

Items	Description	Description	Descripción
A1a	Identité du réseau à satellite	Identity of the satellite network	Identidad de la red de satélite
A1e1	Type de station terrienne (spécifique ou type)	Type of earth station (specific or typical)	Tipo de la estación terrena (específica o típica)
A1e2	Nom de la station	Name of the station	Nombre de la estación
A1e3a	Pays ou la zone géographique où est située la station, en utilisant les symboles figurant dans la Préface	Country or geographical area in which the station is located, using the symbols from the Preface	País o zona geográfica en que está ubicada la estación; utilizando los símbolos del Prefacio
A1e3b	Coordonnées géographiques de chaque emplacement d'antenne d'émission ou de réception constituant la station (longitude et latitude en degrés et minutes)	Geographical coordinates of each transmitting or receiving antenna site constituting the station (longitude and latitude in degrees and minutes)	Coordinadas geográficas de cada emplazamiento de antena transmisora o receptora que constituye la estación (longitud y latitud en grados y minutos)
A1f1	Administration notificatrice (voir le Tableau 1 de la Préface)	Notifying administration (Refer to Table 1 of the Preface)	Administración notificante (véase el cuadro 1 del Prefacio)
A1f2	Si la fiche est soumise au nom d'un groupe d'administrations, les symboles de chaque administration du groupe soumettant les renseignements relatifs au réseau à satellite (voir la Préface)	If the notice is submitted on behalf of a group of administrations, the symbols of each of the administrations in the group, submitting the information on the satellite network (see the Preface)	Si la notificación se presenta en nombre de un grupo de administraciones, los símbolos de cada administración del grupo de administraciones que presentan la información sobre la red de satélites (véase el Prefacio)
A1f3	Organisation Intergouvernementale de Satellite	Intergovernmental Satellite Organization	Organización Intergubernamental de Satélite
A2a	Date de mise en service	Date of bringing into use	Fecha de puesta en servicio
A2b	Période de validité (années)	Period of validity (years)	Período de validez (años)
A3a	Entité exploitante (voir le Tableau 12A/12B de la Préface)	Operating agency (Refer to Table 12A/12B of the Preface)	Compañía explotadora (véase el cuadro 12A/12B del Prefacio)
A3b	Symbol identifiant l'administration responsable de la station (Tableau 12A/12B de la Préface)	Symbol identifying the Administration responsible for the station (Refer to Table 12A/12B of the Preface)	Símbolo que identifica a la administración responsable de la estación (véase el cuadro 12A/12B del Prefacio)
A4a1	Longitude nominale d'une station spatiale géostationnaire (degrés)	Nominal longitude of a geostationary space station (degrees)	Longitud nominal de una estación espacial geoestacionaria (grados)
A4a2a	Tolérance de longitude vers l'est prévue	Planned longitudinal tolerance easterly limit	Tolerancia de longitud prevista hacia el Este
A4a2b	Tolérance de longitude vers l'ouest prévue	Planned longitudinal tolerance westerly limit	Tolerancia de longitud prevista hacia el Oeste
A4a2c	Excursion d'inclinaison	Inclination excursion	Excursión de inclinación
A4b1	Nombre de plans orbitaux	Number of orbital planes	Número de planos orbitales
A4b2	Corps de référence	Reference body	Cuerpo de referencia
A4b3a	Nombre maximal de stations spatiales d'un système à satellites non géostationnaires émettant simultanément sur la même fréquence dans le service fixe par satellite dans l'hémisphère Nord	Maximum number of space stations in a non-geostationary-satellite system simultaneously transmitting on a co-frequency basis in the fixed-satellite service in the Northern Hemisphere	Máximo número de estaciones espaciales de un sistema de satélites no geoestacionarios del servicio fijo por satélite que transmiten simultáneamente en la misma frecuencia en el Hemisferio Norte
A4b3b	Nombre maximal de stations spatiales d'un système à satellites non géostationnaires émettant simultanément sur la même fréquence dans le service fixe par satellite dans l'hémisphère Sud	Maximum number of space stations in a non-geostationary-satellite system simultaneously transmitting on a co-frequency basis in the fixed-satellite service in the Southern Hemisphere	Máximo número de estaciones espaciales de un sistema de satélites no geoestacionarios del servicio fijo por satélite que transmiten simultáneamente en la misma frecuencia en el Hemisferio Sur
A4b4a	Angle d'inclinaison du plan orbital (degrés)	Inclination angle for the orbital plane (degrees)	Ángulo de inclinación del plano orbital (grados)
A4b4b	Nombre de satellites dans chaque plan orbital	Number of satellites in each orbital plane	Número de satélites en cada plano orbital
A4b4c	Période (jjj/hh/mm)	Period (ddd/hh/mm)	Periodo (ddd/hh/mm)
A4b4d	Altitude de l'apogée (km)	Altitude of the apogee (km)	Altitud del apogeo (km)
A4b4e	Altitude du périhélie (km)	Altitude of the perigee (km)	Altitud del perigeo (km)
A4b4f	L'altitude minimale de la station spatiale au-dessus de la surface de la Terre à laquelle n'importe quel satellite émet (km)	Minimum altitude of the space station above the surface of the Earth at which any satellite transmits (km)	mínima altitud de la estación espacial por encima de la superficie de la Tierra a la que transmite el satélite (km)
A4b5a	Ascension droite	Right ascension	Ascensión recta
A4b5b	Angle de phase initiale (degrés)	Initial phase angle (degrees)	Ángulo de fase inicial (grados)
A4b5c	Argument du périhélie	Argument of perigee	Argumento del perigeo
A4b6a1	Nombre maximum de satellites non géostationnaires émettant sur des fréquences se chevauchant vers un point donné	Maximum number of non-geostationary satellites transmitting with overlapping frequencies to a given location	Número máximo de satélites no geoestacionarios que transmiten con frecuencias superpuestas a una determinada ubicación
A4b6a2	Début de la gamme de latitudes associée (degrés)	Associated start of the latitude range (degrees)	Principio de la gama de latitudes asociada (grados)
A4b6a3	Fin de la gamme de latitudes associée (degrés)	Associated end of the latitude range (degrees)	Fin de la gama de latitudes asociada (grados)
A4b6c	Indicateur montrant si la station spatiale utilise le maintien en position pour conserver une trajectoire répétitive au sol	Flag indicating if the space station uses [Y] or does not use [N] station-keeping to maintain a repeating ground track	Indicador que muestre si la estación espacial emplea mantenimiento en posición para describir trayectorias idénticas sobre el suelo
A4b6d	Temps en secondes nécessaire pour que la constellation revienne à sa position de départ	Time in seconds that it takes for the constellation to return to its starting position	Tiempo en segundos que tarda la constelación en volver a su punto de partida

Items	Description	Description	Descripción
A4b6e	Indicateur montrant si la station spatiale doit être modélisée avec une vitesse de précession spécifique du nœud ascendant de l'orbite au lieu du terme J2	Flag indicating if the space station should [Y] or should not [N] be modelled with specific precession rate of the ascending node of the orbit instead of the J2 term	Indicador que determina si la estación espacial se debe modelar con una velocidad de precesión específica del nodo ascendente de la órbita en vez del término J2
A4b6f	Vitesse de précession, en degrés/jour, mesurée dans le sens inverse des aiguilles d'une montre dans le plan de l'équateur	Precession rate in degrees/day measured counter-clockwise in the equatorial plane	Velocidad de precesión en grados/día, medida en sentido levógiro en el plano ecatorial
A4b6g	Longitude du nœud ascendant pour le j-ème plan orbital	Longitude of the ascending node for the j-th orbital plane	Longitud del nodo ascendente para el plano orbital j-ésimo
A4b6h	Date (jour:mois:année) à laquelle le satellite se trouve au point défini par la longitude du noeud ascendant	Date at which the satellite is at the location defined by the longitude of the ascending node	Fecha (día:mes:año) en la que el satélite se encuentra en la ubicación definida por la longitud del nodo ascendente
A4b6i	Instant (heures:minutes) auquel le satellite se trouve au point défini par la longitude du noeud ascendant	Time at which the satellite is at the location defined by the longitude of the ascending node	Hora (horas:minutos) en el que el satélite se encuentra en la ubicación definida por la longitud del nodo ascendente
A4b6j	Tolérance longitudinale du noeud ascendant	Longitudinal tolerance of the longitude of the ascending node	Tolerancia longitudinal de la longitud del nodo ascendente
A4b7a	Nombre maximal de satellites non géostationnaires recevant simultanément sur des fréquences se chevauchant des signaux en provenance des stations terriennes associées dans une cellule donnée	Maximum number of non-geostationary satellites receiving simultaneously with overlapping frequencies from the associated earth stations within a given cell	Número máximo de satélites no geoestacionarios que reciben simultáneamente con frecuencias superpuestas desde las estaciones terrenas asociadas dentro de una célula determinada
A4b7b	Nombre moyen de stations terriennes associées fonctionnant sur des fréquences se chevauchant par kilomètre carré à l'intérieur d'une cellule	Average number of associated earth stations transmitting with overlapping frequencies per square km in a cell	Número medio de estaciones terrenas asociadas con frecuencias por kilómetro cuadrado dentro de una célula
A4b7c	Distance moyenne entre les cellules cofréquence (km)	Average distance between co-frequency cells (km)	Distancia promedio entre células cofrecuencia (km)
A4b7d1	Type de zone (fondée sur l'angle topocentrique (Y), l'angle vu du satellite (N) ou une autre méthode (O) pour déterminer la zone d'exclusion)	Type of zone (based on topocentric angle (Y), satellite-based angle (N) or other method (O) for establishing the exclusion zone)	Tipo de zona (en base al ángulo topocéntrico (Y), ángulo de base del satélite (N) u otro método apropiado (O) para establecer la zona de exclusión)
A4b7d2	Largeur de la zone (degrés)	Width of the exclusion zone (degrees)	Anchura de la zona (grados)
A4b7d3	Description détaillée du mécanisme d'évitement	Attachment indicating a detailed description of the avoidance mechanism, if an alternative method used for establishing exclusion zone	Descripción detallada del mecanismo de evitación
A4c1	Station spatiale associée	Associated space station	Estación espacial asociada
A4c2	Longitude nominale sur l'orbite	Nominal orbital longitude	Longitud orbital nominal
A5 /A6	Renseignements relatifs à la coordination; référence à une disposition du RR, à un appendice ou à une résolution (Tableau 11 de la Préface)	Coordination information, reference to provision of the RR, Appendix or Resolution (Table 11 of the Preface)	Información de la coordinación, con referencia a una disposición, apéndice o Resolución del RR (cuadro 11 del Prefacio)
A7a1	Angle d'élévation de l'horizon, pour chaque azimut autour de la station terrienne (degrés)	Horizon elevation angle for each azimuth around the earth station, for each azimuth around the earth station (degrees)	Ángulo de elevación del horizonte, en cada acimut alrededor de la estación terrena (grados)
A7a2	Distance de la station terrienne à l'horizon pour chaque azimut autour de la station terrienne (km)	Distance from the earth station to the horizon for each azimuth around the earth station (km)	Distancia entre la estación terrena y el horizonte para cada acimut alrededor de la estación terrena (km)
A7a3	Diagramme d'élévation de l'horizon	Horizon elevation diagram	Diagrama de elevación del horizonte
A7b1	Angle d'élévation minimal prévu de l'axe du faisceau principal de l'antenne par rapport au plan horizontal (degrés)	Planned minimum angle of elevation of the antenna's main beam axis from the horizontal plane (degrees)	Ángulo de elevación mínimo previsto para el eje del haz principal de la antena a partir del plano del horizonte (grados)
A7c1	Azimut de départ de la gamme d'angles, à partir du Nord vrai dans le sens des aiguilles d'une montre, entre lesquelles l'azimut de l'axe du faisceau principal de l'antenne peut varier pendant l'exploitation (degrés)	Start azimuth for the planned range of operating azimuthal angles for the antenna's main beam axis clockwise from True North (degrees)	Azimut inicial de la gama prevista de ángulos acimutales de funcionamiento en la dirección del eje del haz principal de la antena, en el sentido de las agujas del reloj a partir del norte verdadero (grados)
A7c2	Azimut de fin de la gamme d'angle, à partir du Nord vrai dans le sens des aiguilles d'une montre, entre lesquelles l'azimut de l'axe du faisceau principal de l'antenne peut varier pendant l'exploitation (degrés)	End azimuth for the planned range of operating azimuthal angles for the antenna's main beam axis clockwise from True North (degrees)	Azimut final de la gama prevista de ángulos acimutales de funcionamiento en la dirección del eje del haz principal de la antena, en el sentido de las agujas del reloj a partir del norte verdadero (grados)
A7d	Altitude de l'antenne au-dessus du niveau moyen de la mer (m)	Altitude of the antenna above mean sea level (m)	Altitud de la antena sobre el nivel medio del mar (m)
A7e	Angle d'élévation minimal (degrés)	Minimum elevation angle (degrees)	Ángulo de elevación mínimo (grados)
A7f	Diamètre d'antenne (m)	Antenna diameter (m)	Diámetro de la antena (m)
A10a	Schémas de zone de coordination	Coordination area diagrams	Diagramas zonas coordinación
A13	Référence aux Sections Spéciales	Reference to Special Sections	Referencia a las Secciones Especiales

Items	Description	Description	Descripción
A15a	Indicateur montrant l'engagement selon lequel le système notifié se conformera aux limites opérationnelles additionnelles d'epfd spécifiées dans le Tableau 22-4A1 conformément au numéro 22.51	Flag to indicate commitment that the filed for system will meet the additional operational epfd limits that are specified in Table 22-4A1 under No. 22.51.	Indicador que muestre el compromiso de que el sistema inscrito observará los límites operacionales adicionales de dfpe que se especifican en el Cuadro 22-4A1 del número 22.51
A16a	Indicateur montrant l'engagement selon lequel les stations terriennes associées fonctionnant avec un réseau à satellite géostationnaire du service fixe par satellite respectent les limitations de puissance hors axe	Flag to indicate commitment that the associated earth stations operating with a geostationary-satellite network in the fixed-satellite service meet the off-axis power limitations	Indicador que muestre el compromiso de que las estaciones terrenas asociadas que funcionan con una red de satélites geoestacionarios en el servicio fijo por satélite cumplen las limitaciones de la potencia fuera del eje
A16b	Indicateur montrant l'engagement des administrations selon lequel les systèmes notifiés se conformeront aux limites de puissance surfacique pour une seule source de brouillage prescrites au numéro 5.502	Flag to indicate commitment that the filed system will meet the single entry power-flux density limits specified in No. 5.502	Indicador que muestre el compromiso por parte de las administraciones de que el sistema notificado satisfará los límites de densidad de flujo de potencia de una sola fuente especificados en el número 5.502
A17a	Indicateur montrant l'engagement à se conformer au niveau de puissance surfacique par satellite de $-129 \text{ dB}(W/(m^2 \cdot \text{MHz}))$ dans une bande quelconque de 1 MHz dans des conditions de propagation en espace libre	Flag to indicate commitment of compliance with per-satellite power-flux density level produced at the Earth's surface of $-129 \text{ dB}(W/m^2 \cdot \text{MHz})$ in any 1 MHz band under free space propagation conditions	Indicador que muestre la observancia del nivel de densidad de flujo de potencia por satélite de $-129 \text{ dB}(W/(m^2 \cdot \text{MHz}))$ en toda banda de 1 MHz en condiciones de propagación en espacio libre
A17b1	Valeur calculée de la puissance surfacique cumulative produite à la surface de la Terre par un système géostationnaire de radionavigation par satellite dans la bande 4 990-5 000 MHz, dans une largeur de bande de 10 MHz, (Rés.741 (CMR-03))	Calculated aggregate power flux-density produced at the Earth's surface by any geostationary radionavigation-satellite system in the band 4 990-5 000 MHz in a 10 MHz bandwidth, (Resolution 741 (WRC-03))	Valor calculado de la densidad combinada de flujo de potencia producida en la superficie de la Tierra por cualquier sistema de sat. geo. del servicio de radionav. por sat. en la banda 4 990-5 000 MHz, en una anchura de banda de 10 MHz (Res.741 (CMR-03))
A17b2	Valeur calculée de la puissance surfacique cumulative produite à la surface de la Terre par toutes les stations spatiales d'un système du service de radionavigation par satellite dans la bande 5 030-5 150 MHz dans une largeur de bande de 150 kHz (5.443B)	Calculated aggregate power flux-density produced at the Earth's surface by all space stations within any radionavigation-satellite service system in the band 5 030-5 150 MHz in a 150 kHz bandwidth (No. 5.443B)	Valor calculado de la densidad de flujo de potencia combinada producida en la superficie de la Tierra por todas las estaciones espaciales, de cualquier sist. del servicio de radionav. por sat. en la banda 5 030-5 150 MHz en una anchura de banda de 150 kHz
A17b3	Puissance surfacique équivalente produite par toutes les stations spatiales d'un système de service de radionavigation par satellite dans la bande 4 990-5 000 MHz, dans une largeur de bande de 10 MHz (Rés.741 (WRC-03))	Equiv. power flux-density produced at the Earth's surface by all space stations within any non-geostationary radionavigation-satellite service system in the band 4 990-5 000 MHz in a 10 MHz bandwidth, as defined in resolves 2 of Resolution 741 (WRC-03)	Densidad de flujo de potencia equivalente producida en la superficie de la Tierra por todas las estaciones espaciales de cualquier sistema del servicio de radionav. por sat. en la banda 4 990-5 000 MHz, en una anchura de banda de 10 MHz (Res.741 (CMR-03))
A17c	Puissance surfacique cumulative produite à la surface de la Terre dans la bande 15,35-15,4 GHz, définie au numéro 5.511A	Aggregate power flux-density produced at the Earth's surface in the band 15.35-15.4 GHz, as defined in No. 5.511A	Densidad de flujo de potencia combinada producida en la superficie de la Tierra en la banda 15,35-15,4 GHz, como se define en el número 5.511A
A17d	Puissance surfacique moyenne rayonnée à la surface de la Terre par un détecteur spatioporté, comme défini au numéro 5.549A	Mean power flux-density produced at the Earth's surface by any spaceborne sensor, as defined in No. 5.549A	Densidad media de flujo de potencia producida en la superficie de la Tierra por cualquier sensor a bordo de vehículo espacial, según lo definido en el número 5.549A
A17e1a	Valeur calculée de l'e.p.f.d. dans la bande 42.5-43.5 GHz à la station RA SDT - $\text{dB}(W/(m^2/1 \text{ GHz}))$	Calculated epfd in the band 42.5-43.5 GHz at RA SDT - $\text{dB}(W/(m^2/1 \text{ GHz}))$	dfpe calculada en la banda 42.5-43.5 GHz en RA SDT - $\text{dB}(W/(m^2/1 \text{ GHz}))$
A17e1b	Valeur calculée de l'e.p.f.d. dans la bande 42.5-43.5 GHz à la station RA SDT - $\text{dB}(W/(m^2/500 \text{ kHz}))$	Calculated epfd in the band 42.5-43.5 GHz at RA SDT - $\text{dB}(W/(m^2/500 \text{ kHz}))$	dfpe calculada en la banda 42.5-43.5 GHz en RA SDT - $\text{dB}(W/(m^2/500 \text{ kHz}))$
A17e1c	Valeur calculée de l'e.p.f.d. dans la bande 42.5-43.5 GHz à la station RA VLBI - $\text{dB}(W/(m^2/500 \text{ kHz}))$	Calculated epfd in the band 42.5-43.5 GHz at RA VLBI - $\text{dB}(W/(m^2/500 \text{ kHz}))$	dfpe calculada en la banda 42.5-43.5 GHz en RA VLBI - $\text{dB}(W/(m^2/500 \text{ kHz}))$
A17e2a	Valeur calculée de la p.f.d. dans la bande 42.5-43.5 GHz à la station RA SDT - $\text{dB}(W/(m^2/1 \text{ GHz}))$	Calculated pfd in the band 42.5-43.5 GHz at RA SDT - $\text{dB}(W/(m^2/1 \text{ GHz}))$	dfp calculada en la banda 42.5-43.5 GHz en RA SDT - $\text{dB}(W/(m^2/1 \text{ GHz}))$
A17e2b	Valeur calculée de la p.f.d. dans la bande 42.5-43.5 GHz à la station RA SDT - $\text{dB}(W/(m^2/500 \text{ kHz}))$	Calculated pfd in the band 42.5-43.5 GHz at RA SDT - $\text{dB}(W/(m^2/500 \text{ kHz}))$	dfp calculada en la banda 42.5-43.5 GHz en RA SDT - $\text{dB}(W/(m^2/500 \text{ kHz}))$
A17e2c	Valeur calculée de la p.f.d. dans la bande 42.5-43.5 GHz à la station RA VLBI - $\text{dB}(W/(m^2/500 \text{ kHz}))$	Calculated pfd in the band 42.5-43.5 GHz at RA VLBI - $\text{dB}(W/(m^2/500 \text{ kHz}))$	dfp calculada en la banda 42.5-43.5 GHz en RA VLBI - $\text{dB}(W/(m^2/500 \text{ kHz}))$
A18a	Engagement selon lequel les caractéristiques de la station terrière d'aéronef (STA) du service mobile aéronautique par satellite sont conformes	Commitment regarding characteristics of aircraft earth station	Comprometerse al cumplimiento de que las características de la estación terrena de aeronave (AES) del servicio móvil aeronáutico por satélite se ajustan
B1a	Désignation du faisceau de l'antenne du satellite	Designation of the satellite antenna beam	Designación del haz de la antena del satélite
B1b	Indicateur montrant si le faisceau d'antenne, sous B.1.a, est fixe ou orientable (reconfigurable)	Flag showing whether the antenna beam, under B.1.a, is fixed or whether it is steerable (reconfigurable)	Indicador de si el haz de la antena, en B.1.a, está fijo o si es orientable (reconfigurable)
B2	Indicateur d'émission/réception	Transmission/reception indicator	Indicador de transmisión/recepción
B2bis.a	Un indicateur précisant si la station spatiale émet seulement lorsqu'elle est visible depuis la zone de service notifiée	indicator specifying whether the space station only transmits when visible from notified service area	indicador que especifica si la estación espacial transmite únicamente cuando es visible desde la zona de servicio notificada

Items	Description	Description	Descripción
B2bis.b	L'angle d'élévation minimal au-dessus duquel l'émission se produit lorsque la station spatiale est visible depuis la zone de service notifiée	Minimum elevation angle above which transmissions occur when the space station is visible from the notified service area	mínimo ángulo de elevación por encima del cual se produce la transmisión cuando la estación espacial es visible desde la zona de servicio notificada
B3a1	Gain isotrope copolaire maximal (dBi)	Maximum co-polar isotropic antenna gain (dBi)	Máxima ganancia isótropa copolar (dBi)
B3b1	Diagramme des contours de gain copolaire de l'antenne	Co-polar antenna gain contours diagram	Contornos de ganancia de antena copolar
B3c1a1	Diagramme de rayonnement de référence copolaire	Co-polar reference radiation pattern	Diagrama de radiación de referencia copolar
B3c1a2	Coefficient A du diagramme de rayonnement copolaire	Co-polar radiation pattern diagram coefficient A	Coefficiente A del diagrama de radiación copolar
B3c1a3	Coefficient B du diagramme de rayonnement copolaire	Co-polar radiation pattern diagram coefficient B	Coefficiente B del diagrama de radiación copolar
B3c1b	Diagramme de rayonnement copolaire	Co-polar radiation diagram	Diagrama de radiación copolar
B3d	Précision de pointage (degrés)	Pointing accuracy (degrees)	Precisión de puntería (grados)
B3e	Diagramme du gain d'antenne en fonction de la longitude de l'orbite	Antenna gain vs orbit longitude diagram	Diagrama de la ganancia de la antena en función de la longitud de la órbita
B3f2a	Précision de rotation (degrés)	Rotational accuracy (degrees)	Precisión de rotación (grados)
B4a1	Numéro de référence de chaque plan orbital dans lequel les caractéristiques de l'antenne de la station spatiale sont utilisées	Reference number of each orbital plane in which the space station antenna characteristics are used	Número de cada plano orbital en que se utilizan las características de la antena de la estación espacial
B4a2	Numéro de référence de chaque satellite, dans le plan orbital spécifié, sur lequel les caractéristiques de l'antenne de la station spatiale sont utilisées	Reference number of each satellite, in the specified orbital plane, on which the space station antenna characteristics are used	Número de referencia de cada satélite, en el plano orbital especificado, en el cual se utilizan las características de antena de la estación espacial
B4a3a1	Angle alpha (degrés)	Alpha angle (degrees)	Ángulo alpha (grados)
B4a3a2	Angle beta (degrés)	Beta angle (degrees)	Ángulo beta (grados)
B4b2	Diagramme du gain d'antenne en fonction de l'angle d'élévation	Diagram of the antenna gain as a function of elevation angle	Diagrama de la ganancia de la antena en función del ángulo de elevación
B4b3	Affaiblissement géométrique en fonction de l'angle d'élévation	Spreading loss as a function of elevation angle	Pérdida de dispersión en función del ángulo de elevación
B4b4a	P.I.R.E. maximale / 4kHz	Maximum E.I.R.P. / 4kHz	P.I.R.E. máxima / 4kHz
B4b4b	P.I.R.E. moyenne / 4kHz	Average E.I.R.P. / 4kHz	P.I.R.E. media / 4kHz
B4b4c	P.I.R.E. maximale / 1MHz	Maximum E.I.R.P. / 1MHz	P.I.R.E. máxima / 1MHz
B4b4d	P.I.R.E. moyenne / 1MHz	Average E.I.R.P. / 1MHz	P.I.R.E. media / 1MHz
B4b5	Valeur de crête calculée de la puissance surfacique produite dans un angle de $\pm 5^\circ$ d'inclinaison de l'orbite des satellites géostationnaires	Calculated peak value of power flux-density produced within $\pm 5^\circ$ inclination of the geostationary-satellite orbit	Valor de cresta calculado de la densidad de flujo de potencia producida dentro de $\pm 5^\circ$ de inclinación de la órbita de los satélites geoestacionarios
B5a	Gain isotrope maximal (dBi)	Maximum isotropic gain (dBi)	Ganancia isótropa máxima (dBi)
B5b	Ouverture du faisceau (degrés)	Beamwidth (degrees)	Anchura del haz (grados)
B5c1a1	Diagramme de référence	Radiation pattern	Diagrama de referencia
B5c1a2	Coefficient A	Coefficient A	Coefficiente A
B5c1a3	Coefficient B	Coefficient B	Coefficiente B
B5c1a4	Coefficient C	Coefficient C	Coefficiente C
B5c1a5	Coefficient D	Coefficient D	Coefficiente D
B5c1a6	PHI1	PHI1	PHI1
B5c1b	Diagramme de rayonnement	Radiation diagram	Diagrama de radiación
B5d	Dimension d'antenne alignée sur l'arc géostationnaire (DGSO) (m)	Antenna dimension aligned with the geostationary arc (DGSO) (m)	dimensión de la antena alineada con el arco geoestacionario (DGSO) (m)
C2a1	Fréquence assignée	Assigned frequency	Frecuencia asignada
C2b	Fréquence observée	Observed frequency	Frecuencia observada
C2c	Si l'assignation de fréquence doit être notifiée au titre du numéro 4.4, une indication à cet effet	If the frequency assignment is to be filed under No. 4.4, an indication to that effect	Si la asignación de frecuencia debe notificarse con arreglo al número 4.4, indicación a tal efecto
C3a	Bande de fréquences assignée (kHz)	Assigned frequency band (kHz)	Banda de frecuencias asignada (kHz)
C3b	Largeur de la bande de fréquences observée	Bandwidth of the frequency band observed	Anchura de la banda de frecuencias observada
C4a	Classe de station (voir le Tableau 3 de la Préface)	Class of station (Refer to Table 3 of the Preface)	Clase de estación (véase el cuadro 3 del Prefacio)
C4b	Nature du service (voir le Tableau 4 de la Préface)	Nature of service (Refer to Table 4 of the Preface)	Naturaleza del servicio (véase el cuadro 4 del Prefacio)
C5a	Température de bruit du système de réception (Kelvin) dans le cas d'une station spatiale	Receiving system noise temperature (Kelvin) in the case of a space station	Temperatura de ruido del sistema receptor (Kelvin) en el caso de una estación espacial

Items	Description	Description	Descripción
C5b	Température de bruit du système de réception (Kelvin) dans le cas d'une station terrienne	Receiving system noise temperature (Kelvin) in the case of an earth station	Temperatura de ruido del sistema receptor (Kelvin) en el caso de una estación terrena
C5d1	Température de bruit du système à la sortie du processeur des signaux (pour les capteurs actifs)	System noise temperature at the output of the signal (for active sensors) processor	Temperatura de ruido del sistema a la salida del procesador de la señal (para sensores activos)
C5d2	Largeur de bande du bruit du récepteur (pour les capteurs actifs)	Receiver noise bandwidth (for active sensors)	Anchura de banda de ruido de receptor (para sensores activos)
C6a	Type de polarisation (voir le Tableau 5 de la Préface)	Type of polarization (Refer to Table 5 of the Preface)	Tipo de polarización (véase el cuadro 5 del Prefacio)
C6b	Angle de polarisation (degrés) (voir le Tableau 5 de la Préface)	Polarization angle (degrees) (Refer to Table 5 of the Preface)	Ángulo de polarización (grados) (véase el cuadro 5 del Prefacio)
C7a	Désignation de l'émission	Designation of emission	Denominación de la emisión
C7b	Fréquence porteuse des émissions	Carrier frequency of the emissions	Frecuencia portadora de las emisiones
C8a1 /C8b1	Puissance maximale fournie à l'antenne (dBW)	Maximum power supplied to the antenna (dBW)	Potencia máxima suministrada a la antena (dBW)
C8a2 /C8b2	Densité maximale de puissance (dB(W/Hz))	Maximum power density (dB(W/Hz))	Densidad máxima de potencia (dB(W/Hz))
C8b3a	Valeur moyenne de la puissance en crête, en dBW, fournie à l'entrée de l'antenne (requis si ni C.8.a.1 ni C.8.b.1 n'est fourni) (pour les capteurs actifs)	Mean peak envelope power (dBW) supplied to the input of the antenna (required if neither C.8.a.1 nor C.8.b.1 is provided) (for active sensors)	Valor medio de la potencia en la cresta de la envolvente, en dBW, aplicada a la entrada de la antena necesita si no se proporciona C.8.a.2 ni C.8.b.2. (para sensores activos)
C8b3b	Densité de puissance moyenne, en dB(W/Hz), fournie à l'entrée de l'antenne (requis si ni C.8.a.2 ni C.8.b.2 n'est fourni) (pour les capteurs actifs)	Mean power density (dB(W/Hz)) supplied to the input of the antenna (required if neither C.8.a.2 nor C.8.b.2 is provided) (for active sensors)	Valor medio de la densidad de potencia en dB(W/Hz), aplicada a la entrada de la antena necesita si no se proporciona C.8.a.2 ni C.8.b.2 (para sensores activos)
C8c1	Valeur minimale de la puissance en crête (dBW)	Minimum peak power (dBW)	Valor mínimo de la potencia en la cresta (dBW)
C8c2	Si C.8.c.1 n'est pas fourni, le motif de l'absence de la valeur minimale de la puissance en crête	If C.8.c.1 is not provided, the reason for absence of the minimum value of the peak envelope power	Si no se proporciona C.8.c.1, motivos para no suministrar el valor mínimo de la potencia en la cresta de la envolvente
C8c3	Densité minimale de puissance (dB(W/Hz))	Minimum power density (dB(W/Hz))	Densidad mínima de potencia (dB(W/Hz))
C8c4	Si C.8.c.3 n'est pas fourni, le motif de l'absence de la valeur de densité minimale de puissance	If C.8.c.3 is not provided, the reason for absence of the minimum power density	Si no se proporciona C.8.c.3, motivos para no suministrar el valor mínimo de la densidad de potencia
C8d1	Valeur maximale de la puissance en crête totale (dBW)	Maximum total peak power (dBW)	Potencia en la cresta de la envolvente total máxima (dBW)
C8d2	Largeur de bande de satellite contiguë	Contiguous satellite bandwidth	Anchura de banda de satélite contigua de que se trate
C8e1	Rapport porteuse/bruit (dB)	Carrier-to-noise ratio (dB)	Relación portadora/ruido (dB)
C8e2	Si C.8.e.1 n'est pas fourni, le motif de l'absence du rapport porteuse/bruit	If C.8.e.1 is not provided, the reason for absence of the carrier-to-noise ratio	Si no se proporciona C.8.e.1, motivos para no suministrar la relación portadora/ruido requerida
C8g1	Puissance globale maximale (dBW)	Maximum aggregate power (dBW)	Potencia combinada máxima (dBW)
C8g2	Largeur de bande totale de toutes les porteuses (par répéteur, le cas échéant), fournie à l'entrée de l'antenne de la station terrienne d'émission ou de la station terrienne associée	The aggregate bandwidth of all carriers (per transponder, if applicable) supplied to the input of the transmitting antenna of the earth station or the associated earth station	Anchura de banda combinada de todas las portadoras (por transpondedor, en su caso) aplicada a la entrada de la antena de la estación terrena transmisora o de la estación terrena transmisora asociada
C8g3	Indicateur montrant si la largeur de bande du répéteur correspond à la largeur de bande totale de toutes les porteuses (par répéteur, le cas échéant), fournie à l'entrée de l'antenne d'émission de la station terrienne ou de la station terrienne associée	Flag Indicating if the bandwidth of the transponder corresponds to the aggregate bandwidth of all carriers (per transponder, if applicable) supplied to the input of the transmitting antenna of the earth stations	Indicador de si la anchura de banda del transpondedor corresponde a la anchura de banda combinada de todas las portadoras (por transpond., en su caso) aplicada a la entrada de la antena de la estación terr. transm. o de la estación terr. transm. Asociada
C9a1	Type de modulation	Type of modulation	Tipo de modulación
C9a2a	Fréquence inférieure de la bande de base	Lowest frequency of the baseband	Frecuencia más baja de la banda de base
C9a2b	Fréquence supérieure de la bande de base	Highest frequency of the baseband	Frecuencia más alta de la banda de base
C9a2c	L'excursion de fréquence quadratique du signal préaccentué pour la tonalité d'essai en fonction de la fréquence de la bande de base	The r.m.s. frequency deviation of the pre-emphasized signal for a test tone as a function of baseband frequency	El valor eficaz de la excusión de frecuencia de la señal de preacentuación del tono de prueba en función de la frecuencia de la banda de base
C9a3a	Excursion de fréquence (MHz/V)	Frequency deviation (MHz/V)	Excusión de frecuencia (MHz/V)
C9a3b	Caractéristiques de préaccentuation	Pre-emphasis characteristics	Características de preacentuación
C9a3c	Type de multiplexage des signaux image et son	Type of multiplexing of the video and sound signals	Tipo de multiplexión de las señales vídeo y sonoras
C9a4a	Débit binaire	Bit rate	Velocidad binaria
C9a4b	Nombre de phases	Number of phases	Número de fases
C9a5a	Nature du signal modulant	Nature of the modulating signal	Tipo de la señal de modulación
C9a5b	Type de modulation d'amplitude utilisé	Kind of amplitude modulation used	Tipo de modulación de amplitud que se utiliza
C9a6a	Excursion de fréquence crête-à-crête du signal de dispersion d'énergie (MHz)	Peak-to-peak frequency deviation of the energy dispersal waveform (MHz)	Desviación de frecuencia cresta a cresta y la señal de dispersión de energía (MHz)

Items	Description	Description	Descripción
C9a6b	Fréquence de balayage du signal de dispersion d'énergie (kHz)	Sweep frequency of the energy dispersal waveform (kHz)	Frecuencia de barrido de la señal de dispersión de energía (kHz)
C9a6c	Signal de dispersion d'énergie	Energy dispersal waveform	Señal de dispersión de energía
C9a7	Type de dispersion d'énergie	Type of energy dispersal	Tipo de dispersión de energía
C9a8	Pour tous les autres types de modulation, les renseignements qui peuvent être utiles pour une étude de brouillage	For All other types of modulation, such particulars as may be useful for an interference study	Para todos los demás tipos de modulación, los parámetros que puedan ser útiles para un estudio de la interferencia
C9a9	Norme de télévision	TV standard	Norma de televisión
C9c1	Type d'accès multiple	Type of multiple access	Tipo de acceso múltiple
C9c2	Description du gabarit spectral	Description of the spectrum mask	Descripción de la plantilla del espectro
C10a1a	Identité de la station spatiale associée	Identity of the associated space station	Identidad de la estación espacial asociada
C10a1b	Ancienne identité de la station spatiale	Previous identity of the associated space station	Identidad anterior de la estación espacial
C10a2	Type de station spatiale associée: géostationnaire [G] ou non géostationnaire [N]	Type of associated space station: geostationary [G] or non-geostationary [N]	Tipo de la estación espacial asociada: geoestacionaria [G] o no geoestacionaria [N]
C10a3	Longitude nominale de la station spatiale géostationnaire associée	Nominal longitude of the associated geostationary space station	Longitud nominal de la estación espacial geoestacionaria asociada
C10a4a	Désignation du faisceau de l'antenne de la station spatiale associée	Designation of the antenna beam of the associated space station	Designación del haz de la antena de la estación espacial asociada
C10a4b	Désignation de l'ancien faisceau de l'antenne de la station spatiale associée	Designation of the old antenna beam of the associated space station	Designación del haz anterior de la antena de la estación espacial asociada
C10b1	Identité de la station terrienne associée	Identity of the associated earth station	Identidad de la estación terrena asociada
C10b2	Type de station terrienne associée: spécifique [S], type [T] ou radioastronomie [R]	Type of associated earth station: specific [S], typical [T] or radioastronomy [R]	Tipo de la estación terrena asociada: específica [S], tipo [T] o radioastronomía [R]
C10c1	Coordonnées géographiques de l'emplacement de l'antenne	Geographical coordinates of the antenna site	Coordenadas geográficas del emplazamiento de la antena
C10c2	Pays ou zone géographique où est située la station terrienne associée, en utilisant les symboles figurant dans la Préface	Country or geographical area in which the earth station is located, using the symbols from the Preface	País o zona geográfica en que está ubicada la estación terrena asociada; utilizando los símbolos del Prefacio
C10d1	Classe de station de la station terrienne associée (voir le Tableau 3 de la préface)	Class of station of the associated earth station (Refer to Table 3 of the Preface)	Clase de estación de la estación terrena asociada (véase el cuadro 3 del Prefacio)
C10d2	Nature du service de la station terrienne associée (voir le Tableau 4 de la Préface)	Nature of service of the associated earth station (Refer to Table 4 of the Preface)	Naturaleza del servicio de la estación terrena asociada (véase el cuadro 4 del Prefacio)
C10d3	Gain isotrope de l'antenne (dBi)	Isotropic gain of the antenna (dBi)	Ganancia isótropa de la antena (dBi)
C10d4	Ouverture du faisceau (degrés)	Beamwidth (degrees)	Abertura del haz (grados)
C10d5a1a	Diagramme de rayonnement de référence copolaire pour une station terrienne associée	Co-polar reference radiation pattern of the associated earth station	Diagrama de radiación de referencia copolar para una estación terrena asociada
C10d5a1b	Coefficient A du diagramme de rayonnement copolaire	Co-polar radiation pattern diagram coefficient A	Coefficiente A del diagrama de radiación copolar
C10d5a1c	Coefficient B du diagramme de rayonnement copolaire	Co-polar radiation pattern diagram coefficient B	Coefficiente B del diagrama de radiación copolar
C10d5a1d	Coefficient C du diagramme de rayonnement copolaire	Co-polar radiation pattern diagram coefficient C	Coefficiente C del diagrama de radiación copolar
C10d5a1e	Coefficient D du diagramme de rayonnement copolaire	Co-polar radiation pattern diagram coefficient D	Coefficiente D del diagrama de radiación copolar
C10d5a1f	Angle du diagramme de rayonnement copolaire	Co-polar radiation pattern diagram angle	Ángulo del diagrama de radiación copolar
C10d5a2	Diagramme de rayonnement copolaire pour une station terrienne associée	Co-polar radiation pattern diagram of the associated earth station	Diagrama de radiación copolar para una estación terrena asociada
C10d6	Température de bruit du système de réception (Kelvin) de la station terrienne associée	Receiving system noise temperature (Kelvin) of the associated earth station	Temperatura de ruido del sistema receptor (Kelvin) de la estación terrena asociada
C10d7	Diamètre de l'antenne (m)	Antenna diameter (m)	Diámetro de la antena (m)
C10d9	Dimension d'antenne alignée sur l'arc géostationnaire (DGSO) de la station terrienne associée (m)	Associated earth station antenna dimension aligned with the geostationary arc (DGSO) (m)	dimensión de la antena de la estación terrena asociada alineada con el arco geoestacionario (DGSO) (m)
C11a1	Numéro de zone de service (GIMS)	Service area no. (GIMS)	Número de zona de servicio (GIMS)
C11a2	Symbol de la zone de service	Service area symbol	Símbolo de la zona de servicio
C11a3	Diagramme de zone de service annexe	Service area diagram attachment	Diagrama de la zona de servicio anexo
C11a5a	Zone de service définie par un ensemble d'au plus vingt points de mesure	Service area identified by a set of a maximum of twenty test points	Zona de servicio identificada por un conjunto de, como máximo, veinte puntos de prueba
C11a5b	Longitude du point de mesure	Test point longitude	Longitud del punto de prueba

Items	Description	Description	Descripción
C11a5c	Latitude du point de mesure	Test point latitude	Latitud del punto de prueba
C11b	Diagramme de la région affectée	Affected region diagram	Diagrama de la región afectada
C16a1	Durée d'impulsion, en μ s (pour les capteurs actifs)	Pulse length (μ s) (for active sensors)	Longitud de impulsos en μ s (para sensores activos)
C16a2	Fréquence de répétition des impulsions, en kHz (pour les capteurs actifs)	Pulse repetition frequency (kHz) (for active sensors)	Frecuencia de repetición del impulso, en kHz (para sensores activos)
C16b1	Seuil de sensibilité, en kelvins (pour les capteurs passifs)	Sensitivity threshold (kelvins) (for passive sensors)	Umbral de sensibilidad, en kelvins (para sensores activos)
D1a1	Désignation du faisceau de réception	Uplink beam designation	Designación del haz de recepción
D1a2	Désignation du faisceau d'émission	Downlink beam designation	Designación del haz de transmisión
D1a3	Assignation de fréquence sur les liaisons montantes	Uplink assigned frequency	Asignacione de frecuencia de enlace ascendente
D1a4	Assignation de fréquence sur les liaisons descendantes	Downlink assigned frequency	Asignacione de frecuencia de enlace descendente
D2a1	Température de bruit équivalente la plus faible de la liaison par satellite	Lowest equivalent satellite link noise temperature	Temperatura de ruido equivalente más baja del enlace por satélite
D2a2	Gain de transmission associé (plus faible)	Associated transmitting gain (lowest)	Ganancia de transmisión asociada (más baja)
D2b1	Température de bruit équivalente de liaison par satellite pour le rapport gain/température bruit le plus élevé	Satellite link noise temperature for highest ratio of gain/noise	Temperatura de ruido equivalente del enlace por satélite para la relación más elevada ganancia/ruido
D2b2	Gain de transmission associé (plus élevé)	Associated transmitting gain (highest)	Ganancia de transmisión asociada (más elevada)
D2c	Numéro de ligne pour un groupe donné températures de bruit équivalente de la liaison par satellite et les gains de transmission	Line number for a given set of equivalent satellite link noise temperatures and transmission gain values	Número de serie para un grupo dado de temperaturas de ruido equivalente del enlace por satélite y las ganancias de transmisión
D2d	Nom de la station terrienne réceptrice associée	Associated receiving earth station name	Nombre de la estación terrena receptora asociada
2D	Date à partir de laquelle une assignation est prise en compte conformément au Règlement des radiocommunications	Date from which an assignment is taken into account according to the RR	Fecha a partir de la cual una asignación es tomada en cuenta de acuerdo con el RR
13A	Conformité au Règlement des radiocommunications; Tableau 13A de la Préface	Conformity with Radio Regulations; Table 13A of the Preface	En conformidad con el Reglamento de Radiocomunicaciones; cuadro 13A del Prefacio a la Lista Internacional de Frecuencias
13B1	Référence à une disposition, à un appendice ou à une résolution	Reference to a provision, appendix or resolution; Table 13B1 of the Preface	Referencia a una disposición, apéndice o Resolución
13B2	Observations concernant les conclusions inscrites dans la colonne 13A; Tableau 13B2 de la Préface	Remarks concerning the findings entered in column 13A; Table 13B2 of the Preface	Comentarios correspondientes a las conclusiones inscritas en la columna 13A; cuadro 13B2 del Prefacio a la Lista Internacional de Frecuencias
13B3	Date relative au réexamen des conclusions. Tableau 13B3 de la Préface	Date relating to the review of the findings. Table 13B3 of the Preface	Fecha relativa a una revisión de las conclusiones del cuadro 13B3 del Prefacio
13C	Observations (Tableau 13C de la Préface)	Remarks (Table 13C of the Preface)	Observaciones (cuadro 13C del Prefacio)
BR1	Date de réception	Date of receipt	Fecha de recepción
BR2	Numéro de série de l'administration	Administration serial number	Número de serie de la administración
BR3a	Code de référence de la disposition	Provision reference code	Código de referencia de la disposición
BR3b	B = Appendice 30 / Appendix 30A C = Réseau au stade de la coordination N = Réseau au stade de la notification P = Appendix 30B	B = Appendix 30 / Appendix 30A C = Network in coordination stage N = Network in notification stage P = Appendix 30B	B = Apéndice 30 / Apéndice 30A C = Red en etapa de coordinación N = Red en etapa de notificación P = Apéndice 30B
BR6a	Numéro d'identification du réseau à satellite	Identification number of the network	Número de identificación de la red
BR6b	Ancien numéro d'identification du réseau à satellite	Old identification number of the network	Número anterior de la identificación de la red
BR7a	Numéro d'identification du groupe	Identification number of the group	Número de la identificación del grupo
BR7b	Ancien numéro d'identification du groupe	Old identification number of the group	Número anterior de la identificación del grupo
BR8	Code indiquant l'action effectuée sur l'entité (faisceau)	Code indicating the action to be taken on the entity (beam)	Código que indica la acción efectuada en la entidad (haz)
BR9	Code indiquant l'action effectuée sur l'entité (groupe)	Code indicating the action to be taken on the entity (group)	Código que indica la acción efectuada en la entidad (grupo)
BR14	Symbol et numéro de la Section Spéciale	Symbol and number of the Special Section	Símbolo y número de la Sección Especial
BR15	Code de référence de la disposition pour le groupe de fréquences	Provision reference code for the frequency group	Código de referencia de la disposición para el grupo de frecuencias
BR16	Valeur du type C8b	Value of type C8b	Valor del tipo C8b
BR17	Ancienne désignation du faisceau	Old beam designation	Designación anterior del haz
BR20	Numéro de la BR IFIC	BR IFIC number	Número de la BR IFIC
BR21	Partie de la BR IFIC	Part of the BR IFIC	Parte de la BR IFIC

Items	Description	Description	Descripción
BR25	A = Réseau inscrit dans le Fichier de référence international des fréquences/le Plan/la Liste ou pour lequel la demande de coordination a été publiée T = Réseau en cours d'examen	A = Network in MIFR/Plan/List or for which coordination request has been published T = Network under examination	A = Red del MIFR/Plan/Lista o aquella para la que se ha publicado la petición de coordinación T = Red en examen
BR26	C = Le réseau inscrit sur cette ligne cause des brouillages au réseau faisant l'objet de la publication	C = Network shown in this line causes interference to the network being published	C = La red que aparece en esta línea causa interferencia a la red que se va a publicar
BR27	R = Le réseau inscrit sur cette ligne subit des brouillages provenant du réseau faisant l'objet de la publication	R = Network shown in this line receives interference from the network being published	R = La red que aparece en esta línea recibe interferencia de la red que se va a publicar
BR28	A = Réseau dans l'arc de coordination	A = Detected by coordination arc	A = Arco de coordinación detectado
BR47	Bande de fréquences (MHz)	Frequency band (MHz)	Banda de frecuencias (MHz)
BR53	Nombre de fréquences	Number of frequencies	Número de frecuencias
BR54	Nombre d'émissions	Number of emissions	Número de emisiones
BR55	Nombre d'unités	Number of units	Número de unidades
BR56	Nombre total d'unités	Total number of units	Número total de unidades
BR57	Catégorie	Category	Categoría
BR59	Azimut	Azimuth	Acimut
BR61	Longitude orbitale d'origine	Original orbital longitude	Longitud orbital original
BR62	Date d'expiration du délai de mise en service	Expiry date for bringing into use	Fecha de expiración de la puesta en servicio
BR63	Date confirmée de mise en service	Confirmed date of bringing into use	Fecha confirmada de la puesta en servicio
BR64	Date de réception de la première notification soumise au titre de la Résolution 49	Date of receipt of 1st Res49	Fecha de recepción de la primera notificación con arreglo a la Resolución 49
BR84	Date d'accès prioritaire	Priority access date	Fecha de acceso prioritario
BR92	Numéro de l'appendice donnant une explication lorsqu'il est impossible de fournir l'angle alpha ou l'angle beta	Number of the attachment for explanation when angle alpha or angle beta cannot be provided	Número del documento adjunto para la explicación cuando no puede facilitarse el ángulo alfa o el ángulo beta

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB				Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA263	R

A1f2 Submitted on behalf

A4b1 No. of orbital planes

43

A4b2 Ref. body T

A4b3a No. of space stations simult. trans. on Northern Hemisphere

A4b3b No. of space stations simult. trans. on Southern Hemisphere

A4b7a Max. sat. rcv. simult.

4

A4b7b Avg. no. of As. E-stn

1

A4b7c Avg. distance

40

A4b7d1 Excl. zone type

O

A4b7d2 Excl. zone width

A4b7d3 Attach.

6

Orbital plane id. no.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4e Perigee	A4b4f Min. altitude	A4b5a Right asc.	A4b6c Station keeping	A4b6e Specific modelled station	A4b6g Long. asc. node
							A4b5c Arg. of perigee	A4b6d Repeat period	A4b6f Precession rate	A4b6j Long. tolerance
1	53	99	0-01:48	1150e0	1150e0	1150e0	0	N	N	0
							0			0.1
2	53	99	0-01:48	1150e0	1150e0	1150e0	11.3	N	N	11.3
							0			0.1
3	53	99	0-01:48	1150e0	1150e0	1150e0	22.5	N	N	22.5
							0			0.1
4	53	99	0-01:48	1150e0	1150e0	1150e0	33.8	N	N	33.8
							0			0.1
5	53	99	0-01:48	1150e0	1150e0	1150e0	45	N	N	45
							0			0.1
6	53	99	0-01:48	1150e0	1150e0	1150e0	56.3	N	N	56.3
							0			0.1
7	53	99	0-01:48	1150e0	1150e0	1150e0	67.5	N	N	67.5
							0			0.1
8	53	99	0-01:48	1150e0	1150e0	1150e0	78.8	N	N	78.8
							0			0.1
9	53	99	0-01:48	1150e0	1150e0	1150e0	90	N	N	90
							0			0.1
10	53	99	0-01:48	1150e0	1150e0	1150e0	101.3	N	N	101.3
							0			0.1
11	53	99	0-01:48	1150e0	1150e0	1150e0	112.5	N	N	112.5
							0			0.1
12	53	99	0-01:48	1150e0	1150e0	1150e0	123.8	N	N	123.8
							0			0.1
13	53	99	0-01:48	1150e0	1150e0	1150e0	135	N	N	135
							0			0.1
14	53	99	0-01:48	1150e0	1150e0	1150e0	146.3	N	N	146.3
							0			0.1
15	53	99	0-01:48	1150e0	1150e0	1150e0	157.5	N	N	157.5
							0			0.1
16	53	99	0-01:48	1150e0	1150e0	1150e0	168.8	N	N	168.8
							0			0.1
17	53	99	0-01:48	1150e0	1150e0	1150e0	180	N	N	180
							0			0.1
18	53	99	0-01:48	1150e0	1150e0	1150e0	191.3	N	N	191.3
							0			0.1
19	53	99	0-01:48	1150e0	1150e0	1150e0	202.5	N	N	202.5
							0			0.1

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB				Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA263	R	

Orbital plane id. no.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4e Perigee	A4b4f Min. altitude	A4b5a Right asc.	A4b6c Station keeping	A4b6e Specific modelled station	A4b6g Long. asc. node
							A4b5c Arg. of perigee	A4b6d Repeat period	A4b6f Precession rate	A4b6j Long. tolerance
20	53	99	0-01:48	1150e0	1150e0	1150e0	213.8	N	N	213.8
							0			0.1
21	53	99	0-01:48	1150e0	1150e0	1150e0	225	N	N	225
							0			0.1
22	53	99	0-01:48	1150e0	1150e0	1150e0	236.3	N	N	236.3
							0			0.1
23	53	99	0-01:48	1150e0	1150e0	1150e0	247.5	N	N	247.5
							0			0.1
24	53	99	0-01:48	1150e0	1150e0	1150e0	258.8	N	N	258.8
							0			0.1
25	53	99	0-01:48	1150e0	1150e0	1150e0	270	N	N	270
							0			0.1
26	53	99	0-01:48	1150e0	1150e0	1150e0	281.3	N	N	281.3
							0			0.1
27	53	99	0-01:48	1150e0	1150e0	1150e0	292.5	N	N	292.5
							0			0.1
28	53	99	0-01:48	1150e0	1150e0	1150e0	303.8	N	N	303.8
							0			0.1
29	53	99	0-01:48	1150e0	1150e0	1150e0	315	N	N	315
							0			0.1
30	53	99	0-01:48	1150e0	1150e0	1150e0	326.3	N	N	326.3
							0			0.1
31	53	99	0-01:48	1150e0	1150e0	1150e0	337.5	N	N	337.5
							0			0.1
32	53	99	0-01:48	1150e0	1150e0	1150e0	348.8	N	N	348.8
							0			0.1
33	70	75	0-01:52	1325e0	1325e0	1325e0	0	N	N	0
							0			0.1
34	70	75	0-01:52	1325e0	1325e0	1325e0	60	N	N	60
							0			0.1
35	70	75	0-01:52	1325e0	1325e0	1325e0	120	N	N	120
							0			0.1
36	70	75	0-01:52	1325e0	1325e0	1325e0	180	N	N	180
							0			0.1
37	70	75	0-01:52	1325e0	1325e0	1325e0	240	N	N	240
							0			0.1
38	70	75	0-01:52	1325e0	1325e0	1325e0	300	N	N	300
							0			0.1
39	81	75	0-01:51	1275e0	1275e0	1275e0	0	N	N	0
							0			0.1
40	81	75	0-01:51	1275e0	1275e0	1275e0	72	N	N	72
							0			0.1
41	81	75	0-01:51	1275e0	1275e0	1275e0	144	N	N	144
							0			0.1

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB				Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA263	R

Orbital plane id. no.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4e Perigee	A4b4f Min. altitude	A4b5a Right asc.	A4b6c Station keeping	A4b6e Specific modelled station	A4b6g Long. asc. node
							A4b5c Arg. of perigee	A4b6d Repeat period	A4b6f Precession rate	A4b6j Long. tolerance
42	81	75	0-01:51	1275e0	1275e0	1275e0	216	N	N	216
43	81	75	0-01:51	1275e0	1275e0	1275e0	0			0.1
							288	N	N	288
							0			0.1

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
1	1	0	01.01.2015 / 00:00:00
1	2	3.6	01.01.2015 / 00:00:00
1	3	7.2	01.01.2015 / 00:00:00
1	4	10.8	01.01.2015 / 00:00:00
1	5	14.4	01.01.2015 / 00:00:00
1	6	18	01.01.2015 / 00:00:00
1	7	21.6	01.01.2015 / 00:00:00
1	8	25.2	01.01.2015 / 00:00:00
1	9	28.8	01.01.2015 / 00:00:00
1	10	32.4	01.01.2015 / 00:00:00
1	11	36	01.01.2015 / 00:00:00
1	12	39.6	01.01.2015 / 00:00:00
1	13	43.2	01.01.2015 / 00:00:00
1	14	46.8	01.01.2015 / 00:00:00
1	15	50.4	01.01.2015 / 00:00:00
1	16	54	01.01.2015 / 00:00:00
1	17	57.6	01.01.2015 / 00:00:00
1	18	61.2	01.01.2015 / 00:00:00
1	19	64.8	01.01.2015 / 00:00:00
1	20	68.4	01.01.2015 / 00:00:00
1	21	72	01.01.2015 / 00:00:00
1	22	75.6	01.01.2015 / 00:00:00
1	23	79.2	01.01.2015 / 00:00:00
1	24	82.8	01.01.2015 / 00:00:00
1	25	86.4	01.01.2015 / 00:00:00
1	26	90	01.01.2015 / 00:00:00
1	27	93.6	01.01.2015 / 00:00:00
1	28	97.2	01.01.2015 / 00:00:00
1	29	100.8	01.01.2015 / 00:00:00
1	30	104.4	01.01.2015 / 00:00:00
1	31	108	01.01.2015 / 00:00:00
1	32	111.6	01.01.2015 / 00:00:00
1	33	115.2	01.01.2015 / 00:00:00
1	34	118.8	01.01.2015 / 00:00:00
1	35	122.4	01.01.2015 / 00:00:00
1	36	126	01.01.2015 / 00:00:00
1	37	129.6	01.01.2015 / 00:00:00
1	38	133.2	01.01.2015 / 00:00:00
1	39	136.8	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
1	40	140.4	01.01.2015 / 00:00:00
1	41	144	01.01.2015 / 00:00:00
1	42	147.6	01.01.2015 / 00:00:00
1	43	151.2	01.01.2015 / 00:00:00
1	44	154.8	01.01.2015 / 00:00:00
1	45	158.4	01.01.2015 / 00:00:00
1	46	162	01.01.2015 / 00:00:00
1	47	165.6	01.01.2015 / 00:00:00
1	48	169.2	01.01.2015 / 00:00:00
1	49	172.8	01.01.2015 / 00:00:00
1	50	176.4	01.01.2015 / 00:00:00
1	51	180	01.01.2015 / 00:00:00
1	52	183.6	01.01.2015 / 00:00:00
1	53	187.2	01.01.2015 / 00:00:00
1	54	190.8	01.01.2015 / 00:00:00
1	55	194.4	01.01.2015 / 00:00:00
1	56	198	01.01.2015 / 00:00:00
1	57	201.6	01.01.2015 / 00:00:00
1	58	205.2	01.01.2015 / 00:00:00
1	59	208.8	01.01.2015 / 00:00:00
1	60	212.4	01.01.2015 / 00:00:00
1	61	216	01.01.2015 / 00:00:00
1	62	219.6	01.01.2015 / 00:00:00
1	63	223.2	01.01.2015 / 00:00:00
1	64	226.8	01.01.2015 / 00:00:00
1	65	230.4	01.01.2015 / 00:00:00
1	66	234	01.01.2015 / 00:00:00
1	67	237.6	01.01.2015 / 00:00:00
1	68	241.2	01.01.2015 / 00:00:00
1	69	244.8	01.01.2015 / 00:00:00
1	70	248.4	01.01.2015 / 00:00:00
1	71	252	01.01.2015 / 00:00:00
1	72	255.6	01.01.2015 / 00:00:00
1	73	259.2	01.01.2015 / 00:00:00
1	74	262.8	01.01.2015 / 00:00:00
1	75	266.4	01.01.2015 / 00:00:00
1	76	270	01.01.2015 / 00:00:00
1	77	273.6	01.01.2015 / 00:00:00
1	78	277.2	01.01.2015 / 00:00:00
1	79	280.8	01.01.2015 / 00:00:00
1	80	284.4	01.01.2015 / 00:00:00
1	81	288	01.01.2015 / 00:00:00
1	82	291.6	01.01.2015 / 00:00:00
1	83	295.2	01.01.2015 / 00:00:00
1	84	298.8	01.01.2015 / 00:00:00
1	85	302.4	01.01.2015 / 00:00:00
1	86	306	01.01.2015 / 00:00:00
1	87	309.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
1	88	313.2	01.01.2015 / 00:00:00
1	89	316.8	01.01.2015 / 00:00:00
1	90	320.4	01.01.2015 / 00:00:00
1	91	324	01.01.2015 / 00:00:00
1	92	327.6	01.01.2015 / 00:00:00
1	93	331.2	01.01.2015 / 00:00:00
1	94	334.8	01.01.2015 / 00:00:00
1	95	338.4	01.01.2015 / 00:00:00
1	96	342	01.01.2015 / 00:00:00
1	97	345.6	01.01.2015 / 00:00:00
1	98	349.2	01.01.2015 / 00:00:00
1	99	352.8	01.01.2015 / 00:00:00
2	1	1.9	01.01.2015 / 00:00:00
2	2	5.5	01.01.2015 / 00:00:00
2	3	9.1	01.01.2015 / 00:00:00
2	4	12.7	01.01.2015 / 00:00:00
2	5	16.3	01.01.2015 / 00:00:00
2	6	19.9	01.01.2015 / 00:00:00
2	7	23.5	01.01.2015 / 00:00:00
2	8	27.1	01.01.2015 / 00:00:00
2	9	30.7	01.01.2015 / 00:00:00
2	10	34.3	01.01.2015 / 00:00:00
2	11	37.9	01.01.2015 / 00:00:00
2	12	41.5	01.01.2015 / 00:00:00
2	13	45.1	01.01.2015 / 00:00:00
2	14	48.7	01.01.2015 / 00:00:00
2	15	52.3	01.01.2015 / 00:00:00
2	16	55.9	01.01.2015 / 00:00:00
2	17	59.5	01.01.2015 / 00:00:00
2	18	63.1	01.01.2015 / 00:00:00
2	19	66.7	01.01.2015 / 00:00:00
2	20	70.3	01.01.2015 / 00:00:00
2	21	73.9	01.01.2015 / 00:00:00
2	22	77.5	01.01.2015 / 00:00:00
2	23	81.1	01.01.2015 / 00:00:00
2	24	84.7	01.01.2015 / 00:00:00
2	25	88.3	01.01.2015 / 00:00:00
2	26	91.9	01.01.2015 / 00:00:00
2	27	95.5	01.01.2015 / 00:00:00
2	28	99.1	01.01.2015 / 00:00:00
2	29	102.7	01.01.2015 / 00:00:00
2	30	106.3	01.01.2015 / 00:00:00
2	31	109.9	01.01.2015 / 00:00:00
2	32	113.5	01.01.2015 / 00:00:00
2	33	117.1	01.01.2015 / 00:00:00
2	34	120.7	01.01.2015 / 00:00:00
2	35	124.3	01.01.2015 / 00:00:00
2	36	127.9	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
2	37	131.5	01.01.2015 / 00:00:00
2	38	135.1	01.01.2015 / 00:00:00
2	39	138.7	01.01.2015 / 00:00:00
2	40	142.3	01.01.2015 / 00:00:00
2	41	145.9	01.01.2015 / 00:00:00
2	42	149.5	01.01.2015 / 00:00:00
2	43	153.1	01.01.2015 / 00:00:00
2	44	156.7	01.01.2015 / 00:00:00
2	45	160.3	01.01.2015 / 00:00:00
2	46	163.9	01.01.2015 / 00:00:00
2	47	167.5	01.01.2015 / 00:00:00
2	48	171.1	01.01.2015 / 00:00:00
2	49	174.7	01.01.2015 / 00:00:00
2	50	178.3	01.01.2015 / 00:00:00
2	51	181.9	01.01.2015 / 00:00:00
2	52	185.5	01.01.2015 / 00:00:00
2	53	189.1	01.01.2015 / 00:00:00
2	54	192.7	01.01.2015 / 00:00:00
2	55	196.3	01.01.2015 / 00:00:00
2	56	199.9	01.01.2015 / 00:00:00
2	57	203.5	01.01.2015 / 00:00:00
2	58	207.1	01.01.2015 / 00:00:00
2	59	210.7	01.01.2015 / 00:00:00
2	60	214.3	01.01.2015 / 00:00:00
2	61	217.9	01.01.2015 / 00:00:00
2	62	221.5	01.01.2015 / 00:00:00
2	63	225.1	01.01.2015 / 00:00:00
2	64	228.7	01.01.2015 / 00:00:00
2	65	232.3	01.01.2015 / 00:00:00
2	66	235.9	01.01.2015 / 00:00:00
2	67	239.5	01.01.2015 / 00:00:00
2	68	243.1	01.01.2015 / 00:00:00
2	69	246.7	01.01.2015 / 00:00:00
2	70	250.3	01.01.2015 / 00:00:00
2	71	253.9	01.01.2015 / 00:00:00
2	72	257.5	01.01.2015 / 00:00:00
2	73	261.1	01.01.2015 / 00:00:00
2	74	264.7	01.01.2015 / 00:00:00
2	75	268.3	01.01.2015 / 00:00:00
2	76	271.9	01.01.2015 / 00:00:00
2	77	275.5	01.01.2015 / 00:00:00
2	78	279.1	01.01.2015 / 00:00:00
2	79	282.7	01.01.2015 / 00:00:00
2	80	286.3	01.01.2015 / 00:00:00
2	81	289.9	01.01.2015 / 00:00:00
2	82	293.5	01.01.2015 / 00:00:00
2	83	297.1	01.01.2015 / 00:00:00
2	84	300.7	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
2	85	304.3	01.01.2015 / 00:00:00
2	86	307.9	01.01.2015 / 00:00:00
2	87	311.5	01.01.2015 / 00:00:00
2	88	315.1	01.01.2015 / 00:00:00
2	89	318.7	01.01.2015 / 00:00:00
2	90	322.3	01.01.2015 / 00:00:00
2	91	325.9	01.01.2015 / 00:00:00
2	92	329.5	01.01.2015 / 00:00:00
2	93	333.1	01.01.2015 / 00:00:00
2	94	336.7	01.01.2015 / 00:00:00
2	95	340.3	01.01.2015 / 00:00:00
2	96	343.9	01.01.2015 / 00:00:00
2	97	347.5	01.01.2015 / 00:00:00
2	98	351.1	01.01.2015 / 00:00:00
2	99	354.7	01.01.2015 / 00:00:00
3	1	3.8	01.01.2015 / 00:00:00
3	2	7.4	01.01.2015 / 00:00:00
3	3	11	01.01.2015 / 00:00:00
3	4	14.6	01.01.2015 / 00:00:00
3	5	18.2	01.01.2015 / 00:00:00
3	6	21.8	01.01.2015 / 00:00:00
3	7	25.4	01.01.2015 / 00:00:00
3	8	29	01.01.2015 / 00:00:00
3	9	32.6	01.01.2015 / 00:00:00
3	10	36.2	01.01.2015 / 00:00:00
3	11	39.8	01.01.2015 / 00:00:00
3	12	43.4	01.01.2015 / 00:00:00
3	13	47	01.01.2015 / 00:00:00
3	14	50.6	01.01.2015 / 00:00:00
3	15	54.2	01.01.2015 / 00:00:00
3	16	57.8	01.01.2015 / 00:00:00
3	17	61.4	01.01.2015 / 00:00:00
3	18	65	01.01.2015 / 00:00:00
3	19	68.6	01.01.2015 / 00:00:00
3	20	72.2	01.01.2015 / 00:00:00
3	21	75.8	01.01.2015 / 00:00:00
3	22	79.4	01.01.2015 / 00:00:00
3	23	83	01.01.2015 / 00:00:00
3	24	86.6	01.01.2015 / 00:00:00
3	25	90.2	01.01.2015 / 00:00:00
3	26	93.8	01.01.2015 / 00:00:00
3	27	97.4	01.01.2015 / 00:00:00
3	28	101	01.01.2015 / 00:00:00
3	29	104.6	01.01.2015 / 00:00:00
3	30	108.2	01.01.2015 / 00:00:00
3	31	111.8	01.01.2015 / 00:00:00
3	32	115.4	01.01.2015 / 00:00:00
3	33	119	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
3	34	122.6	01.01.2015 / 00:00:00
3	35	126.2	01.01.2015 / 00:00:00
3	36	129.8	01.01.2015 / 00:00:00
3	37	133.4	01.01.2015 / 00:00:00
3	38	137	01.01.2015 / 00:00:00
3	39	140.6	01.01.2015 / 00:00:00
3	40	144.2	01.01.2015 / 00:00:00
3	41	147.8	01.01.2015 / 00:00:00
3	42	151.4	01.01.2015 / 00:00:00
3	43	155	01.01.2015 / 00:00:00
3	44	158.6	01.01.2015 / 00:00:00
3	45	162.2	01.01.2015 / 00:00:00
3	46	165.8	01.01.2015 / 00:00:00
3	47	169.4	01.01.2015 / 00:00:00
3	48	173	01.01.2015 / 00:00:00
3	49	176.6	01.01.2015 / 00:00:00
3	50	180.2	01.01.2015 / 00:00:00
3	51	183.8	01.01.2015 / 00:00:00
3	52	187.4	01.01.2015 / 00:00:00
3	53	191	01.01.2015 / 00:00:00
3	54	194.6	01.01.2015 / 00:00:00
3	55	198.2	01.01.2015 / 00:00:00
3	56	201.8	01.01.2015 / 00:00:00
3	57	205.4	01.01.2015 / 00:00:00
3	58	209	01.01.2015 / 00:00:00
3	59	212.6	01.01.2015 / 00:00:00
3	60	216.2	01.01.2015 / 00:00:00
3	61	219.8	01.01.2015 / 00:00:00
3	62	223.4	01.01.2015 / 00:00:00
3	63	227	01.01.2015 / 00:00:00
3	64	230.6	01.01.2015 / 00:00:00
3	65	234.2	01.01.2015 / 00:00:00
3	66	237.8	01.01.2015 / 00:00:00
3	67	241.4	01.01.2015 / 00:00:00
3	68	245	01.01.2015 / 00:00:00
3	69	248.6	01.01.2015 / 00:00:00
3	70	252.2	01.01.2015 / 00:00:00
3	71	255.8	01.01.2015 / 00:00:00
3	72	259.4	01.01.2015 / 00:00:00
3	73	263	01.01.2015 / 00:00:00
3	74	266.6	01.01.2015 / 00:00:00
3	75	270.2	01.01.2015 / 00:00:00
3	76	273.8	01.01.2015 / 00:00:00
3	77	277.4	01.01.2015 / 00:00:00
3	78	281	01.01.2015 / 00:00:00
3	79	284.6	01.01.2015 / 00:00:00
3	80	288.2	01.01.2015 / 00:00:00
3	81	291.8	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
3	82	295.4	01.01.2015 / 00:00:00
3	83	299	01.01.2015 / 00:00:00
3	84	302.6	01.01.2015 / 00:00:00
3	85	306.2	01.01.2015 / 00:00:00
3	86	309.8	01.01.2015 / 00:00:00
3	87	313.4	01.01.2015 / 00:00:00
3	88	317	01.01.2015 / 00:00:00
3	89	320.6	01.01.2015 / 00:00:00
3	90	324.2	01.01.2015 / 00:00:00
3	91	327.8	01.01.2015 / 00:00:00
3	92	331.4	01.01.2015 / 00:00:00
3	93	335	01.01.2015 / 00:00:00
3	94	338.6	01.01.2015 / 00:00:00
3	95	342.2	01.01.2015 / 00:00:00
3	96	345.8	01.01.2015 / 00:00:00
3	97	349.4	01.01.2015 / 00:00:00
3	98	353	01.01.2015 / 00:00:00
3	99	356.6	01.01.2015 / 00:00:00
4	1	5.7	01.01.2015 / 00:00:00
4	2	9.3	01.01.2015 / 00:00:00
4	3	12.9	01.01.2015 / 00:00:00
4	4	16.5	01.01.2015 / 00:00:00
4	5	20.1	01.01.2015 / 00:00:00
4	6	23.7	01.01.2015 / 00:00:00
4	7	27.3	01.01.2015 / 00:00:00
4	8	30.9	01.01.2015 / 00:00:00
4	9	34.5	01.01.2015 / 00:00:00
4	10	38.1	01.01.2015 / 00:00:00
4	11	41.7	01.01.2015 / 00:00:00
4	12	45.3	01.01.2015 / 00:00:00
4	13	48.9	01.01.2015 / 00:00:00
4	14	52.5	01.01.2015 / 00:00:00
4	15	56.1	01.01.2015 / 00:00:00
4	16	59.7	01.01.2015 / 00:00:00
4	17	63.3	01.01.2015 / 00:00:00
4	18	66.9	01.01.2015 / 00:00:00
4	19	70.5	01.01.2015 / 00:00:00
4	20	74.1	01.01.2015 / 00:00:00
4	21	77.7	01.01.2015 / 00:00:00
4	22	81.3	01.01.2015 / 00:00:00
4	23	84.9	01.01.2015 / 00:00:00
4	24	88.5	01.01.2015 / 00:00:00
4	25	92.1	01.01.2015 / 00:00:00
4	26	95.7	01.01.2015 / 00:00:00
4	27	99.3	01.01.2015 / 00:00:00
4	28	102.9	01.01.2015 / 00:00:00
4	29	106.5	01.01.2015 / 00:00:00
4	30	110.1	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
4	31	113.7	01.01.2015 / 00:00:00
4	32	117.3	01.01.2015 / 00:00:00
4	33	120.9	01.01.2015 / 00:00:00
4	34	124.5	01.01.2015 / 00:00:00
4	35	128.1	01.01.2015 / 00:00:00
4	36	131.7	01.01.2015 / 00:00:00
4	37	135.3	01.01.2015 / 00:00:00
4	38	138.9	01.01.2015 / 00:00:00
4	39	142.5	01.01.2015 / 00:00:00
4	40	146.1	01.01.2015 / 00:00:00
4	41	149.7	01.01.2015 / 00:00:00
4	42	153.3	01.01.2015 / 00:00:00
4	43	156.9	01.01.2015 / 00:00:00
4	44	160.5	01.01.2015 / 00:00:00
4	45	164.1	01.01.2015 / 00:00:00
4	46	167.7	01.01.2015 / 00:00:00
4	47	171.3	01.01.2015 / 00:00:00
4	48	174.9	01.01.2015 / 00:00:00
4	49	178.5	01.01.2015 / 00:00:00
4	50	182.1	01.01.2015 / 00:00:00
4	51	185.7	01.01.2015 / 00:00:00
4	52	189.3	01.01.2015 / 00:00:00
4	53	192.9	01.01.2015 / 00:00:00
4	54	196.5	01.01.2015 / 00:00:00
4	55	200.1	01.01.2015 / 00:00:00
4	56	203.7	01.01.2015 / 00:00:00
4	57	207.3	01.01.2015 / 00:00:00
4	58	210.9	01.01.2015 / 00:00:00
4	59	214.5	01.01.2015 / 00:00:00
4	60	218.1	01.01.2015 / 00:00:00
4	61	221.7	01.01.2015 / 00:00:00
4	62	225.3	01.01.2015 / 00:00:00
4	63	228.9	01.01.2015 / 00:00:00
4	64	232.5	01.01.2015 / 00:00:00
4	65	236.1	01.01.2015 / 00:00:00
4	66	239.7	01.01.2015 / 00:00:00
4	67	243.3	01.01.2015 / 00:00:00
4	68	246.9	01.01.2015 / 00:00:00
4	69	250.5	01.01.2015 / 00:00:00
4	70	254.1	01.01.2015 / 00:00:00
4	71	257.7	01.01.2015 / 00:00:00
4	72	261.3	01.01.2015 / 00:00:00
4	73	264.9	01.01.2015 / 00:00:00
4	74	268.5	01.01.2015 / 00:00:00
4	75	272.1	01.01.2015 / 00:00:00
4	76	275.7	01.01.2015 / 00:00:00
4	77	279.3	01.01.2015 / 00:00:00
4	78	282.9	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
4	79	286.5	01.01.2015 / 00:00:00
4	80	290.1	01.01.2015 / 00:00:00
4	81	293.7	01.01.2015 / 00:00:00
4	82	297.3	01.01.2015 / 00:00:00
4	83	300.9	01.01.2015 / 00:00:00
4	84	304.5	01.01.2015 / 00:00:00
4	85	308.1	01.01.2015 / 00:00:00
4	86	311.7	01.01.2015 / 00:00:00
4	87	315.3	01.01.2015 / 00:00:00
4	88	318.9	01.01.2015 / 00:00:00
4	89	322.5	01.01.2015 / 00:00:00
4	90	326.1	01.01.2015 / 00:00:00
4	91	329.7	01.01.2015 / 00:00:00
4	92	333.3	01.01.2015 / 00:00:00
4	93	336.9	01.01.2015 / 00:00:00
4	94	340.5	01.01.2015 / 00:00:00
4	95	344.1	01.01.2015 / 00:00:00
4	96	347.7	01.01.2015 / 00:00:00
4	97	351.3	01.01.2015 / 00:00:00
4	98	354.9	01.01.2015 / 00:00:00
4	99	358.5	01.01.2015 / 00:00:00
5	1	7.7	01.01.2015 / 00:00:00
5	2	11.3	01.01.2015 / 00:00:00
5	3	14.9	01.01.2015 / 00:00:00
5	4	18.5	01.01.2015 / 00:00:00
5	5	22.1	01.01.2015 / 00:00:00
5	6	25.7	01.01.2015 / 00:00:00
5	7	29.3	01.01.2015 / 00:00:00
5	8	32.9	01.01.2015 / 00:00:00
5	9	36.5	01.01.2015 / 00:00:00
5	10	40.1	01.01.2015 / 00:00:00
5	11	43.7	01.01.2015 / 00:00:00
5	12	47.3	01.01.2015 / 00:00:00
5	13	50.9	01.01.2015 / 00:00:00
5	14	54.5	01.01.2015 / 00:00:00
5	15	58.1	01.01.2015 / 00:00:00
5	16	61.7	01.01.2015 / 00:00:00
5	17	65.3	01.01.2015 / 00:00:00
5	18	68.9	01.01.2015 / 00:00:00
5	19	72.5	01.01.2015 / 00:00:00
5	20	76.1	01.01.2015 / 00:00:00
5	21	79.7	01.01.2015 / 00:00:00
5	22	83.3	01.01.2015 / 00:00:00
5	23	86.9	01.01.2015 / 00:00:00
5	24	90.5	01.01.2015 / 00:00:00
5	25	94.1	01.01.2015 / 00:00:00
5	26	97.7	01.01.2015 / 00:00:00
5	27	101.3	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
5	28	104.9	01.01.2015 / 00:00:00
5	29	108.5	01.01.2015 / 00:00:00
5	30	112.1	01.01.2015 / 00:00:00
5	31	115.7	01.01.2015 / 00:00:00
5	32	119.3	01.01.2015 / 00:00:00
5	33	122.9	01.01.2015 / 00:00:00
5	34	126.5	01.01.2015 / 00:00:00
5	35	130.1	01.01.2015 / 00:00:00
5	36	133.7	01.01.2015 / 00:00:00
5	37	137.3	01.01.2015 / 00:00:00
5	38	140.9	01.01.2015 / 00:00:00
5	39	144.5	01.01.2015 / 00:00:00
5	40	148.1	01.01.2015 / 00:00:00
5	41	151.7	01.01.2015 / 00:00:00
5	42	155.3	01.01.2015 / 00:00:00
5	43	158.9	01.01.2015 / 00:00:00
5	44	162.5	01.01.2015 / 00:00:00
5	45	166.1	01.01.2015 / 00:00:00
5	46	169.7	01.01.2015 / 00:00:00
5	47	173.3	01.01.2015 / 00:00:00
5	48	176.9	01.01.2015 / 00:00:00
5	49	180.5	01.01.2015 / 00:00:00
5	50	184.1	01.01.2015 / 00:00:00
5	51	187.7	01.01.2015 / 00:00:00
5	52	191.3	01.01.2015 / 00:00:00
5	53	194.9	01.01.2015 / 00:00:00
5	54	198.5	01.01.2015 / 00:00:00
5	55	202.1	01.01.2015 / 00:00:00
5	56	205.7	01.01.2015 / 00:00:00
5	57	209.3	01.01.2015 / 00:00:00
5	58	212.9	01.01.2015 / 00:00:00
5	59	216.5	01.01.2015 / 00:00:00
5	60	220.1	01.01.2015 / 00:00:00
5	61	223.7	01.01.2015 / 00:00:00
5	62	227.3	01.01.2015 / 00:00:00
5	63	230.9	01.01.2015 / 00:00:00
5	64	234.5	01.01.2015 / 00:00:00
5	65	238.1	01.01.2015 / 00:00:00
5	66	241.7	01.01.2015 / 00:00:00
5	67	245.3	01.01.2015 / 00:00:00
5	68	248.9	01.01.2015 / 00:00:00
5	69	252.5	01.01.2015 / 00:00:00
5	70	256.1	01.01.2015 / 00:00:00
5	71	259.7	01.01.2015 / 00:00:00
5	72	263.3	01.01.2015 / 00:00:00
5	73	266.9	01.01.2015 / 00:00:00
5	74	270.5	01.01.2015 / 00:00:00
5	75	274.1	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
5	76	277.7	01.01.2015 / 00:00:00
5	77	281.3	01.01.2015 / 00:00:00
5	78	284.9	01.01.2015 / 00:00:00
5	79	288.5	01.01.2015 / 00:00:00
5	80	292.1	01.01.2015 / 00:00:00
5	81	295.7	01.01.2015 / 00:00:00
5	82	299.3	01.01.2015 / 00:00:00
5	83	302.9	01.01.2015 / 00:00:00
5	84	306.5	01.01.2015 / 00:00:00
5	85	310.1	01.01.2015 / 00:00:00
5	86	313.7	01.01.2015 / 00:00:00
5	87	317.3	01.01.2015 / 00:00:00
5	88	320.9	01.01.2015 / 00:00:00
5	89	324.5	01.01.2015 / 00:00:00
5	90	328.1	01.01.2015 / 00:00:00
5	91	331.7	01.01.2015 / 00:00:00
5	92	335.3	01.01.2015 / 00:00:00
5	93	338.9	01.01.2015 / 00:00:00
5	94	342.5	01.01.2015 / 00:00:00
5	95	346.1	01.01.2015 / 00:00:00
5	96	349.7	01.01.2015 / 00:00:00
5	97	353.3	01.01.2015 / 00:00:00
5	98	356.9	01.01.2015 / 00:00:00
5	99	0.5	01.01.2015 / 00:00:00
6	1	9.6	01.01.2015 / 00:00:00
6	2	13.2	01.01.2015 / 00:00:00
6	3	16.8	01.01.2015 / 00:00:00
6	4	20.4	01.01.2015 / 00:00:00
6	5	24	01.01.2015 / 00:00:00
6	6	27.6	01.01.2015 / 00:00:00
6	7	31.2	01.01.2015 / 00:00:00
6	8	34.8	01.01.2015 / 00:00:00
6	9	38.4	01.01.2015 / 00:00:00
6	10	42	01.01.2015 / 00:00:00
6	11	45.6	01.01.2015 / 00:00:00
6	12	49.2	01.01.2015 / 00:00:00
6	13	52.8	01.01.2015 / 00:00:00
6	14	56.4	01.01.2015 / 00:00:00
6	15	60	01.01.2015 / 00:00:00
6	16	63.6	01.01.2015 / 00:00:00
6	17	67.2	01.01.2015 / 00:00:00
6	18	70.8	01.01.2015 / 00:00:00
6	19	74.4	01.01.2015 / 00:00:00
6	20	78	01.01.2015 / 00:00:00
6	21	81.6	01.01.2015 / 00:00:00
6	22	85.2	01.01.2015 / 00:00:00
6	23	88.8	01.01.2015 / 00:00:00
6	24	92.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
6	25	96	01.01.2015 / 00:00:00
6	26	99.6	01.01.2015 / 00:00:00
6	27	103.2	01.01.2015 / 00:00:00
6	28	106.8	01.01.2015 / 00:00:00
6	29	110.4	01.01.2015 / 00:00:00
6	30	114	01.01.2015 / 00:00:00
6	31	117.6	01.01.2015 / 00:00:00
6	32	121.2	01.01.2015 / 00:00:00
6	33	124.8	01.01.2015 / 00:00:00
6	34	128.4	01.01.2015 / 00:00:00
6	35	132	01.01.2015 / 00:00:00
6	36	135.6	01.01.2015 / 00:00:00
6	37	139.2	01.01.2015 / 00:00:00
6	38	142.8	01.01.2015 / 00:00:00
6	39	146.4	01.01.2015 / 00:00:00
6	40	150	01.01.2015 / 00:00:00
6	41	153.6	01.01.2015 / 00:00:00
6	42	157.2	01.01.2015 / 00:00:00
6	43	160.8	01.01.2015 / 00:00:00
6	44	164.4	01.01.2015 / 00:00:00
6	45	168	01.01.2015 / 00:00:00
6	46	171.6	01.01.2015 / 00:00:00
6	47	175.2	01.01.2015 / 00:00:00
6	48	178.8	01.01.2015 / 00:00:00
6	49	182.4	01.01.2015 / 00:00:00
6	50	186	01.01.2015 / 00:00:00
6	51	189.6	01.01.2015 / 00:00:00
6	52	193.2	01.01.2015 / 00:00:00
6	53	196.8	01.01.2015 / 00:00:00
6	54	200.4	01.01.2015 / 00:00:00
6	55	204	01.01.2015 / 00:00:00
6	56	207.6	01.01.2015 / 00:00:00
6	57	211.2	01.01.2015 / 00:00:00
6	58	214.8	01.01.2015 / 00:00:00
6	59	218.4	01.01.2015 / 00:00:00
6	60	222	01.01.2015 / 00:00:00
6	61	225.6	01.01.2015 / 00:00:00
6	62	229.2	01.01.2015 / 00:00:00
6	63	232.8	01.01.2015 / 00:00:00
6	64	236.4	01.01.2015 / 00:00:00
6	65	240	01.01.2015 / 00:00:00
6	66	243.6	01.01.2015 / 00:00:00
6	67	247.2	01.01.2015 / 00:00:00
6	68	250.8	01.01.2015 / 00:00:00
6	69	254.4	01.01.2015 / 00:00:00
6	70	258	01.01.2015 / 00:00:00
6	71	261.6	01.01.2015 / 00:00:00
6	72	265.2	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
6	73	268.8	01.01.2015 / 00:00:00
6	74	272.4	01.01.2015 / 00:00:00
6	75	276	01.01.2015 / 00:00:00
6	76	279.6	01.01.2015 / 00:00:00
6	77	283.2	01.01.2015 / 00:00:00
6	78	286.8	01.01.2015 / 00:00:00
6	79	290.4	01.01.2015 / 00:00:00
6	80	294	01.01.2015 / 00:00:00
6	81	297.6	01.01.2015 / 00:00:00
6	82	301.2	01.01.2015 / 00:00:00
6	83	304.8	01.01.2015 / 00:00:00
6	84	308.4	01.01.2015 / 00:00:00
6	85	312	01.01.2015 / 00:00:00
6	86	315.6	01.01.2015 / 00:00:00
6	87	319.2	01.01.2015 / 00:00:00
6	88	322.8	01.01.2015 / 00:00:00
6	89	326.4	01.01.2015 / 00:00:00
6	90	330	01.01.2015 / 00:00:00
6	91	333.6	01.01.2015 / 00:00:00
6	92	337.2	01.01.2015 / 00:00:00
6	93	340.8	01.01.2015 / 00:00:00
6	94	344.4	01.01.2015 / 00:00:00
6	95	348	01.01.2015 / 00:00:00
6	96	351.6	01.01.2015 / 00:00:00
6	97	355.2	01.01.2015 / 00:00:00
6	98	358.8	01.01.2015 / 00:00:00
6	99	2.4	01.01.2015 / 00:00:00
7	1	11.5	01.01.2015 / 00:00:00
7	2	15.1	01.01.2015 / 00:00:00
7	3	18.7	01.01.2015 / 00:00:00
7	4	22.3	01.01.2015 / 00:00:00
7	5	25.9	01.01.2015 / 00:00:00
7	6	29.5	01.01.2015 / 00:00:00
7	7	33.1	01.01.2015 / 00:00:00
7	8	36.7	01.01.2015 / 00:00:00
7	9	40.3	01.01.2015 / 00:00:00
7	10	43.9	01.01.2015 / 00:00:00
7	11	47.5	01.01.2015 / 00:00:00
7	12	51.1	01.01.2015 / 00:00:00
7	13	54.7	01.01.2015 / 00:00:00
7	14	58.3	01.01.2015 / 00:00:00
7	15	61.9	01.01.2015 / 00:00:00
7	16	65.5	01.01.2015 / 00:00:00
7	17	69.1	01.01.2015 / 00:00:00
7	18	72.7	01.01.2015 / 00:00:00
7	19	76.3	01.01.2015 / 00:00:00
7	20	79.9	01.01.2015 / 00:00:00
7	21	83.5	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
7	22	87.1	01.01.2015 / 00:00:00
7	23	90.7	01.01.2015 / 00:00:00
7	24	94.3	01.01.2015 / 00:00:00
7	25	97.9	01.01.2015 / 00:00:00
7	26	101.5	01.01.2015 / 00:00:00
7	27	105.1	01.01.2015 / 00:00:00
7	28	108.7	01.01.2015 / 00:00:00
7	29	112.3	01.01.2015 / 00:00:00
7	30	115.9	01.01.2015 / 00:00:00
7	31	119.5	01.01.2015 / 00:00:00
7	32	123.1	01.01.2015 / 00:00:00
7	33	126.7	01.01.2015 / 00:00:00
7	34	130.3	01.01.2015 / 00:00:00
7	35	133.9	01.01.2015 / 00:00:00
7	36	137.5	01.01.2015 / 00:00:00
7	37	141.1	01.01.2015 / 00:00:00
7	38	144.7	01.01.2015 / 00:00:00
7	39	148.3	01.01.2015 / 00:00:00
7	40	151.9	01.01.2015 / 00:00:00
7	41	155.5	01.01.2015 / 00:00:00
7	42	159.1	01.01.2015 / 00:00:00
7	43	162.7	01.01.2015 / 00:00:00
7	44	166.3	01.01.2015 / 00:00:00
7	45	169.9	01.01.2015 / 00:00:00
7	46	173.5	01.01.2015 / 00:00:00
7	47	177.1	01.01.2015 / 00:00:00
7	48	180.7	01.01.2015 / 00:00:00
7	49	184.3	01.01.2015 / 00:00:00
7	50	187.9	01.01.2015 / 00:00:00
7	51	191.5	01.01.2015 / 00:00:00
7	52	195.1	01.01.2015 / 00:00:00
7	53	198.7	01.01.2015 / 00:00:00
7	54	202.3	01.01.2015 / 00:00:00
7	55	205.9	01.01.2015 / 00:00:00
7	56	209.5	01.01.2015 / 00:00:00
7	57	213.1	01.01.2015 / 00:00:00
7	58	216.7	01.01.2015 / 00:00:00
7	59	220.3	01.01.2015 / 00:00:00
7	60	223.9	01.01.2015 / 00:00:00
7	61	227.5	01.01.2015 / 00:00:00
7	62	231.1	01.01.2015 / 00:00:00
7	63	234.7	01.01.2015 / 00:00:00
7	64	238.3	01.01.2015 / 00:00:00
7	65	241.9	01.01.2015 / 00:00:00
7	66	245.5	01.01.2015 / 00:00:00
7	67	249.1	01.01.2015 / 00:00:00
7	68	252.7	01.01.2015 / 00:00:00
7	69	256.3	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
7	70	259.9	01.01.2015 / 00:00:00
7	71	263.5	01.01.2015 / 00:00:00
7	72	267.1	01.01.2015 / 00:00:00
7	73	270.7	01.01.2015 / 00:00:00
7	74	274.3	01.01.2015 / 00:00:00
7	75	277.9	01.01.2015 / 00:00:00
7	76	281.5	01.01.2015 / 00:00:00
7	77	285.1	01.01.2015 / 00:00:00
7	78	288.7	01.01.2015 / 00:00:00
7	79	292.3	01.01.2015 / 00:00:00
7	80	295.9	01.01.2015 / 00:00:00
7	81	299.5	01.01.2015 / 00:00:00
7	82	303.1	01.01.2015 / 00:00:00
7	83	306.7	01.01.2015 / 00:00:00
7	84	310.3	01.01.2015 / 00:00:00
7	85	313.9	01.01.2015 / 00:00:00
7	86	317.5	01.01.2015 / 00:00:00
7	87	321.1	01.01.2015 / 00:00:00
7	88	324.7	01.01.2015 / 00:00:00
7	89	328.3	01.01.2015 / 00:00:00
7	90	331.9	01.01.2015 / 00:00:00
7	91	335.5	01.01.2015 / 00:00:00
7	92	339.1	01.01.2015 / 00:00:00
7	93	342.7	01.01.2015 / 00:00:00
7	94	346.3	01.01.2015 / 00:00:00
7	95	349.9	01.01.2015 / 00:00:00
7	96	353.5	01.01.2015 / 00:00:00
7	97	357.1	01.01.2015 / 00:00:00
7	98	0.7	01.01.2015 / 00:00:00
7	99	4.3	01.01.2015 / 00:00:00
8	1	13.4	01.01.2015 / 00:00:00
8	2	17	01.01.2015 / 00:00:00
8	3	20.6	01.01.2015 / 00:00:00
8	4	24.2	01.01.2015 / 00:00:00
8	5	27.8	01.01.2015 / 00:00:00
8	6	31.4	01.01.2015 / 00:00:00
8	7	35	01.01.2015 / 00:00:00
8	8	38.6	01.01.2015 / 00:00:00
8	9	42.2	01.01.2015 / 00:00:00
8	10	45.8	01.01.2015 / 00:00:00
8	11	49.4	01.01.2015 / 00:00:00
8	12	53	01.01.2015 / 00:00:00
8	13	56.6	01.01.2015 / 00:00:00
8	14	60.2	01.01.2015 / 00:00:00
8	15	63.8	01.01.2015 / 00:00:00
8	16	67.4	01.01.2015 / 00:00:00
8	17	71	01.01.2015 / 00:00:00
8	18	74.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
8	19	78.2	01.01.2015 / 00:00:00
8	20	81.8	01.01.2015 / 00:00:00
8	21	85.4	01.01.2015 / 00:00:00
8	22	89	01.01.2015 / 00:00:00
8	23	92.6	01.01.2015 / 00:00:00
8	24	96.2	01.01.2015 / 00:00:00
8	25	99.8	01.01.2015 / 00:00:00
8	26	103.4	01.01.2015 / 00:00:00
8	27	107	01.01.2015 / 00:00:00
8	28	110.6	01.01.2015 / 00:00:00
8	29	114.2	01.01.2015 / 00:00:00
8	30	117.8	01.01.2015 / 00:00:00
8	31	121.4	01.01.2015 / 00:00:00
8	32	125	01.01.2015 / 00:00:00
8	33	128.6	01.01.2015 / 00:00:00
8	34	132.2	01.01.2015 / 00:00:00
8	35	135.8	01.01.2015 / 00:00:00
8	36	139.4	01.01.2015 / 00:00:00
8	37	143	01.01.2015 / 00:00:00
8	38	146.6	01.01.2015 / 00:00:00
8	39	150.2	01.01.2015 / 00:00:00
8	40	153.8	01.01.2015 / 00:00:00
8	41	157.4	01.01.2015 / 00:00:00
8	42	161	01.01.2015 / 00:00:00
8	43	164.6	01.01.2015 / 00:00:00
8	44	168.2	01.01.2015 / 00:00:00
8	45	171.8	01.01.2015 / 00:00:00
8	46	175.4	01.01.2015 / 00:00:00
8	47	179	01.01.2015 / 00:00:00
8	48	182.6	01.01.2015 / 00:00:00
8	49	186.2	01.01.2015 / 00:00:00
8	50	189.8	01.01.2015 / 00:00:00
8	51	193.4	01.01.2015 / 00:00:00
8	52	197	01.01.2015 / 00:00:00
8	53	200.6	01.01.2015 / 00:00:00
8	54	204.2	01.01.2015 / 00:00:00
8	55	207.8	01.01.2015 / 00:00:00
8	56	211.4	01.01.2015 / 00:00:00
8	57	215	01.01.2015 / 00:00:00
8	58	218.6	01.01.2015 / 00:00:00
8	59	222.2	01.01.2015 / 00:00:00
8	60	225.8	01.01.2015 / 00:00:00
8	61	229.4	01.01.2015 / 00:00:00
8	62	233	01.01.2015 / 00:00:00
8	63	236.6	01.01.2015 / 00:00:00
8	64	240.2	01.01.2015 / 00:00:00
8	65	243.8	01.01.2015 / 00:00:00
8	66	247.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
8	67	251	01.01.2015 / 00:00:00
8	68	254.6	01.01.2015 / 00:00:00
8	69	258.2	01.01.2015 / 00:00:00
8	70	261.8	01.01.2015 / 00:00:00
8	71	265.4	01.01.2015 / 00:00:00
8	72	269	01.01.2015 / 00:00:00
8	73	272.6	01.01.2015 / 00:00:00
8	74	276.2	01.01.2015 / 00:00:00
8	75	279.8	01.01.2015 / 00:00:00
8	76	283.4	01.01.2015 / 00:00:00
8	77	287	01.01.2015 / 00:00:00
8	78	290.6	01.01.2015 / 00:00:00
8	79	294.2	01.01.2015 / 00:00:00
8	80	297.8	01.01.2015 / 00:00:00
8	81	301.4	01.01.2015 / 00:00:00
8	82	305	01.01.2015 / 00:00:00
8	83	308.6	01.01.2015 / 00:00:00
8	84	312.2	01.01.2015 / 00:00:00
8	85	315.8	01.01.2015 / 00:00:00
8	86	319.4	01.01.2015 / 00:00:00
8	87	323	01.01.2015 / 00:00:00
8	88	326.6	01.01.2015 / 00:00:00
8	89	330.2	01.01.2015 / 00:00:00
8	90	333.8	01.01.2015 / 00:00:00
8	91	337.4	01.01.2015 / 00:00:00
8	92	341	01.01.2015 / 00:00:00
8	93	344.6	01.01.2015 / 00:00:00
8	94	348.2	01.01.2015 / 00:00:00
8	95	351.8	01.01.2015 / 00:00:00
8	96	355.4	01.01.2015 / 00:00:00
8	97	359	01.01.2015 / 00:00:00
8	98	2.6	01.01.2015 / 00:00:00
8	99	6.2	01.01.2015 / 00:00:00
9	1	15.3	01.01.2015 / 00:00:00
9	2	18.9	01.01.2015 / 00:00:00
9	3	22.5	01.01.2015 / 00:00:00
9	4	26.1	01.01.2015 / 00:00:00
9	5	29.7	01.01.2015 / 00:00:00
9	6	33.3	01.01.2015 / 00:00:00
9	7	36.9	01.01.2015 / 00:00:00
9	8	40.5	01.01.2015 / 00:00:00
9	9	44.1	01.01.2015 / 00:00:00
9	10	47.7	01.01.2015 / 00:00:00
9	11	51.3	01.01.2015 / 00:00:00
9	12	54.9	01.01.2015 / 00:00:00
9	13	58.5	01.01.2015 / 00:00:00
9	14	62.1	01.01.2015 / 00:00:00
9	15	65.7	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
9	16	69.3	01.01.2015 / 00:00:00
9	17	72.9	01.01.2015 / 00:00:00
9	18	76.5	01.01.2015 / 00:00:00
9	19	80.1	01.01.2015 / 00:00:00
9	20	83.7	01.01.2015 / 00:00:00
9	21	87.3	01.01.2015 / 00:00:00
9	22	90.9	01.01.2015 / 00:00:00
9	23	94.5	01.01.2015 / 00:00:00
9	24	98.1	01.01.2015 / 00:00:00
9	25	101.7	01.01.2015 / 00:00:00
9	26	105.3	01.01.2015 / 00:00:00
9	27	108.9	01.01.2015 / 00:00:00
9	28	112.5	01.01.2015 / 00:00:00
9	29	116.1	01.01.2015 / 00:00:00
9	30	119.7	01.01.2015 / 00:00:00
9	31	123.3	01.01.2015 / 00:00:00
9	32	126.9	01.01.2015 / 00:00:00
9	33	130.5	01.01.2015 / 00:00:00
9	34	134.1	01.01.2015 / 00:00:00
9	35	137.7	01.01.2015 / 00:00:00
9	36	141.3	01.01.2015 / 00:00:00
9	37	144.9	01.01.2015 / 00:00:00
9	38	148.5	01.01.2015 / 00:00:00
9	39	152.1	01.01.2015 / 00:00:00
9	40	155.7	01.01.2015 / 00:00:00
9	41	159.3	01.01.2015 / 00:00:00
9	42	162.9	01.01.2015 / 00:00:00
9	43	166.5	01.01.2015 / 00:00:00
9	44	170.1	01.01.2015 / 00:00:00
9	45	173.7	01.01.2015 / 00:00:00
9	46	177.3	01.01.2015 / 00:00:00
9	47	180.9	01.01.2015 / 00:00:00
9	48	184.5	01.01.2015 / 00:00:00
9	49	188.1	01.01.2015 / 00:00:00
9	50	191.7	01.01.2015 / 00:00:00
9	51	195.3	01.01.2015 / 00:00:00
9	52	198.9	01.01.2015 / 00:00:00
9	53	202.5	01.01.2015 / 00:00:00
9	54	206.1	01.01.2015 / 00:00:00
9	55	209.7	01.01.2015 / 00:00:00
9	56	213.3	01.01.2015 / 00:00:00
9	57	216.9	01.01.2015 / 00:00:00
9	58	220.5	01.01.2015 / 00:00:00
9	59	224.1	01.01.2015 / 00:00:00
9	60	227.7	01.01.2015 / 00:00:00
9	61	231.3	01.01.2015 / 00:00:00
9	62	234.9	01.01.2015 / 00:00:00
9	63	238.5	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
9	64	242.1	01.01.2015 / 00:00:00
9	65	245.7	01.01.2015 / 00:00:00
9	66	249.3	01.01.2015 / 00:00:00
9	67	252.9	01.01.2015 / 00:00:00
9	68	256.5	01.01.2015 / 00:00:00
9	69	260.1	01.01.2015 / 00:00:00
9	70	263.7	01.01.2015 / 00:00:00
9	71	267.3	01.01.2015 / 00:00:00
9	72	270.9	01.01.2015 / 00:00:00
9	73	274.5	01.01.2015 / 00:00:00
9	74	278.1	01.01.2015 / 00:00:00
9	75	281.7	01.01.2015 / 00:00:00
9	76	285.3	01.01.2015 / 00:00:00
9	77	288.9	01.01.2015 / 00:00:00
9	78	292.5	01.01.2015 / 00:00:00
9	79	296.1	01.01.2015 / 00:00:00
9	80	299.7	01.01.2015 / 00:00:00
9	81	303.3	01.01.2015 / 00:00:00
9	82	306.9	01.01.2015 / 00:00:00
9	83	310.5	01.01.2015 / 00:00:00
9	84	314.1	01.01.2015 / 00:00:00
9	85	317.7	01.01.2015 / 00:00:00
9	86	321.3	01.01.2015 / 00:00:00
9	87	324.9	01.01.2015 / 00:00:00
9	88	328.5	01.01.2015 / 00:00:00
9	89	332.1	01.01.2015 / 00:00:00
9	90	335.7	01.01.2015 / 00:00:00
9	91	339.3	01.01.2015 / 00:00:00
9	92	342.9	01.01.2015 / 00:00:00
9	93	346.5	01.01.2015 / 00:00:00
9	94	350.1	01.01.2015 / 00:00:00
9	95	353.7	01.01.2015 / 00:00:00
9	96	357.3	01.01.2015 / 00:00:00
9	97	0.9	01.01.2015 / 00:00:00
9	98	4.5	01.01.2015 / 00:00:00
9	99	8.1	01.01.2015 / 00:00:00
10	1	17.2	01.01.2015 / 00:00:00
10	2	20.8	01.01.2015 / 00:00:00
10	3	24.4	01.01.2015 / 00:00:00
10	4	28	01.01.2015 / 00:00:00
10	5	31.6	01.01.2015 / 00:00:00
10	6	35.2	01.01.2015 / 00:00:00
10	7	38.8	01.01.2015 / 00:00:00
10	8	42.4	01.01.2015 / 00:00:00
10	9	46	01.01.2015 / 00:00:00
10	10	49.6	01.01.2015 / 00:00:00
10	11	53.2	01.01.2015 / 00:00:00
10	12	56.8	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
10	13	60.4	01.01.2015 / 00:00:00
10	14	64	01.01.2015 / 00:00:00
10	15	67.6	01.01.2015 / 00:00:00
10	16	71.2	01.01.2015 / 00:00:00
10	17	74.8	01.01.2015 / 00:00:00
10	18	78.4	01.01.2015 / 00:00:00
10	19	82	01.01.2015 / 00:00:00
10	20	85.6	01.01.2015 / 00:00:00
10	21	89.2	01.01.2015 / 00:00:00
10	22	92.8	01.01.2015 / 00:00:00
10	23	96.4	01.01.2015 / 00:00:00
10	24	100	01.01.2015 / 00:00:00
10	25	103.6	01.01.2015 / 00:00:00
10	26	107.2	01.01.2015 / 00:00:00
10	27	110.8	01.01.2015 / 00:00:00
10	28	114.4	01.01.2015 / 00:00:00
10	29	118	01.01.2015 / 00:00:00
10	30	121.6	01.01.2015 / 00:00:00
10	31	125.2	01.01.2015 / 00:00:00
10	32	128.8	01.01.2015 / 00:00:00
10	33	132.4	01.01.2015 / 00:00:00
10	34	136	01.01.2015 / 00:00:00
10	35	139.6	01.01.2015 / 00:00:00
10	36	143.2	01.01.2015 / 00:00:00
10	37	146.8	01.01.2015 / 00:00:00
10	38	150.4	01.01.2015 / 00:00:00
10	39	154	01.01.2015 / 00:00:00
10	40	157.6	01.01.2015 / 00:00:00
10	41	161.2	01.01.2015 / 00:00:00
10	42	164.8	01.01.2015 / 00:00:00
10	43	168.4	01.01.2015 / 00:00:00
10	44	172	01.01.2015 / 00:00:00
10	45	175.6	01.01.2015 / 00:00:00
10	46	179.2	01.01.2015 / 00:00:00
10	47	182.8	01.01.2015 / 00:00:00
10	48	186.4	01.01.2015 / 00:00:00
10	49	190	01.01.2015 / 00:00:00
10	50	193.6	01.01.2015 / 00:00:00
10	51	197.2	01.01.2015 / 00:00:00
10	52	200.8	01.01.2015 / 00:00:00
10	53	204.4	01.01.2015 / 00:00:00
10	54	208	01.01.2015 / 00:00:00
10	55	211.6	01.01.2015 / 00:00:00
10	56	215.2	01.01.2015 / 00:00:00
10	57	218.8	01.01.2015 / 00:00:00
10	58	222.4	01.01.2015 / 00:00:00
10	59	226	01.01.2015 / 00:00:00
10	60	229.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
10	61	233.2	01.01.2015 / 00:00:00
10	62	236.8	01.01.2015 / 00:00:00
10	63	240.4	01.01.2015 / 00:00:00
10	64	244	01.01.2015 / 00:00:00
10	65	247.6	01.01.2015 / 00:00:00
10	66	251.2	01.01.2015 / 00:00:00
10	67	254.8	01.01.2015 / 00:00:00
10	68	258.4	01.01.2015 / 00:00:00
10	69	262	01.01.2015 / 00:00:00
10	70	265.6	01.01.2015 / 00:00:00
10	71	269.2	01.01.2015 / 00:00:00
10	72	272.8	01.01.2015 / 00:00:00
10	73	276.4	01.01.2015 / 00:00:00
10	74	280	01.01.2015 / 00:00:00
10	75	283.6	01.01.2015 / 00:00:00
10	76	287.2	01.01.2015 / 00:00:00
10	77	290.8	01.01.2015 / 00:00:00
10	78	294.4	01.01.2015 / 00:00:00
10	79	298	01.01.2015 / 00:00:00
10	80	301.6	01.01.2015 / 00:00:00
10	81	305.2	01.01.2015 / 00:00:00
10	82	308.8	01.01.2015 / 00:00:00
10	83	312.4	01.01.2015 / 00:00:00
10	84	316	01.01.2015 / 00:00:00
10	85	319.6	01.01.2015 / 00:00:00
10	86	323.2	01.01.2015 / 00:00:00
10	87	326.8	01.01.2015 / 00:00:00
10	88	330.4	01.01.2015 / 00:00:00
10	89	334	01.01.2015 / 00:00:00
10	90	337.6	01.01.2015 / 00:00:00
10	91	341.2	01.01.2015 / 00:00:00
10	92	344.8	01.01.2015 / 00:00:00
10	93	348.4	01.01.2015 / 00:00:00
10	94	352	01.01.2015 / 00:00:00
10	95	355.6	01.01.2015 / 00:00:00
10	96	359.2	01.01.2015 / 00:00:00
10	97	2.8	01.01.2015 / 00:00:00
10	98	6.4	01.01.2015 / 00:00:00
10	99	10	01.01.2015 / 00:00:00
11	1	19.1	01.01.2015 / 00:00:00
11	2	22.7	01.01.2015 / 00:00:00
11	3	26.3	01.01.2015 / 00:00:00
11	4	29.9	01.01.2015 / 00:00:00
11	5	33.5	01.01.2015 / 00:00:00
11	6	37.1	01.01.2015 / 00:00:00
11	7	40.7	01.01.2015 / 00:00:00
11	8	44.3	01.01.2015 / 00:00:00
11	9	47.9	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
11	10	51.5	01.01.2015 / 00:00:00
11	11	55.1	01.01.2015 / 00:00:00
11	12	58.7	01.01.2015 / 00:00:00
11	13	62.3	01.01.2015 / 00:00:00
11	14	65.9	01.01.2015 / 00:00:00
11	15	69.5	01.01.2015 / 00:00:00
11	16	73.1	01.01.2015 / 00:00:00
11	17	76.7	01.01.2015 / 00:00:00
11	18	80.3	01.01.2015 / 00:00:00
11	19	83.9	01.01.2015 / 00:00:00
11	20	87.5	01.01.2015 / 00:00:00
11	21	91.1	01.01.2015 / 00:00:00
11	22	94.7	01.01.2015 / 00:00:00
11	23	98.3	01.01.2015 / 00:00:00
11	24	101.9	01.01.2015 / 00:00:00
11	25	105.5	01.01.2015 / 00:00:00
11	26	109.1	01.01.2015 / 00:00:00
11	27	112.7	01.01.2015 / 00:00:00
11	28	116.3	01.01.2015 / 00:00:00
11	29	119.9	01.01.2015 / 00:00:00
11	30	123.5	01.01.2015 / 00:00:00
11	31	127.1	01.01.2015 / 00:00:00
11	32	130.7	01.01.2015 / 00:00:00
11	33	134.3	01.01.2015 / 00:00:00
11	34	137.9	01.01.2015 / 00:00:00
11	35	141.5	01.01.2015 / 00:00:00
11	36	145.1	01.01.2015 / 00:00:00
11	37	148.7	01.01.2015 / 00:00:00
11	38	152.3	01.01.2015 / 00:00:00
11	39	155.9	01.01.2015 / 00:00:00
11	40	159.5	01.01.2015 / 00:00:00
11	41	163.1	01.01.2015 / 00:00:00
11	42	166.7	01.01.2015 / 00:00:00
11	43	170.3	01.01.2015 / 00:00:00
11	44	173.9	01.01.2015 / 00:00:00
11	45	177.5	01.01.2015 / 00:00:00
11	46	181.1	01.01.2015 / 00:00:00
11	47	184.7	01.01.2015 / 00:00:00
11	48	188.3	01.01.2015 / 00:00:00
11	49	191.9	01.01.2015 / 00:00:00
11	50	195.5	01.01.2015 / 00:00:00
11	51	199.1	01.01.2015 / 00:00:00
11	52	202.7	01.01.2015 / 00:00:00
11	53	206.3	01.01.2015 / 00:00:00
11	54	209.9	01.01.2015 / 00:00:00
11	55	213.5	01.01.2015 / 00:00:00
11	56	217.1	01.01.2015 / 00:00:00
11	57	220.7	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
11	58	224.3	01.01.2015 / 00:00:00
11	59	227.9	01.01.2015 / 00:00:00
11	60	231.5	01.01.2015 / 00:00:00
11	61	235.1	01.01.2015 / 00:00:00
11	62	238.7	01.01.2015 / 00:00:00
11	63	242.3	01.01.2015 / 00:00:00
11	64	245.9	01.01.2015 / 00:00:00
11	65	249.5	01.01.2015 / 00:00:00
11	66	253.1	01.01.2015 / 00:00:00
11	67	256.7	01.01.2015 / 00:00:00
11	68	260.3	01.01.2015 / 00:00:00
11	69	263.9	01.01.2015 / 00:00:00
11	70	267.5	01.01.2015 / 00:00:00
11	71	271.1	01.01.2015 / 00:00:00
11	72	274.7	01.01.2015 / 00:00:00
11	73	278.3	01.01.2015 / 00:00:00
11	74	281.9	01.01.2015 / 00:00:00
11	75	285.5	01.01.2015 / 00:00:00
11	76	289.1	01.01.2015 / 00:00:00
11	77	292.7	01.01.2015 / 00:00:00
11	78	296.3	01.01.2015 / 00:00:00
11	79	299.9	01.01.2015 / 00:00:00
11	80	303.5	01.01.2015 / 00:00:00
11	81	307.1	01.01.2015 / 00:00:00
11	82	310.7	01.01.2015 / 00:00:00
11	83	314.3	01.01.2015 / 00:00:00
11	84	317.9	01.01.2015 / 00:00:00
11	85	321.5	01.01.2015 / 00:00:00
11	86	325.1	01.01.2015 / 00:00:00
11	87	328.7	01.01.2015 / 00:00:00
11	88	332.3	01.01.2015 / 00:00:00
11	89	335.9	01.01.2015 / 00:00:00
11	90	339.5	01.01.2015 / 00:00:00
11	91	343.1	01.01.2015 / 00:00:00
11	92	346.7	01.01.2015 / 00:00:00
11	93	350.3	01.01.2015 / 00:00:00
11	94	353.9	01.01.2015 / 00:00:00
11	95	357.5	01.01.2015 / 00:00:00
11	96	1.1	01.01.2015 / 00:00:00
11	97	4.7	01.01.2015 / 00:00:00
11	98	8.3	01.01.2015 / 00:00:00
11	99	11.9	01.01.2015 / 00:00:00
12	1	21	01.01.2015 / 00:00:00
12	2	24.6	01.01.2015 / 00:00:00
12	3	28.2	01.01.2015 / 00:00:00
12	4	31.8	01.01.2015 / 00:00:00
12	5	35.4	01.01.2015 / 00:00:00
12	6	39	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
12	7	42.6	01.01.2015 / 00:00:00
12	8	46.2	01.01.2015 / 00:00:00
12	9	49.8	01.01.2015 / 00:00:00
12	10	53.4	01.01.2015 / 00:00:00
12	11	57	01.01.2015 / 00:00:00
12	12	60.6	01.01.2015 / 00:00:00
12	13	64.2	01.01.2015 / 00:00:00
12	14	67.8	01.01.2015 / 00:00:00
12	15	71.4	01.01.2015 / 00:00:00
12	16	75	01.01.2015 / 00:00:00
12	17	78.6	01.01.2015 / 00:00:00
12	18	82.2	01.01.2015 / 00:00:00
12	19	85.8	01.01.2015 / 00:00:00
12	20	89.4	01.01.2015 / 00:00:00
12	21	93	01.01.2015 / 00:00:00
12	22	96.6	01.01.2015 / 00:00:00
12	23	100.2	01.01.2015 / 00:00:00
12	24	103.8	01.01.2015 / 00:00:00
12	25	107.4	01.01.2015 / 00:00:00
12	26	111	01.01.2015 / 00:00:00
12	27	114.6	01.01.2015 / 00:00:00
12	28	118.2	01.01.2015 / 00:00:00
12	29	121.8	01.01.2015 / 00:00:00
12	30	125.4	01.01.2015 / 00:00:00
12	31	129	01.01.2015 / 00:00:00
12	32	132.6	01.01.2015 / 00:00:00
12	33	136.2	01.01.2015 / 00:00:00
12	34	139.8	01.01.2015 / 00:00:00
12	35	143.4	01.01.2015 / 00:00:00
12	36	147	01.01.2015 / 00:00:00
12	37	150.6	01.01.2015 / 00:00:00
12	38	154.2	01.01.2015 / 00:00:00
12	39	157.8	01.01.2015 / 00:00:00
12	40	161.4	01.01.2015 / 00:00:00
12	41	165	01.01.2015 / 00:00:00
12	42	168.6	01.01.2015 / 00:00:00
12	43	172.2	01.01.2015 / 00:00:00
12	44	175.8	01.01.2015 / 00:00:00
12	45	179.4	01.01.2015 / 00:00:00
12	46	183	01.01.2015 / 00:00:00
12	47	186.6	01.01.2015 / 00:00:00
12	48	190.2	01.01.2015 / 00:00:00
12	49	193.8	01.01.2015 / 00:00:00
12	50	197.4	01.01.2015 / 00:00:00
12	51	201	01.01.2015 / 00:00:00
12	52	204.6	01.01.2015 / 00:00:00
12	53	208.2	01.01.2015 / 00:00:00
12	54	211.8	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
12	55	215.4	01.01.2015 / 00:00:00
12	56	219	01.01.2015 / 00:00:00
12	57	222.6	01.01.2015 / 00:00:00
12	58	226.2	01.01.2015 / 00:00:00
12	59	229.8	01.01.2015 / 00:00:00
12	60	233.4	01.01.2015 / 00:00:00
12	61	237	01.01.2015 / 00:00:00
12	62	240.6	01.01.2015 / 00:00:00
12	63	244.2	01.01.2015 / 00:00:00
12	64	247.8	01.01.2015 / 00:00:00
12	65	251.4	01.01.2015 / 00:00:00
12	66	255	01.01.2015 / 00:00:00
12	67	258.6	01.01.2015 / 00:00:00
12	68	262.2	01.01.2015 / 00:00:00
12	69	265.8	01.01.2015 / 00:00:00
12	70	269.4	01.01.2015 / 00:00:00
12	71	273	01.01.2015 / 00:00:00
12	72	276.6	01.01.2015 / 00:00:00
12	73	280.2	01.01.2015 / 00:00:00
12	74	283.8	01.01.2015 / 00:00:00
12	75	287.4	01.01.2015 / 00:00:00
12	76	291	01.01.2015 / 00:00:00
12	77	294.6	01.01.2015 / 00:00:00
12	78	298.2	01.01.2015 / 00:00:00
12	79	301.8	01.01.2015 / 00:00:00
12	80	305.4	01.01.2015 / 00:00:00
12	81	309	01.01.2015 / 00:00:00
12	82	312.6	01.01.2015 / 00:00:00
12	83	316.2	01.01.2015 / 00:00:00
12	84	319.8	01.01.2015 / 00:00:00
12	85	323.4	01.01.2015 / 00:00:00
12	86	327	01.01.2015 / 00:00:00
12	87	330.6	01.01.2015 / 00:00:00
12	88	334.2	01.01.2015 / 00:00:00
12	89	337.8	01.01.2015 / 00:00:00
12	90	341.4	01.01.2015 / 00:00:00
12	91	345	01.01.2015 / 00:00:00
12	92	348.6	01.01.2015 / 00:00:00
12	93	352.2	01.01.2015 / 00:00:00
12	94	355.8	01.01.2015 / 00:00:00
12	95	359.4	01.01.2015 / 00:00:00
12	96	3	01.01.2015 / 00:00:00
12	97	6.6	01.01.2015 / 00:00:00
12	98	10.2	01.01.2015 / 00:00:00
12	99	13.8	01.01.2015 / 00:00:00
13	1	23	01.01.2015 / 00:00:00
13	2	26.6	01.01.2015 / 00:00:00
13	3	30.2	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
13	4	33.8	01.01.2015 / 00:00:00
13	5	37.4	01.01.2015 / 00:00:00
13	6	41	01.01.2015 / 00:00:00
13	7	44.6	01.01.2015 / 00:00:00
13	8	48.2	01.01.2015 / 00:00:00
13	9	51.8	01.01.2015 / 00:00:00
13	10	55.4	01.01.2015 / 00:00:00
13	11	59	01.01.2015 / 00:00:00
13	12	62.6	01.01.2015 / 00:00:00
13	13	66.2	01.01.2015 / 00:00:00
13	14	69.8	01.01.2015 / 00:00:00
13	15	73.4	01.01.2015 / 00:00:00
13	16	77	01.01.2015 / 00:00:00
13	17	80.6	01.01.2015 / 00:00:00
13	18	84.2	01.01.2015 / 00:00:00
13	19	87.8	01.01.2015 / 00:00:00
13	20	91.4	01.01.2015 / 00:00:00
13	21	95	01.01.2015 / 00:00:00
13	22	98.6	01.01.2015 / 00:00:00
13	23	102.2	01.01.2015 / 00:00:00
13	24	105.8	01.01.2015 / 00:00:00
13	25	109.4	01.01.2015 / 00:00:00
13	26	113	01.01.2015 / 00:00:00
13	27	116.6	01.01.2015 / 00:00:00
13	28	120.2	01.01.2015 / 00:00:00
13	29	123.8	01.01.2015 / 00:00:00
13	30	127.4	01.01.2015 / 00:00:00
13	31	131	01.01.2015 / 00:00:00
13	32	134.6	01.01.2015 / 00:00:00
13	33	138.2	01.01.2015 / 00:00:00
13	34	141.8	01.01.2015 / 00:00:00
13	35	145.4	01.01.2015 / 00:00:00
13	36	149	01.01.2015 / 00:00:00
13	37	152.6	01.01.2015 / 00:00:00
13	38	156.2	01.01.2015 / 00:00:00
13	39	159.8	01.01.2015 / 00:00:00
13	40	163.4	01.01.2015 / 00:00:00
13	41	167	01.01.2015 / 00:00:00
13	42	170.6	01.01.2015 / 00:00:00
13	43	174.2	01.01.2015 / 00:00:00
13	44	177.8	01.01.2015 / 00:00:00
13	45	181.4	01.01.2015 / 00:00:00
13	46	185	01.01.2015 / 00:00:00
13	47	188.6	01.01.2015 / 00:00:00
13	48	192.2	01.01.2015 / 00:00:00
13	49	195.8	01.01.2015 / 00:00:00
13	50	199.4	01.01.2015 / 00:00:00
13	51	203	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
13	52	206.6	01.01.2015 / 00:00:00
13	53	210.2	01.01.2015 / 00:00:00
13	54	213.8	01.01.2015 / 00:00:00
13	55	217.4	01.01.2015 / 00:00:00
13	56	221	01.01.2015 / 00:00:00
13	57	224.6	01.01.2015 / 00:00:00
13	58	228.2	01.01.2015 / 00:00:00
13	59	231.8	01.01.2015 / 00:00:00
13	60	235.4	01.01.2015 / 00:00:00
13	61	239	01.01.2015 / 00:00:00
13	62	242.6	01.01.2015 / 00:00:00
13	63	246.2	01.01.2015 / 00:00:00
13	64	249.8	01.01.2015 / 00:00:00
13	65	253.4	01.01.2015 / 00:00:00
13	66	257	01.01.2015 / 00:00:00
13	67	260.6	01.01.2015 / 00:00:00
13	68	264.2	01.01.2015 / 00:00:00
13	69	267.8	01.01.2015 / 00:00:00
13	70	271.4	01.01.2015 / 00:00:00
13	71	275	01.01.2015 / 00:00:00
13	72	278.6	01.01.2015 / 00:00:00
13	73	282.2	01.01.2015 / 00:00:00
13	74	285.8	01.01.2015 / 00:00:00
13	75	289.4	01.01.2015 / 00:00:00
13	76	293	01.01.2015 / 00:00:00
13	77	296.6	01.01.2015 / 00:00:00
13	78	300.2	01.01.2015 / 00:00:00
13	79	303.8	01.01.2015 / 00:00:00
13	80	307.4	01.01.2015 / 00:00:00
13	81	311	01.01.2015 / 00:00:00
13	82	314.6	01.01.2015 / 00:00:00
13	83	318.2	01.01.2015 / 00:00:00
13	84	321.8	01.01.2015 / 00:00:00
13	85	325.4	01.01.2015 / 00:00:00
13	86	329	01.01.2015 / 00:00:00
13	87	332.6	01.01.2015 / 00:00:00
13	88	336.2	01.01.2015 / 00:00:00
13	89	339.8	01.01.2015 / 00:00:00
13	90	343.4	01.01.2015 / 00:00:00
13	91	347	01.01.2015 / 00:00:00
13	92	350.6	01.01.2015 / 00:00:00
13	93	354.2	01.01.2015 / 00:00:00
13	94	357.8	01.01.2015 / 00:00:00
13	95	1.4	01.01.2015 / 00:00:00
13	96	5	01.01.2015 / 00:00:00
13	97	8.6	01.01.2015 / 00:00:00
13	98	12.2	01.01.2015 / 00:00:00
13	99	15.8	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
14	1	24.9	01.01.2015 / 00:00:00
14	2	28.5	01.01.2015 / 00:00:00
14	3	32.1	01.01.2015 / 00:00:00
14	4	35.7	01.01.2015 / 00:00:00
14	5	39.3	01.01.2015 / 00:00:00
14	6	42.9	01.01.2015 / 00:00:00
14	7	46.5	01.01.2015 / 00:00:00
14	8	50.1	01.01.2015 / 00:00:00
14	9	53.7	01.01.2015 / 00:00:00
14	10	57.3	01.01.2015 / 00:00:00
14	11	60.9	01.01.2015 / 00:00:00
14	12	64.5	01.01.2015 / 00:00:00
14	13	68.1	01.01.2015 / 00:00:00
14	14	71.7	01.01.2015 / 00:00:00
14	15	75.3	01.01.2015 / 00:00:00
14	16	78.9	01.01.2015 / 00:00:00
14	17	82.5	01.01.2015 / 00:00:00
14	18	86.1	01.01.2015 / 00:00:00
14	19	89.7	01.01.2015 / 00:00:00
14	20	93.3	01.01.2015 / 00:00:00
14	21	96.9	01.01.2015 / 00:00:00
14	22	100.5	01.01.2015 / 00:00:00
14	23	104.1	01.01.2015 / 00:00:00
14	24	107.7	01.01.2015 / 00:00:00
14	25	111.3	01.01.2015 / 00:00:00
14	26	114.9	01.01.2015 / 00:00:00
14	27	118.5	01.01.2015 / 00:00:00
14	28	122.1	01.01.2015 / 00:00:00
14	29	125.7	01.01.2015 / 00:00:00
14	30	129.3	01.01.2015 / 00:00:00
14	31	132.9	01.01.2015 / 00:00:00
14	32	136.5	01.01.2015 / 00:00:00
14	33	140.1	01.01.2015 / 00:00:00
14	34	143.7	01.01.2015 / 00:00:00
14	35	147.3	01.01.2015 / 00:00:00
14	36	150.9	01.01.2015 / 00:00:00
14	37	154.5	01.01.2015 / 00:00:00
14	38	158.1	01.01.2015 / 00:00:00
14	39	161.7	01.01.2015 / 00:00:00
14	40	165.3	01.01.2015 / 00:00:00
14	41	168.9	01.01.2015 / 00:00:00
14	42	172.5	01.01.2015 / 00:00:00
14	43	176.1	01.01.2015 / 00:00:00
14	44	179.7	01.01.2015 / 00:00:00
14	45	183.3	01.01.2015 / 00:00:00
14	46	186.9	01.01.2015 / 00:00:00
14	47	190.5	01.01.2015 / 00:00:00
14	48	194.1	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
14	49	197.7	01.01.2015 / 00:00:00
14	50	201.3	01.01.2015 / 00:00:00
14	51	204.9	01.01.2015 / 00:00:00
14	52	208.5	01.01.2015 / 00:00:00
14	53	212.1	01.01.2015 / 00:00:00
14	54	215.7	01.01.2015 / 00:00:00
14	55	219.3	01.01.2015 / 00:00:00
14	56	222.9	01.01.2015 / 00:00:00
14	57	226.5	01.01.2015 / 00:00:00
14	58	230.1	01.01.2015 / 00:00:00
14	59	233.7	01.01.2015 / 00:00:00
14	60	237.3	01.01.2015 / 00:00:00
14	61	240.9	01.01.2015 / 00:00:00
14	62	244.5	01.01.2015 / 00:00:00
14	63	248.1	01.01.2015 / 00:00:00
14	64	251.7	01.01.2015 / 00:00:00
14	65	255.3	01.01.2015 / 00:00:00
14	66	258.9	01.01.2015 / 00:00:00
14	67	262.5	01.01.2015 / 00:00:00
14	68	266.1	01.01.2015 / 00:00:00
14	69	269.7	01.01.2015 / 00:00:00
14	70	273.3	01.01.2015 / 00:00:00
14	71	276.9	01.01.2015 / 00:00:00
14	72	280.5	01.01.2015 / 00:00:00
14	73	284.1	01.01.2015 / 00:00:00
14	74	287.7	01.01.2015 / 00:00:00
14	75	291.3	01.01.2015 / 00:00:00
14	76	294.9	01.01.2015 / 00:00:00
14	77	298.5	01.01.2015 / 00:00:00
14	78	302.1	01.01.2015 / 00:00:00
14	79	305.7	01.01.2015 / 00:00:00
14	80	309.3	01.01.2015 / 00:00:00
14	81	312.9	01.01.2015 / 00:00:00
14	82	316.5	01.01.2015 / 00:00:00
14	83	320.1	01.01.2015 / 00:00:00
14	84	323.7	01.01.2015 / 00:00:00
14	85	327.3	01.01.2015 / 00:00:00
14	86	330.9	01.01.2015 / 00:00:00
14	87	334.5	01.01.2015 / 00:00:00
14	88	338.1	01.01.2015 / 00:00:00
14	89	341.7	01.01.2015 / 00:00:00
14	90	345.3	01.01.2015 / 00:00:00
14	91	348.9	01.01.2015 / 00:00:00
14	92	352.5	01.01.2015 / 00:00:00
14	93	356.1	01.01.2015 / 00:00:00
14	94	359.7	01.01.2015 / 00:00:00
14	95	3.3	01.01.2015 / 00:00:00
14	96	6.9	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
14	97	10.5	01.01.2015 / 00:00:00
14	98	14.1	01.01.2015 / 00:00:00
14	99	17.7	01.01.2015 / 00:00:00
15	1	26.8	01.01.2015 / 00:00:00
15	2	30.4	01.01.2015 / 00:00:00
15	3	34	01.01.2015 / 00:00:00
15	4	37.6	01.01.2015 / 00:00:00
15	5	41.2	01.01.2015 / 00:00:00
15	6	44.8	01.01.2015 / 00:00:00
15	7	48.4	01.01.2015 / 00:00:00
15	8	52	01.01.2015 / 00:00:00
15	9	55.6	01.01.2015 / 00:00:00
15	10	59.2	01.01.2015 / 00:00:00
15	11	62.8	01.01.2015 / 00:00:00
15	12	66.4	01.01.2015 / 00:00:00
15	13	70	01.01.2015 / 00:00:00
15	14	73.6	01.01.2015 / 00:00:00
15	15	77.2	01.01.2015 / 00:00:00
15	16	80.8	01.01.2015 / 00:00:00
15	17	84.4	01.01.2015 / 00:00:00
15	18	88	01.01.2015 / 00:00:00
15	19	91.6	01.01.2015 / 00:00:00
15	20	95.2	01.01.2015 / 00:00:00
15	21	98.8	01.01.2015 / 00:00:00
15	22	102.4	01.01.2015 / 00:00:00
15	23	106	01.01.2015 / 00:00:00
15	24	109.6	01.01.2015 / 00:00:00
15	25	113.2	01.01.2015 / 00:00:00
15	26	116.8	01.01.2015 / 00:00:00
15	27	120.4	01.01.2015 / 00:00:00
15	28	124	01.01.2015 / 00:00:00
15	29	127.6	01.01.2015 / 00:00:00
15	30	131.2	01.01.2015 / 00:00:00
15	31	134.8	01.01.2015 / 00:00:00
15	32	138.4	01.01.2015 / 00:00:00
15	33	142	01.01.2015 / 00:00:00
15	34	145.6	01.01.2015 / 00:00:00
15	35	149.2	01.01.2015 / 00:00:00
15	36	152.8	01.01.2015 / 00:00:00
15	37	156.4	01.01.2015 / 00:00:00
15	38	160	01.01.2015 / 00:00:00
15	39	163.6	01.01.2015 / 00:00:00
15	40	167.2	01.01.2015 / 00:00:00
15	41	170.8	01.01.2015 / 00:00:00
15	42	174.4	01.01.2015 / 00:00:00
15	43	178	01.01.2015 / 00:00:00
15	44	181.6	01.01.2015 / 00:00:00
15	45	185.2	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
15	46	188.8	01.01.2015 / 00:00:00
15	47	192.4	01.01.2015 / 00:00:00
15	48	196	01.01.2015 / 00:00:00
15	49	199.6	01.01.2015 / 00:00:00
15	50	203.2	01.01.2015 / 00:00:00
15	51	206.8	01.01.2015 / 00:00:00
15	52	210.4	01.01.2015 / 00:00:00
15	53	214	01.01.2015 / 00:00:00
15	54	217.6	01.01.2015 / 00:00:00
15	55	221.2	01.01.2015 / 00:00:00
15	56	224.8	01.01.2015 / 00:00:00
15	57	228.4	01.01.2015 / 00:00:00
15	58	232	01.01.2015 / 00:00:00
15	59	235.6	01.01.2015 / 00:00:00
15	60	239.2	01.01.2015 / 00:00:00
15	61	242.8	01.01.2015 / 00:00:00
15	62	246.4	01.01.2015 / 00:00:00
15	63	250	01.01.2015 / 00:00:00
15	64	253.6	01.01.2015 / 00:00:00
15	65	257.2	01.01.2015 / 00:00:00
15	66	260.8	01.01.2015 / 00:00:00
15	67	264.4	01.01.2015 / 00:00:00
15	68	268	01.01.2015 / 00:00:00
15	69	271.6	01.01.2015 / 00:00:00
15	70	275.2	01.01.2015 / 00:00:00
15	71	278.8	01.01.2015 / 00:00:00
15	72	282.4	01.01.2015 / 00:00:00
15	73	286	01.01.2015 / 00:00:00
15	74	289.6	01.01.2015 / 00:00:00
15	75	293.2	01.01.2015 / 00:00:00
15	76	296.8	01.01.2015 / 00:00:00
15	77	300.4	01.01.2015 / 00:00:00
15	78	304	01.01.2015 / 00:00:00
15	79	307.6	01.01.2015 / 00:00:00
15	80	311.2	01.01.2015 / 00:00:00
15	81	314.8	01.01.2015 / 00:00:00
15	82	318.4	01.01.2015 / 00:00:00
15	83	322	01.01.2015 / 00:00:00
15	84	325.6	01.01.2015 / 00:00:00
15	85	329.2	01.01.2015 / 00:00:00
15	86	332.8	01.01.2015 / 00:00:00
15	87	336.4	01.01.2015 / 00:00:00
15	88	340	01.01.2015 / 00:00:00
15	89	343.6	01.01.2015 / 00:00:00
15	90	347.2	01.01.2015 / 00:00:00
15	91	350.8	01.01.2015 / 00:00:00
15	92	354.4	01.01.2015 / 00:00:00
15	93	358	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
15	94	1.6	01.01.2015 / 00:00:00
15	95	5.2	01.01.2015 / 00:00:00
15	96	8.8	01.01.2015 / 00:00:00
15	97	12.4	01.01.2015 / 00:00:00
15	98	16	01.01.2015 / 00:00:00
15	99	19.6	01.01.2015 / 00:00:00
16	1	28.7	01.01.2015 / 00:00:00
16	2	32.3	01.01.2015 / 00:00:00
16	3	35.9	01.01.2015 / 00:00:00
16	4	39.5	01.01.2015 / 00:00:00
16	5	43.1	01.01.2015 / 00:00:00
16	6	46.7	01.01.2015 / 00:00:00
16	7	50.3	01.01.2015 / 00:00:00
16	8	53.9	01.01.2015 / 00:00:00
16	9	57.5	01.01.2015 / 00:00:00
16	10	61.1	01.01.2015 / 00:00:00
16	11	64.7	01.01.2015 / 00:00:00
16	12	68.3	01.01.2015 / 00:00:00
16	13	71.9	01.01.2015 / 00:00:00
16	14	75.5	01.01.2015 / 00:00:00
16	15	79.1	01.01.2015 / 00:00:00
16	16	82.7	01.01.2015 / 00:00:00
16	17	86.3	01.01.2015 / 00:00:00
16	18	89.9	01.01.2015 / 00:00:00
16	19	93.5	01.01.2015 / 00:00:00
16	20	97.1	01.01.2015 / 00:00:00
16	21	100.7	01.01.2015 / 00:00:00
16	22	104.3	01.01.2015 / 00:00:00
16	23	107.9	01.01.2015 / 00:00:00
16	24	111.5	01.01.2015 / 00:00:00
16	25	115.1	01.01.2015 / 00:00:00
16	26	118.7	01.01.2015 / 00:00:00
16	27	122.3	01.01.2015 / 00:00:00
16	28	125.9	01.01.2015 / 00:00:00
16	29	129.5	01.01.2015 / 00:00:00
16	30	133.1	01.01.2015 / 00:00:00
16	31	136.7	01.01.2015 / 00:00:00
16	32	140.3	01.01.2015 / 00:00:00
16	33	143.9	01.01.2015 / 00:00:00
16	34	147.5	01.01.2015 / 00:00:00
16	35	151.1	01.01.2015 / 00:00:00
16	36	154.7	01.01.2015 / 00:00:00
16	37	158.3	01.01.2015 / 00:00:00
16	38	161.9	01.01.2015 / 00:00:00
16	39	165.5	01.01.2015 / 00:00:00
16	40	169.1	01.01.2015 / 00:00:00
16	41	172.7	01.01.2015 / 00:00:00
16	42	176.3	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
16	43	179.9	01.01.2015 / 00:00:00
16	44	183.5	01.01.2015 / 00:00:00
16	45	187.1	01.01.2015 / 00:00:00
16	46	190.7	01.01.2015 / 00:00:00
16	47	194.3	01.01.2015 / 00:00:00
16	48	197.9	01.01.2015 / 00:00:00
16	49	201.5	01.01.2015 / 00:00:00
16	50	205.1	01.01.2015 / 00:00:00
16	51	208.7	01.01.2015 / 00:00:00
16	52	212.3	01.01.2015 / 00:00:00
16	53	215.9	01.01.2015 / 00:00:00
16	54	219.5	01.01.2015 / 00:00:00
16	55	223.1	01.01.2015 / 00:00:00
16	56	226.7	01.01.2015 / 00:00:00
16	57	230.3	01.01.2015 / 00:00:00
16	58	233.9	01.01.2015 / 00:00:00
16	59	237.5	01.01.2015 / 00:00:00
16	60	241.1	01.01.2015 / 00:00:00
16	61	244.7	01.01.2015 / 00:00:00
16	62	248.3	01.01.2015 / 00:00:00
16	63	251.9	01.01.2015 / 00:00:00
16	64	255.5	01.01.2015 / 00:00:00
16	65	259.1	01.01.2015 / 00:00:00
16	66	262.7	01.01.2015 / 00:00:00
16	67	266.3	01.01.2015 / 00:00:00
16	68	269.9	01.01.2015 / 00:00:00
16	69	273.5	01.01.2015 / 00:00:00
16	70	277.1	01.01.2015 / 00:00:00
16	71	280.7	01.01.2015 / 00:00:00
16	72	284.3	01.01.2015 / 00:00:00
16	73	287.9	01.01.2015 / 00:00:00
16	74	291.5	01.01.2015 / 00:00:00
16	75	295.1	01.01.2015 / 00:00:00
16	76	298.7	01.01.2015 / 00:00:00
16	77	302.3	01.01.2015 / 00:00:00
16	78	305.9	01.01.2015 / 00:00:00
16	79	309.5	01.01.2015 / 00:00:00
16	80	313.1	01.01.2015 / 00:00:00
16	81	316.7	01.01.2015 / 00:00:00
16	82	320.3	01.01.2015 / 00:00:00
16	83	323.9	01.01.2015 / 00:00:00
16	84	327.5	01.01.2015 / 00:00:00
16	85	331.1	01.01.2015 / 00:00:00
16	86	334.7	01.01.2015 / 00:00:00
16	87	338.3	01.01.2015 / 00:00:00
16	88	341.9	01.01.2015 / 00:00:00
16	89	345.5	01.01.2015 / 00:00:00
16	90	349.1	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
16	91	352.7	01.01.2015 / 00:00:00
16	92	356.3	01.01.2015 / 00:00:00
16	93	359.9	01.01.2015 / 00:00:00
16	94	3.5	01.01.2015 / 00:00:00
16	95	7.1	01.01.2015 / 00:00:00
16	96	10.7	01.01.2015 / 00:00:00
16	97	14.3	01.01.2015 / 00:00:00
16	98	17.9	01.01.2015 / 00:00:00
16	99	21.5	01.01.2015 / 00:00:00
17	1	30.6	01.01.2015 / 00:00:00
17	2	34.2	01.01.2015 / 00:00:00
17	3	37.8	01.01.2015 / 00:00:00
17	4	41.4	01.01.2015 / 00:00:00
17	5	45	01.01.2015 / 00:00:00
17	6	48.6	01.01.2015 / 00:00:00
17	7	52.2	01.01.2015 / 00:00:00
17	8	55.8	01.01.2015 / 00:00:00
17	9	59.4	01.01.2015 / 00:00:00
17	10	63	01.01.2015 / 00:00:00
17	11	66.6	01.01.2015 / 00:00:00
17	12	70.2	01.01.2015 / 00:00:00
17	13	73.8	01.01.2015 / 00:00:00
17	14	77.4	01.01.2015 / 00:00:00
17	15	81	01.01.2015 / 00:00:00
17	16	84.6	01.01.2015 / 00:00:00
17	17	88.2	01.01.2015 / 00:00:00
17	18	91.8	01.01.2015 / 00:00:00
17	19	95.4	01.01.2015 / 00:00:00
17	20	99	01.01.2015 / 00:00:00
17	21	102.6	01.01.2015 / 00:00:00
17	22	106.2	01.01.2015 / 00:00:00
17	23	109.8	01.01.2015 / 00:00:00
17	24	113.4	01.01.2015 / 00:00:00
17	25	117	01.01.2015 / 00:00:00
17	26	120.6	01.01.2015 / 00:00:00
17	27	124.2	01.01.2015 / 00:00:00
17	28	127.8	01.01.2015 / 00:00:00
17	29	131.4	01.01.2015 / 00:00:00
17	30	135	01.01.2015 / 00:00:00
17	31	138.6	01.01.2015 / 00:00:00
17	32	142.2	01.01.2015 / 00:00:00
17	33	145.8	01.01.2015 / 00:00:00
17	34	149.4	01.01.2015 / 00:00:00
17	35	153	01.01.2015 / 00:00:00
17	36	156.6	01.01.2015 / 00:00:00
17	37	160.2	01.01.2015 / 00:00:00
17	38	163.8	01.01.2015 / 00:00:00
17	39	167.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
17	40	171	01.01.2015 / 00:00:00
17	41	174.6	01.01.2015 / 00:00:00
17	42	178.2	01.01.2015 / 00:00:00
17	43	181.8	01.01.2015 / 00:00:00
17	44	185.4	01.01.2015 / 00:00:00
17	45	189	01.01.2015 / 00:00:00
17	46	192.6	01.01.2015 / 00:00:00
17	47	196.2	01.01.2015 / 00:00:00
17	48	199.8	01.01.2015 / 00:00:00
17	49	203.4	01.01.2015 / 00:00:00
17	50	207	01.01.2015 / 00:00:00
17	51	210.6	01.01.2015 / 00:00:00
17	52	214.2	01.01.2015 / 00:00:00
17	53	217.8	01.01.2015 / 00:00:00
17	54	221.4	01.01.2015 / 00:00:00
17	55	225	01.01.2015 / 00:00:00
17	56	228.6	01.01.2015 / 00:00:00
17	57	232.2	01.01.2015 / 00:00:00
17	58	235.8	01.01.2015 / 00:00:00
17	59	239.4	01.01.2015 / 00:00:00
17	60	243	01.01.2015 / 00:00:00
17	61	246.6	01.01.2015 / 00:00:00
17	62	250.2	01.01.2015 / 00:00:00
17	63	253.8	01.01.2015 / 00:00:00
17	64	257.4	01.01.2015 / 00:00:00
17	65	261	01.01.2015 / 00:00:00
17	66	264.6	01.01.2015 / 00:00:00
17	67	268.2	01.01.2015 / 00:00:00
17	68	271.8	01.01.2015 / 00:00:00
17	69	275.4	01.01.2015 / 00:00:00
17	70	279	01.01.2015 / 00:00:00
17	71	282.6	01.01.2015 / 00:00:00
17	72	286.2	01.01.2015 / 00:00:00
17	73	289.8	01.01.2015 / 00:00:00
17	74	293.4	01.01.2015 / 00:00:00
17	75	297	01.01.2015 / 00:00:00
17	76	300.6	01.01.2015 / 00:00:00
17	77	304.2	01.01.2015 / 00:00:00
17	78	307.8	01.01.2015 / 00:00:00
17	79	311.4	01.01.2015 / 00:00:00
17	80	315	01.01.2015 / 00:00:00
17	81	318.6	01.01.2015 / 00:00:00
17	82	322.2	01.01.2015 / 00:00:00
17	83	325.8	01.01.2015 / 00:00:00
17	84	329.4	01.01.2015 / 00:00:00
17	85	333	01.01.2015 / 00:00:00
17	86	336.6	01.01.2015 / 00:00:00
17	87	340.2	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
17	88	343.8	01.01.2015 / 00:00:00
17	89	347.4	01.01.2015 / 00:00:00
17	90	351	01.01.2015 / 00:00:00
17	91	354.6	01.01.2015 / 00:00:00
17	92	358.2	01.01.2015 / 00:00:00
17	93	1.8	01.01.2015 / 00:00:00
17	94	5.4	01.01.2015 / 00:00:00
17	95	9	01.01.2015 / 00:00:00
17	96	12.6	01.01.2015 / 00:00:00
17	97	16.2	01.01.2015 / 00:00:00
17	98	19.8	01.01.2015 / 00:00:00
17	99	23.4	01.01.2015 / 00:00:00
18	1	32.5	01.01.2015 / 00:00:00
18	2	36.1	01.01.2015 / 00:00:00
18	3	39.7	01.01.2015 / 00:00:00
18	4	43.3	01.01.2015 / 00:00:00
18	5	46.9	01.01.2015 / 00:00:00
18	6	50.5	01.01.2015 / 00:00:00
18	7	54.1	01.01.2015 / 00:00:00
18	8	57.7	01.01.2015 / 00:00:00
18	9	61.3	01.01.2015 / 00:00:00
18	10	64.9	01.01.2015 / 00:00:00
18	11	68.5	01.01.2015 / 00:00:00
18	12	72.1	01.01.2015 / 00:00:00
18	13	75.7	01.01.2015 / 00:00:00
18	14	79.3	01.01.2015 / 00:00:00
18	15	82.9	01.01.2015 / 00:00:00
18	16	86.5	01.01.2015 / 00:00:00
18	17	90.1	01.01.2015 / 00:00:00
18	18	93.7	01.01.2015 / 00:00:00
18	19	97.3	01.01.2015 / 00:00:00
18	20	100.9	01.01.2015 / 00:00:00
18	21	104.5	01.01.2015 / 00:00:00
18	22	108.1	01.01.2015 / 00:00:00
18	23	111.7	01.01.2015 / 00:00:00
18	24	115.3	01.01.2015 / 00:00:00
18	25	118.9	01.01.2015 / 00:00:00
18	26	122.5	01.01.2015 / 00:00:00
18	27	126.1	01.01.2015 / 00:00:00
18	28	129.7	01.01.2015 / 00:00:00
18	29	133.3	01.01.2015 / 00:00:00
18	30	136.9	01.01.2015 / 00:00:00
18	31	140.5	01.01.2015 / 00:00:00
18	32	144.1	01.01.2015 / 00:00:00
18	33	147.7	01.01.2015 / 00:00:00
18	34	151.3	01.01.2015 / 00:00:00
18	35	154.9	01.01.2015 / 00:00:00
18	36	158.5	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
18	37	162.1	01.01.2015 / 00:00:00
18	38	165.7	01.01.2015 / 00:00:00
18	39	169.3	01.01.2015 / 00:00:00
18	40	172.9	01.01.2015 / 00:00:00
18	41	176.5	01.01.2015 / 00:00:00
18	42	180.1	01.01.2015 / 00:00:00
18	43	183.7	01.01.2015 / 00:00:00
18	44	187.3	01.01.2015 / 00:00:00
18	45	190.9	01.01.2015 / 00:00:00
18	46	194.5	01.01.2015 / 00:00:00
18	47	198.1	01.01.2015 / 00:00:00
18	48	201.7	01.01.2015 / 00:00:00
18	49	205.3	01.01.2015 / 00:00:00
18	50	208.9	01.01.2015 / 00:00:00
18	51	212.5	01.01.2015 / 00:00:00
18	52	216.1	01.01.2015 / 00:00:00
18	53	219.7	01.01.2015 / 00:00:00
18	54	223.3	01.01.2015 / 00:00:00
18	55	226.9	01.01.2015 / 00:00:00
18	56	230.5	01.01.2015 / 00:00:00
18	57	234.1	01.01.2015 / 00:00:00
18	58	237.7	01.01.2015 / 00:00:00
18	59	241.3	01.01.2015 / 00:00:00
18	60	244.9	01.01.2015 / 00:00:00
18	61	248.5	01.01.2015 / 00:00:00
18	62	252.1	01.01.2015 / 00:00:00
18	63	255.7	01.01.2015 / 00:00:00
18	64	259.3	01.01.2015 / 00:00:00
18	65	262.9	01.01.2015 / 00:00:00
18	66	266.5	01.01.2015 / 00:00:00
18	67	270.1	01.01.2015 / 00:00:00
18	68	273.7	01.01.2015 / 00:00:00
18	69	277.3	01.01.2015 / 00:00:00
18	70	280.9	01.01.2015 / 00:00:00
18	71	284.5	01.01.2015 / 00:00:00
18	72	288.1	01.01.2015 / 00:00:00
18	73	291.7	01.01.2015 / 00:00:00
18	74	295.3	01.01.2015 / 00:00:00
18	75	298.9	01.01.2015 / 00:00:00
18	76	302.5	01.01.2015 / 00:00:00
18	77	306.1	01.01.2015 / 00:00:00
18	78	309.7	01.01.2015 / 00:00:00
18	79	313.3	01.01.2015 / 00:00:00
18	80	316.9	01.01.2015 / 00:00:00
18	81	320.5	01.01.2015 / 00:00:00
18	82	324.1	01.01.2015 / 00:00:00
18	83	327.7	01.01.2015 / 00:00:00
18	84	331.3	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
18	85	334.9	01.01.2015 / 00:00:00
18	86	338.5	01.01.2015 / 00:00:00
18	87	342.1	01.01.2015 / 00:00:00
18	88	345.7	01.01.2015 / 00:00:00
18	89	349.3	01.01.2015 / 00:00:00
18	90	352.9	01.01.2015 / 00:00:00
18	91	356.5	01.01.2015 / 00:00:00
18	92	0.1	01.01.2015 / 00:00:00
18	93	3.7	01.01.2015 / 00:00:00
18	94	7.3	01.01.2015 / 00:00:00
18	95	10.9	01.01.2015 / 00:00:00
18	96	14.5	01.01.2015 / 00:00:00
18	97	18.1	01.01.2015 / 00:00:00
18	98	21.7	01.01.2015 / 00:00:00
18	99	25.3	01.01.2015 / 00:00:00
19	1	34.4	01.01.2015 / 00:00:00
19	2	38	01.01.2015 / 00:00:00
19	3	41.6	01.01.2015 / 00:00:00
19	4	45.2	01.01.2015 / 00:00:00
19	5	48.8	01.01.2015 / 00:00:00
19	6	52.4	01.01.2015 / 00:00:00
19	7	56	01.01.2015 / 00:00:00
19	8	59.6	01.01.2015 / 00:00:00
19	9	63.2	01.01.2015 / 00:00:00
19	10	66.8	01.01.2015 / 00:00:00
19	11	70.4	01.01.2015 / 00:00:00
19	12	74	01.01.2015 / 00:00:00
19	13	77.6	01.01.2015 / 00:00:00
19	14	81.2	01.01.2015 / 00:00:00
19	15	84.8	01.01.2015 / 00:00:00
19	16	88.4	01.01.2015 / 00:00:00
19	17	92	01.01.2015 / 00:00:00
19	18	95.6	01.01.2015 / 00:00:00
19	19	99.2	01.01.2015 / 00:00:00
19	20	102.8	01.01.2015 / 00:00:00
19	21	106.4	01.01.2015 / 00:00:00
19	22	110	01.01.2015 / 00:00:00
19	23	113.6	01.01.2015 / 00:00:00
19	24	117.2	01.01.2015 / 00:00:00
19	25	120.8	01.01.2015 / 00:00:00
19	26	124.4	01.01.2015 / 00:00:00
19	27	128	01.01.2015 / 00:00:00
19	28	131.6	01.01.2015 / 00:00:00
19	29	135.2	01.01.2015 / 00:00:00
19	30	138.8	01.01.2015 / 00:00:00
19	31	142.4	01.01.2015 / 00:00:00
19	32	146	01.01.2015 / 00:00:00
19	33	149.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
19	34	153.2	01.01.2015 / 00:00:00
19	35	156.8	01.01.2015 / 00:00:00
19	36	160.4	01.01.2015 / 00:00:00
19	37	164	01.01.2015 / 00:00:00
19	38	167.6	01.01.2015 / 00:00:00
19	39	171.2	01.01.2015 / 00:00:00
19	40	174.8	01.01.2015 / 00:00:00
19	41	178.4	01.01.2015 / 00:00:00
19	42	182	01.01.2015 / 00:00:00
19	43	185.6	01.01.2015 / 00:00:00
19	44	189.2	01.01.2015 / 00:00:00
19	45	192.8	01.01.2015 / 00:00:00
19	46	196.4	01.01.2015 / 00:00:00
19	47	200	01.01.2015 / 00:00:00
19	48	203.6	01.01.2015 / 00:00:00
19	49	207.2	01.01.2015 / 00:00:00
19	50	210.8	01.01.2015 / 00:00:00
19	51	214.4	01.01.2015 / 00:00:00
19	52	218	01.01.2015 / 00:00:00
19	53	221.6	01.01.2015 / 00:00:00
19	54	225.2	01.01.2015 / 00:00:00
19	55	228.8	01.01.2015 / 00:00:00
19	56	232.4	01.01.2015 / 00:00:00
19	57	236	01.01.2015 / 00:00:00
19	58	239.6	01.01.2015 / 00:00:00
19	59	243.2	01.01.2015 / 00:00:00
19	60	246.8	01.01.2015 / 00:00:00
19	61	250.4	01.01.2015 / 00:00:00
19	62	254	01.01.2015 / 00:00:00
19	63	257.6	01.01.2015 / 00:00:00
19	64	261.2	01.01.2015 / 00:00:00
19	65	264.8	01.01.2015 / 00:00:00
19	66	268.4	01.01.2015 / 00:00:00
19	67	272	01.01.2015 / 00:00:00
19	68	275.6	01.01.2015 / 00:00:00
19	69	279.2	01.01.2015 / 00:00:00
19	70	282.8	01.01.2015 / 00:00:00
19	71	286.4	01.01.2015 / 00:00:00
19	72	290	01.01.2015 / 00:00:00
19	73	293.6	01.01.2015 / 00:00:00
19	74	297.2	01.01.2015 / 00:00:00
19	75	300.8	01.01.2015 / 00:00:00
19	76	304.4	01.01.2015 / 00:00:00
19	77	308	01.01.2015 / 00:00:00
19	78	311.6	01.01.2015 / 00:00:00
19	79	315.2	01.01.2015 / 00:00:00
19	80	318.8	01.01.2015 / 00:00:00
19	81	322.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
19	82	326	01.01.2015 / 00:00:00
19	83	329.6	01.01.2015 / 00:00:00
19	84	333.2	01.01.2015 / 00:00:00
19	85	336.8	01.01.2015 / 00:00:00
19	86	340.4	01.01.2015 / 00:00:00
19	87	344	01.01.2015 / 00:00:00
19	88	347.6	01.01.2015 / 00:00:00
19	89	351.2	01.01.2015 / 00:00:00
19	90	354.8	01.01.2015 / 00:00:00
19	91	358.4	01.01.2015 / 00:00:00
19	92	2	01.01.2015 / 00:00:00
19	93	5.6	01.01.2015 / 00:00:00
19	94	9.2	01.01.2015 / 00:00:00
19	95	12.8	01.01.2015 / 00:00:00
19	96	16.4	01.01.2015 / 00:00:00
19	97	20	01.01.2015 / 00:00:00
19	98	23.6	01.01.2015 / 00:00:00
19	99	27.2	01.01.2015 / 00:00:00
20	1	36.3	01.01.2015 / 00:00:00
20	2	39.9	01.01.2015 / 00:00:00
20	3	43.5	01.01.2015 / 00:00:00
20	4	47.1	01.01.2015 / 00:00:00
20	5	50.7	01.01.2015 / 00:00:00
20	6	54.3	01.01.2015 / 00:00:00
20	7	57.9	01.01.2015 / 00:00:00
20	8	61.5	01.01.2015 / 00:00:00
20	9	65.1	01.01.2015 / 00:00:00
20	10	68.7	01.01.2015 / 00:00:00
20	11	72.3	01.01.2015 / 00:00:00
20	12	75.9	01.01.2015 / 00:00:00
20	13	79.5	01.01.2015 / 00:00:00
20	14	83.1	01.01.2015 / 00:00:00
20	15	86.7	01.01.2015 / 00:00:00
20	16	90.3	01.01.2015 / 00:00:00
20	17	93.9	01.01.2015 / 00:00:00
20	18	97.5	01.01.2015 / 00:00:00
20	19	101.1	01.01.2015 / 00:00:00
20	20	104.7	01.01.2015 / 00:00:00
20	21	108.3	01.01.2015 / 00:00:00
20	22	111.9	01.01.2015 / 00:00:00
20	23	115.5	01.01.2015 / 00:00:00
20	24	119.1	01.01.2015 / 00:00:00
20	25	122.7	01.01.2015 / 00:00:00
20	26	126.3	01.01.2015 / 00:00:00
20	27	129.9	01.01.2015 / 00:00:00
20	28	133.5	01.01.2015 / 00:00:00
20	29	137.1	01.01.2015 / 00:00:00
20	30	140.7	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
20	31	144.3	01.01.2015 / 00:00:00
20	32	147.9	01.01.2015 / 00:00:00
20	33	151.5	01.01.2015 / 00:00:00
20	34	155.1	01.01.2015 / 00:00:00
20	35	158.7	01.01.2015 / 00:00:00
20	36	162.3	01.01.2015 / 00:00:00
20	37	165.9	01.01.2015 / 00:00:00
20	38	169.5	01.01.2015 / 00:00:00
20	39	173.1	01.01.2015 / 00:00:00
20	40	176.7	01.01.2015 / 00:00:00
20	41	180.3	01.01.2015 / 00:00:00
20	42	183.9	01.01.2015 / 00:00:00
20	43	187.5	01.01.2015 / 00:00:00
20	44	191.1	01.01.2015 / 00:00:00
20	45	194.7	01.01.2015 / 00:00:00
20	46	198.3	01.01.2015 / 00:00:00
20	47	201.9	01.01.2015 / 00:00:00
20	48	205.5	01.01.2015 / 00:00:00
20	49	209.1	01.01.2015 / 00:00:00
20	50	212.7	01.01.2015 / 00:00:00
20	51	216.3	01.01.2015 / 00:00:00
20	52	219.9	01.01.2015 / 00:00:00
20	53	223.5	01.01.2015 / 00:00:00
20	54	227.1	01.01.2015 / 00:00:00
20	55	230.7	01.01.2015 / 00:00:00
20	56	234.3	01.01.2015 / 00:00:00
20	57	237.9	01.01.2015 / 00:00:00
20	58	241.5	01.01.2015 / 00:00:00
20	59	245.1	01.01.2015 / 00:00:00
20	60	248.7	01.01.2015 / 00:00:00
20	61	252.3	01.01.2015 / 00:00:00
20	62	255.9	01.01.2015 / 00:00:00
20	63	259.5	01.01.2015 / 00:00:00
20	64	263.1	01.01.2015 / 00:00:00
20	65	266.7	01.01.2015 / 00:00:00
20	66	270.3	01.01.2015 / 00:00:00
20	67	273.9	01.01.2015 / 00:00:00
20	68	277.5	01.01.2015 / 00:00:00
20	69	281.1	01.01.2015 / 00:00:00
20	70	284.7	01.01.2015 / 00:00:00
20	71	288.3	01.01.2015 / 00:00:00
20	72	291.9	01.01.2015 / 00:00:00
20	73	295.5	01.01.2015 / 00:00:00
20	74	299.1	01.01.2015 / 00:00:00
20	75	302.7	01.01.2015 / 00:00:00
20	76	306.3	01.01.2015 / 00:00:00
20	77	309.9	01.01.2015 / 00:00:00
20	78	313.5	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
20	79	317.1	01.01.2015 / 00:00:00
20	80	320.7	01.01.2015 / 00:00:00
20	81	324.3	01.01.2015 / 00:00:00
20	82	327.9	01.01.2015 / 00:00:00
20	83	331.5	01.01.2015 / 00:00:00
20	84	335.1	01.01.2015 / 00:00:00
20	85	338.7	01.01.2015 / 00:00:00
20	86	342.3	01.01.2015 / 00:00:00
20	87	345.9	01.01.2015 / 00:00:00
20	88	349.5	01.01.2015 / 00:00:00
20	89	353.1	01.01.2015 / 00:00:00
20	90	356.7	01.01.2015 / 00:00:00
20	91	0.3	01.01.2015 / 00:00:00
20	92	3.9	01.01.2015 / 00:00:00
20	93	7.5	01.01.2015 / 00:00:00
20	94	11.1	01.01.2015 / 00:00:00
20	95	14.7	01.01.2015 / 00:00:00
20	96	18.3	01.01.2015 / 00:00:00
20	97	21.9	01.01.2015 / 00:00:00
20	98	25.5	01.01.2015 / 00:00:00
20	99	29.1	01.01.2015 / 00:00:00
21	1	38.3	01.01.2015 / 00:00:00
21	2	41.9	01.01.2015 / 00:00:00
21	3	45.5	01.01.2015 / 00:00:00
21	4	49.1	01.01.2015 / 00:00:00
21	5	52.7	01.01.2015 / 00:00:00
21	6	56.3	01.01.2015 / 00:00:00
21	7	59.9	01.01.2015 / 00:00:00
21	8	63.5	01.01.2015 / 00:00:00
21	9	67.1	01.01.2015 / 00:00:00
21	10	70.7	01.01.2015 / 00:00:00
21	11	74.3	01.01.2015 / 00:00:00
21	12	77.9	01.01.2015 / 00:00:00
21	13	81.5	01.01.2015 / 00:00:00
21	14	85.1	01.01.2015 / 00:00:00
21	15	88.7	01.01.2015 / 00:00:00
21	16	92.3	01.01.2015 / 00:00:00
21	17	95.9	01.01.2015 / 00:00:00
21	18	99.5	01.01.2015 / 00:00:00
21	19	103.1	01.01.2015 / 00:00:00
21	20	106.7	01.01.2015 / 00:00:00
21	21	110.3	01.01.2015 / 00:00:00
21	22	113.9	01.01.2015 / 00:00:00
21	23	117.5	01.01.2015 / 00:00:00
21	24	121.1	01.01.2015 / 00:00:00
21	25	124.7	01.01.2015 / 00:00:00
21	26	128.3	01.01.2015 / 00:00:00
21	27	131.9	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
21	28	135.5	01.01.2015 / 00:00:00
21	29	139.1	01.01.2015 / 00:00:00
21	30	142.7	01.01.2015 / 00:00:00
21	31	146.3	01.01.2015 / 00:00:00
21	32	149.9	01.01.2015 / 00:00:00
21	33	153.5	01.01.2015 / 00:00:00
21	34	157.1	01.01.2015 / 00:00:00
21	35	160.7	01.01.2015 / 00:00:00
21	36	164.3	01.01.2015 / 00:00:00
21	37	167.9	01.01.2015 / 00:00:00
21	38	171.5	01.01.2015 / 00:00:00
21	39	175.1	01.01.2015 / 00:00:00
21	40	178.7	01.01.2015 / 00:00:00
21	41	182.3	01.01.2015 / 00:00:00
21	42	185.9	01.01.2015 / 00:00:00
21	43	189.5	01.01.2015 / 00:00:00
21	44	193.1	01.01.2015 / 00:00:00
21	45	196.7	01.01.2015 / 00:00:00
21	46	200.3	01.01.2015 / 00:00:00
21	47	203.9	01.01.2015 / 00:00:00
21	48	207.5	01.01.2015 / 00:00:00
21	49	211.1	01.01.2015 / 00:00:00
21	50	214.7	01.01.2015 / 00:00:00
21	51	218.3	01.01.2015 / 00:00:00
21	52	221.9	01.01.2015 / 00:00:00
21	53	225.5	01.01.2015 / 00:00:00
21	54	229.1	01.01.2015 / 00:00:00
21	55	232.7	01.01.2015 / 00:00:00
21	56	236.3	01.01.2015 / 00:00:00
21	57	239.9	01.01.2015 / 00:00:00
21	58	243.5	01.01.2015 / 00:00:00
21	59	247.1	01.01.2015 / 00:00:00
21	60	250.7	01.01.2015 / 00:00:00
21	61	254.3	01.01.2015 / 00:00:00
21	62	257.9	01.01.2015 / 00:00:00
21	63	261.5	01.01.2015 / 00:00:00
21	64	265.1	01.01.2015 / 00:00:00
21	65	268.7	01.01.2015 / 00:00:00
21	66	272.3	01.01.2015 / 00:00:00
21	67	275.9	01.01.2015 / 00:00:00
21	68	279.5	01.01.2015 / 00:00:00
21	69	283.1	01.01.2015 / 00:00:00
21	70	286.7	01.01.2015 / 00:00:00
21	71	290.3	01.01.2015 / 00:00:00
21	72	293.9	01.01.2015 / 00:00:00
21	73	297.5	01.01.2015 / 00:00:00
21	74	301.1	01.01.2015 / 00:00:00
21	75	304.7	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
21	76	308.3	01.01.2015 / 00:00:00
21	77	311.9	01.01.2015 / 00:00:00
21	78	315.5	01.01.2015 / 00:00:00
21	79	319.1	01.01.2015 / 00:00:00
21	80	322.7	01.01.2015 / 00:00:00
21	81	326.3	01.01.2015 / 00:00:00
21	82	329.9	01.01.2015 / 00:00:00
21	83	333.5	01.01.2015 / 00:00:00
21	84	337.1	01.01.2015 / 00:00:00
21	85	340.7	01.01.2015 / 00:00:00
21	86	344.3	01.01.2015 / 00:00:00
21	87	347.9	01.01.2015 / 00:00:00
21	88	351.5	01.01.2015 / 00:00:00
21	89	355.1	01.01.2015 / 00:00:00
21	90	358.7	01.01.2015 / 00:00:00
21	91	2.3	01.01.2015 / 00:00:00
21	92	5.9	01.01.2015 / 00:00:00
21	93	9.5	01.01.2015 / 00:00:00
21	94	13.1	01.01.2015 / 00:00:00
21	95	16.7	01.01.2015 / 00:00:00
21	96	20.3	01.01.2015 / 00:00:00
21	97	23.9	01.01.2015 / 00:00:00
21	98	27.5	01.01.2015 / 00:00:00
21	99	31.1	01.01.2015 / 00:00:00
22	1	40.2	01.01.2015 / 00:00:00
22	2	43.8	01.01.2015 / 00:00:00
22	3	47.4	01.01.2015 / 00:00:00
22	4	51	01.01.2015 / 00:00:00
22	5	54.6	01.01.2015 / 00:00:00
22	6	58.2	01.01.2015 / 00:00:00
22	7	61.8	01.01.2015 / 00:00:00
22	8	65.4	01.01.2015 / 00:00:00
22	9	69	01.01.2015 / 00:00:00
22	10	72.6	01.01.2015 / 00:00:00
22	11	76.2	01.01.2015 / 00:00:00
22	12	79.8	01.01.2015 / 00:00:00
22	13	83.4	01.01.2015 / 00:00:00
22	14	87	01.01.2015 / 00:00:00
22	15	90.6	01.01.2015 / 00:00:00
22	16	94.2	01.01.2015 / 00:00:00
22	17	97.8	01.01.2015 / 00:00:00
22	18	101.4	01.01.2015 / 00:00:00
22	19	105	01.01.2015 / 00:00:00
22	20	108.6	01.01.2015 / 00:00:00
22	21	112.2	01.01.2015 / 00:00:00
22	22	115.8	01.01.2015 / 00:00:00
22	23	119.4	01.01.2015 / 00:00:00
22	24	123	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
22	25	126.6	01.01.2015 / 00:00:00
22	26	130.2	01.01.2015 / 00:00:00
22	27	133.8	01.01.2015 / 00:00:00
22	28	137.4	01.01.2015 / 00:00:00
22	29	141	01.01.2015 / 00:00:00
22	30	144.6	01.01.2015 / 00:00:00
22	31	148.2	01.01.2015 / 00:00:00
22	32	151.8	01.01.2015 / 00:00:00
22	33	155.4	01.01.2015 / 00:00:00
22	34	159	01.01.2015 / 00:00:00
22	35	162.6	01.01.2015 / 00:00:00
22	36	166.2	01.01.2015 / 00:00:00
22	37	169.8	01.01.2015 / 00:00:00
22	38	173.4	01.01.2015 / 00:00:00
22	39	177	01.01.2015 / 00:00:00
22	40	180.6	01.01.2015 / 00:00:00
22	41	184.2	01.01.2015 / 00:00:00
22	42	187.8	01.01.2015 / 00:00:00
22	43	191.4	01.01.2015 / 00:00:00
22	44	195	01.01.2015 / 00:00:00
22	45	198.6	01.01.2015 / 00:00:00
22	46	202.2	01.01.2015 / 00:00:00
22	47	205.8	01.01.2015 / 00:00:00
22	48	209.4	01.01.2015 / 00:00:00
22	49	213	01.01.2015 / 00:00:00
22	50	216.6	01.01.2015 / 00:00:00
22	51	220.2	01.01.2015 / 00:00:00
22	52	223.8	01.01.2015 / 00:00:00
22	53	227.4	01.01.2015 / 00:00:00
22	54	231	01.01.2015 / 00:00:00
22	55	234.6	01.01.2015 / 00:00:00
22	56	238.2	01.01.2015 / 00:00:00
22	57	241.8	01.01.2015 / 00:00:00
22	58	245.4	01.01.2015 / 00:00:00
22	59	249	01.01.2015 / 00:00:00
22	60	252.6	01.01.2015 / 00:00:00
22	61	256.2	01.01.2015 / 00:00:00
22	62	259.8	01.01.2015 / 00:00:00
22	63	263.4	01.01.2015 / 00:00:00
22	64	267	01.01.2015 / 00:00:00
22	65	270.6	01.01.2015 / 00:00:00
22	66	274.2	01.01.2015 / 00:00:00
22	67	277.8	01.01.2015 / 00:00:00
22	68	281.4	01.01.2015 / 00:00:00
22	69	285	01.01.2015 / 00:00:00
22	70	288.6	01.01.2015 / 00:00:00
22	71	292.2	01.01.2015 / 00:00:00
22	72	295.8	01.01.2015 / 00:00:00

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB				Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
22	73	299.4	01.01.2015 / 00:00:00
22	74	303	01.01.2015 / 00:00:00
22	75	306.6	01.01.2015 / 00:00:00
22	76	310.2	01.01.2015 / 00:00:00
22	77	313.8	01.01.2015 / 00:00:00
22	78	317.4	01.01.2015 / 00:00:00
22	79	321	01.01.2015 / 00:00:00
22	80	324.6	01.01.2015 / 00:00:00
22	81	328.2	01.01.2015 / 00:00:00
22	82	331.8	01.01.2015 / 00:00:00
22	83	335.4	01.01.2015 / 00:00:00
22	84	339	01.01.2015 / 00:00:00
22	85	342.6	01.01.2015 / 00:00:00
22	86	346.2	01.01.2015 / 00:00:00
22	87	349.8	01.01.2015 / 00:00:00
22	88	353.4	01.01.2015 / 00:00:00
22	89	357	01.01.2015 / 00:00:00
22	90	0.6	01.01.2015 / 00:00:00
22	91	4.2	01.01.2015 / 00:00:00
22	92	7.8	01.01.2015 / 00:00:00
22	93	11.4	01.01.2015 / 00:00:00
22	94	15	01.01.2015 / 00:00:00
22	95	18.6	01.01.2015 / 00:00:00
22	96	22.2	01.01.2015 / 00:00:00
22	97	25.8	01.01.2015 / 00:00:00
22	98	29.4	01.01.2015 / 00:00:00
22	99	33	01.01.2015 / 00:00:00
23	1	42.1	01.01.2015 / 00:00:00
23	2	45.7	01.01.2015 / 00:00:00
23	3	49.3	01.01.2015 / 00:00:00
23	4	52.9	01.01.2015 / 00:00:00
23	5	56.5	01.01.2015 / 00:00:00
23	6	60.1	01.01.2015 / 00:00:00
23	7	63.7	01.01.2015 / 00:00:00
23	8	67.3	01.01.2015 / 00:00:00
23	9	70.9	01.01.2015 / 00:00:00
23	10	74.5	01.01.2015 / 00:00:00
23	11	78.1	01.01.2015 / 00:00:00
23	12	81.7	01.01.2015 / 00:00:00
23	13	85.3	01.01.2015 / 00:00:00
23	14	88.9	01.01.2015 / 00:00:00
23	15	92.5	01.01.2015 / 00:00:00
23	16	96.1	01.01.2015 / 00:00:00
23	17	99.7	01.01.2015 / 00:00:00
23	18	103.3	01.01.2015 / 00:00:00
23	19	106.9	01.01.2015 / 00:00:00
23	20	110.5	01.01.2015 / 00:00:00
23	21	114.1	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
23	22	117.7	01.01.2015 / 00:00:00
23	23	121.3	01.01.2015 / 00:00:00
23	24	124.9	01.01.2015 / 00:00:00
23	25	128.5	01.01.2015 / 00:00:00
23	26	132.1	01.01.2015 / 00:00:00
23	27	135.7	01.01.2015 / 00:00:00
23	28	139.3	01.01.2015 / 00:00:00
23	29	142.9	01.01.2015 / 00:00:00
23	30	146.5	01.01.2015 / 00:00:00
23	31	150.1	01.01.2015 / 00:00:00
23	32	153.7	01.01.2015 / 00:00:00
23	33	157.3	01.01.2015 / 00:00:00
23	34	160.9	01.01.2015 / 00:00:00
23	35	164.5	01.01.2015 / 00:00:00
23	36	168.1	01.01.2015 / 00:00:00
23	37	171.7	01.01.2015 / 00:00:00
23	38	175.3	01.01.2015 / 00:00:00
23	39	178.9	01.01.2015 / 00:00:00
23	40	182.5	01.01.2015 / 00:00:00
23	41	186.1	01.01.2015 / 00:00:00
23	42	189.7	01.01.2015 / 00:00:00
23	43	193.3	01.01.2015 / 00:00:00
23	44	196.9	01.01.2015 / 00:00:00
23	45	200.5	01.01.2015 / 00:00:00
23	46	204.1	01.01.2015 / 00:00:00
23	47	207.7	01.01.2015 / 00:00:00
23	48	211.3	01.01.2015 / 00:00:00
23	49	214.9	01.01.2015 / 00:00:00
23	50	218.5	01.01.2015 / 00:00:00
23	51	222.1	01.01.2015 / 00:00:00
23	52	225.7	01.01.2015 / 00:00:00
23	53	229.3	01.01.2015 / 00:00:00
23	54	232.9	01.01.2015 / 00:00:00
23	55	236.5	01.01.2015 / 00:00:00
23	56	240.1	01.01.2015 / 00:00:00
23	57	243.7	01.01.2015 / 00:00:00
23	58	247.3	01.01.2015 / 00:00:00
23	59	250.9	01.01.2015 / 00:00:00
23	60	254.5	01.01.2015 / 00:00:00
23	61	258.1	01.01.2015 / 00:00:00
23	62	261.7	01.01.2015 / 00:00:00
23	63	265.3	01.01.2015 / 00:00:00
23	64	268.9	01.01.2015 / 00:00:00
23	65	272.5	01.01.2015 / 00:00:00
23	66	276.1	01.01.2015 / 00:00:00
23	67	279.7	01.01.2015 / 00:00:00
23	68	283.3	01.01.2015 / 00:00:00
23	69	286.9	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
23	70	290.5	01.01.2015 / 00:00:00
23	71	294.1	01.01.2015 / 00:00:00
23	72	297.7	01.01.2015 / 00:00:00
23	73	301.3	01.01.2015 / 00:00:00
23	74	304.9	01.01.2015 / 00:00:00
23	75	308.5	01.01.2015 / 00:00:00
23	76	312.1	01.01.2015 / 00:00:00
23	77	315.7	01.01.2015 / 00:00:00
23	78	319.3	01.01.2015 / 00:00:00
23	79	322.9	01.01.2015 / 00:00:00
23	80	326.5	01.01.2015 / 00:00:00
23	81	330.1	01.01.2015 / 00:00:00
23	82	333.7	01.01.2015 / 00:00:00
23	83	337.3	01.01.2015 / 00:00:00
23	84	340.9	01.01.2015 / 00:00:00
23	85	344.5	01.01.2015 / 00:00:00
23	86	348.1	01.01.2015 / 00:00:00
23	87	351.7	01.01.2015 / 00:00:00
23	88	355.3	01.01.2015 / 00:00:00
23	89	358.9	01.01.2015 / 00:00:00
23	90	2.5	01.01.2015 / 00:00:00
23	91	6.1	01.01.2015 / 00:00:00
23	92	9.7	01.01.2015 / 00:00:00
23	93	13.3	01.01.2015 / 00:00:00
23	94	16.9	01.01.2015 / 00:00:00
23	95	20.5	01.01.2015 / 00:00:00
23	96	24.1	01.01.2015 / 00:00:00
23	97	27.7	01.01.2015 / 00:00:00
23	98	31.3	01.01.2015 / 00:00:00
23	99	34.9	01.01.2015 / 00:00:00
24	1	44	01.01.2015 / 00:00:00
24	2	47.6	01.01.2015 / 00:00:00
24	3	51.2	01.01.2015 / 00:00:00
24	4	54.8	01.01.2015 / 00:00:00
24	5	58.4	01.01.2015 / 00:00:00
24	6	62	01.01.2015 / 00:00:00
24	7	65.6	01.01.2015 / 00:00:00
24	8	69.2	01.01.2015 / 00:00:00
24	9	72.8	01.01.2015 / 00:00:00
24	10	76.4	01.01.2015 / 00:00:00
24	11	80	01.01.2015 / 00:00:00
24	12	83.6	01.01.2015 / 00:00:00
24	13	87.2	01.01.2015 / 00:00:00
24	14	90.8	01.01.2015 / 00:00:00
24	15	94.4	01.01.2015 / 00:00:00
24	16	98	01.01.2015 / 00:00:00
24	17	101.6	01.01.2015 / 00:00:00
24	18	105.2	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
24	19	108.8	01.01.2015 / 00:00:00
24	20	112.4	01.01.2015 / 00:00:00
24	21	116	01.01.2015 / 00:00:00
24	22	119.6	01.01.2015 / 00:00:00
24	23	123.2	01.01.2015 / 00:00:00
24	24	126.8	01.01.2015 / 00:00:00
24	25	130.4	01.01.2015 / 00:00:00
24	26	134	01.01.2015 / 00:00:00
24	27	137.6	01.01.2015 / 00:00:00
24	28	141.2	01.01.2015 / 00:00:00
24	29	144.8	01.01.2015 / 00:00:00
24	30	148.4	01.01.2015 / 00:00:00
24	31	152	01.01.2015 / 00:00:00
24	32	155.6	01.01.2015 / 00:00:00
24	33	159.2	01.01.2015 / 00:00:00
24	34	162.8	01.01.2015 / 00:00:00
24	35	166.4	01.01.2015 / 00:00:00
24	36	170	01.01.2015 / 00:00:00
24	37	173.6	01.01.2015 / 00:00:00
24	38	177.2	01.01.2015 / 00:00:00
24	39	180.8	01.01.2015 / 00:00:00
24	40	184.4	01.01.2015 / 00:00:00
24	41	188	01.01.2015 / 00:00:00
24	42	191.6	01.01.2015 / 00:00:00
24	43	195.2	01.01.2015 / 00:00:00
24	44	198.8	01.01.2015 / 00:00:00
24	45	202.4	01.01.2015 / 00:00:00
24	46	206	01.01.2015 / 00:00:00
24	47	209.6	01.01.2015 / 00:00:00
24	48	213.2	01.01.2015 / 00:00:00
24	49	216.8	01.01.2015 / 00:00:00
24	50	220.4	01.01.2015 / 00:00:00
24	51	224	01.01.2015 / 00:00:00
24	52	227.6	01.01.2015 / 00:00:00
24	53	231.2	01.01.2015 / 00:00:00
24	54	234.8	01.01.2015 / 00:00:00
24	55	238.4	01.01.2015 / 00:00:00
24	56	242	01.01.2015 / 00:00:00
24	57	245.6	01.01.2015 / 00:00:00
24	58	249.2	01.01.2015 / 00:00:00
24	59	252.8	01.01.2015 / 00:00:00
24	60	256.4	01.01.2015 / 00:00:00
24	61	260	01.01.2015 / 00:00:00
24	62	263.6	01.01.2015 / 00:00:00
24	63	267.2	01.01.2015 / 00:00:00
24	64	270.8	01.01.2015 / 00:00:00
24	65	274.4	01.01.2015 / 00:00:00
24	66	278	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
24	67	281.6	01.01.2015 / 00:00:00
24	68	285.2	01.01.2015 / 00:00:00
24	69	288.8	01.01.2015 / 00:00:00
24	70	292.4	01.01.2015 / 00:00:00
24	71	296	01.01.2015 / 00:00:00
24	72	299.6	01.01.2015 / 00:00:00
24	73	303.2	01.01.2015 / 00:00:00
24	74	306.8	01.01.2015 / 00:00:00
24	75	310.4	01.01.2015 / 00:00:00
24	76	314	01.01.2015 / 00:00:00
24	77	317.6	01.01.2015 / 00:00:00
24	78	321.2	01.01.2015 / 00:00:00
24	79	324.8	01.01.2015 / 00:00:00
24	80	328.4	01.01.2015 / 00:00:00
24	81	332	01.01.2015 / 00:00:00
24	82	335.6	01.01.2015 / 00:00:00
24	83	339.2	01.01.2015 / 00:00:00
24	84	342.8	01.01.2015 / 00:00:00
24	85	346.4	01.01.2015 / 00:00:00
24	86	350	01.01.2015 / 00:00:00
24	87	353.6	01.01.2015 / 00:00:00
24	88	357.2	01.01.2015 / 00:00:00
24	89	0.8	01.01.2015 / 00:00:00
24	90	4.4	01.01.2015 / 00:00:00
24	91	8	01.01.2015 / 00:00:00
24	92	11.6	01.01.2015 / 00:00:00
24	93	15.2	01.01.2015 / 00:00:00
24	94	18.8	01.01.2015 / 00:00:00
24	95	22.4	01.01.2015 / 00:00:00
24	96	26	01.01.2015 / 00:00:00
24	97	29.6	01.01.2015 / 00:00:00
24	98	33.2	01.01.2015 / 00:00:00
24	99	36.8	01.01.2015 / 00:00:00
25	1	45.9	01.01.2015 / 00:00:00
25	2	49.5	01.01.2015 / 00:00:00
25	3	53.1	01.01.2015 / 00:00:00
25	4	56.7	01.01.2015 / 00:00:00
25	5	60.3	01.01.2015 / 00:00:00
25	6	63.9	01.01.2015 / 00:00:00
25	7	67.5	01.01.2015 / 00:00:00
25	8	71.1	01.01.2015 / 00:00:00
25	9	74.7	01.01.2015 / 00:00:00
25	10	78.3	01.01.2015 / 00:00:00
25	11	81.9	01.01.2015 / 00:00:00
25	12	85.5	01.01.2015 / 00:00:00
25	13	89.1	01.01.2015 / 00:00:00
25	14	92.7	01.01.2015 / 00:00:00
25	15	96.3	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
25	16	99.9	01.01.2015 / 00:00:00
25	17	103.5	01.01.2015 / 00:00:00
25	18	107.1	01.01.2015 / 00:00:00
25	19	110.7	01.01.2015 / 00:00:00
25	20	114.3	01.01.2015 / 00:00:00
25	21	117.9	01.01.2015 / 00:00:00
25	22	121.5	01.01.2015 / 00:00:00
25	23	125.1	01.01.2015 / 00:00:00
25	24	128.7	01.01.2015 / 00:00:00
25	25	132.3	01.01.2015 / 00:00:00
25	26	135.9	01.01.2015 / 00:00:00
25	27	139.5	01.01.2015 / 00:00:00
25	28	143.1	01.01.2015 / 00:00:00
25	29	146.7	01.01.2015 / 00:00:00
25	30	150.3	01.01.2015 / 00:00:00
25	31	153.9	01.01.2015 / 00:00:00
25	32	157.5	01.01.2015 / 00:00:00
25	33	161.1	01.01.2015 / 00:00:00
25	34	164.7	01.01.2015 / 00:00:00
25	35	168.3	01.01.2015 / 00:00:00
25	36	171.9	01.01.2015 / 00:00:00
25	37	175.5	01.01.2015 / 00:00:00
25	38	179.1	01.01.2015 / 00:00:00
25	39	182.7	01.01.2015 / 00:00:00
25	40	186.3	01.01.2015 / 00:00:00
25	41	189.9	01.01.2015 / 00:00:00
25	42	193.5	01.01.2015 / 00:00:00
25	43	197.1	01.01.2015 / 00:00:00
25	44	200.7	01.01.2015 / 00:00:00
25	45	204.3	01.01.2015 / 00:00:00
25	46	207.9	01.01.2015 / 00:00:00
25	47	211.5	01.01.2015 / 00:00:00
25	48	215.1	01.01.2015 / 00:00:00
25	49	218.7	01.01.2015 / 00:00:00
25	50	222.3	01.01.2015 / 00:00:00
25	51	225.9	01.01.2015 / 00:00:00
25	52	229.5	01.01.2015 / 00:00:00
25	53	233.1	01.01.2015 / 00:00:00
25	54	236.7	01.01.2015 / 00:00:00
25	55	240.3	01.01.2015 / 00:00:00
25	56	243.9	01.01.2015 / 00:00:00
25	57	247.5	01.01.2015 / 00:00:00
25	58	251.1	01.01.2015 / 00:00:00
25	59	254.7	01.01.2015 / 00:00:00
25	60	258.3	01.01.2015 / 00:00:00
25	61	261.9	01.01.2015 / 00:00:00
25	62	265.5	01.01.2015 / 00:00:00
25	63	269.1	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
25	64	272.7	01.01.2015 / 00:00:00
25	65	276.3	01.01.2015 / 00:00:00
25	66	279.9	01.01.2015 / 00:00:00
25	67	283.5	01.01.2015 / 00:00:00
25	68	287.1	01.01.2015 / 00:00:00
25	69	290.7	01.01.2015 / 00:00:00
25	70	294.3	01.01.2015 / 00:00:00
25	71	297.9	01.01.2015 / 00:00:00
25	72	301.5	01.01.2015 / 00:00:00
25	73	305.1	01.01.2015 / 00:00:00
25	74	308.7	01.01.2015 / 00:00:00
25	75	312.3	01.01.2015 / 00:00:00
25	76	315.9	01.01.2015 / 00:00:00
25	77	319.5	01.01.2015 / 00:00:00
25	78	323.1	01.01.2015 / 00:00:00
25	79	326.7	01.01.2015 / 00:00:00
25	80	330.3	01.01.2015 / 00:00:00
25	81	333.9	01.01.2015 / 00:00:00
25	82	337.5	01.01.2015 / 00:00:00
25	83	341.1	01.01.2015 / 00:00:00
25	84	344.7	01.01.2015 / 00:00:00
25	85	348.3	01.01.2015 / 00:00:00
25	86	351.9	01.01.2015 / 00:00:00
25	87	355.5	01.01.2015 / 00:00:00
25	88	359.1	01.01.2015 / 00:00:00
25	89	2.7	01.01.2015 / 00:00:00
25	90	6.3	01.01.2015 / 00:00:00
25	91	9.9	01.01.2015 / 00:00:00
25	92	13.5	01.01.2015 / 00:00:00
25	93	17.1	01.01.2015 / 00:00:00
25	94	20.7	01.01.2015 / 00:00:00
25	95	24.3	01.01.2015 / 00:00:00
25	96	27.9	01.01.2015 / 00:00:00
25	97	31.5	01.01.2015 / 00:00:00
25	98	35.1	01.01.2015 / 00:00:00
25	99	38.7	01.01.2015 / 00:00:00
26	1	47.8	01.01.2015 / 00:00:00
26	2	51.4	01.01.2015 / 00:00:00
26	3	55	01.01.2015 / 00:00:00
26	4	58.6	01.01.2015 / 00:00:00
26	5	62.2	01.01.2015 / 00:00:00
26	6	65.8	01.01.2015 / 00:00:00
26	7	69.4	01.01.2015 / 00:00:00
26	8	73	01.01.2015 / 00:00:00
26	9	76.6	01.01.2015 / 00:00:00
26	10	80.2	01.01.2015 / 00:00:00
26	11	83.8	01.01.2015 / 00:00:00
26	12	87.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
26	13	91	01.01.2015 / 00:00:00
26	14	94.6	01.01.2015 / 00:00:00
26	15	98.2	01.01.2015 / 00:00:00
26	16	101.8	01.01.2015 / 00:00:00
26	17	105.4	01.01.2015 / 00:00:00
26	18	109	01.01.2015 / 00:00:00
26	19	112.6	01.01.2015 / 00:00:00
26	20	116.2	01.01.2015 / 00:00:00
26	21	119.8	01.01.2015 / 00:00:00
26	22	123.4	01.01.2015 / 00:00:00
26	23	127	01.01.2015 / 00:00:00
26	24	130.6	01.01.2015 / 00:00:00
26	25	134.2	01.01.2015 / 00:00:00
26	26	137.8	01.01.2015 / 00:00:00
26	27	141.4	01.01.2015 / 00:00:00
26	28	145	01.01.2015 / 00:00:00
26	29	148.6	01.01.2015 / 00:00:00
26	30	152.2	01.01.2015 / 00:00:00
26	31	155.8	01.01.2015 / 00:00:00
26	32	159.4	01.01.2015 / 00:00:00
26	33	163	01.01.2015 / 00:00:00
26	34	166.6	01.01.2015 / 00:00:00
26	35	170.2	01.01.2015 / 00:00:00
26	36	173.8	01.01.2015 / 00:00:00
26	37	177.4	01.01.2015 / 00:00:00
26	38	181	01.01.2015 / 00:00:00
26	39	184.6	01.01.2015 / 00:00:00
26	40	188.2	01.01.2015 / 00:00:00
26	41	191.8	01.01.2015 / 00:00:00
26	42	195.4	01.01.2015 / 00:00:00
26	43	199	01.01.2015 / 00:00:00
26	44	202.6	01.01.2015 / 00:00:00
26	45	206.2	01.01.2015 / 00:00:00
26	46	209.8	01.01.2015 / 00:00:00
26	47	213.4	01.01.2015 / 00:00:00
26	48	217	01.01.2015 / 00:00:00
26	49	220.6	01.01.2015 / 00:00:00
26	50	224.2	01.01.2015 / 00:00:00
26	51	227.8	01.01.2015 / 00:00:00
26	52	231.4	01.01.2015 / 00:00:00
26	53	235	01.01.2015 / 00:00:00
26	54	238.6	01.01.2015 / 00:00:00
26	55	242.2	01.01.2015 / 00:00:00
26	56	245.8	01.01.2015 / 00:00:00
26	57	249.4	01.01.2015 / 00:00:00
26	58	253	01.01.2015 / 00:00:00
26	59	256.6	01.01.2015 / 00:00:00
26	60	260.2	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
26	61	263.8	01.01.2015 / 00:00:00
26	62	267.4	01.01.2015 / 00:00:00
26	63	271	01.01.2015 / 00:00:00
26	64	274.6	01.01.2015 / 00:00:00
26	65	278.2	01.01.2015 / 00:00:00
26	66	281.8	01.01.2015 / 00:00:00
26	67	285.4	01.01.2015 / 00:00:00
26	68	289	01.01.2015 / 00:00:00
26	69	292.6	01.01.2015 / 00:00:00
26	70	296.2	01.01.2015 / 00:00:00
26	71	299.8	01.01.2015 / 00:00:00
26	72	303.4	01.01.2015 / 00:00:00
26	73	307	01.01.2015 / 00:00:00
26	74	310.6	01.01.2015 / 00:00:00
26	75	314.2	01.01.2015 / 00:00:00
26	76	317.8	01.01.2015 / 00:00:00
26	77	321.4	01.01.2015 / 00:00:00
26	78	325	01.01.2015 / 00:00:00
26	79	328.6	01.01.2015 / 00:00:00
26	80	332.2	01.01.2015 / 00:00:00
26	81	335.8	01.01.2015 / 00:00:00
26	82	339.4	01.01.2015 / 00:00:00
26	83	343	01.01.2015 / 00:00:00
26	84	346.6	01.01.2015 / 00:00:00
26	85	350.2	01.01.2015 / 00:00:00
26	86	353.8	01.01.2015 / 00:00:00
26	87	357.4	01.01.2015 / 00:00:00
26	88	1	01.01.2015 / 00:00:00
26	89	4.6	01.01.2015 / 00:00:00
26	90	8.2	01.01.2015 / 00:00:00
26	91	11.8	01.01.2015 / 00:00:00
26	92	15.4	01.01.2015 / 00:00:00
26	93	19	01.01.2015 / 00:00:00
26	94	22.6	01.01.2015 / 00:00:00
26	95	26.2	01.01.2015 / 00:00:00
26	96	29.8	01.01.2015 / 00:00:00
26	97	33.4	01.01.2015 / 00:00:00
26	98	37	01.01.2015 / 00:00:00
26	99	40.6	01.01.2015 / 00:00:00
27	1	49.7	01.01.2015 / 00:00:00
27	2	53.3	01.01.2015 / 00:00:00
27	3	56.9	01.01.2015 / 00:00:00
27	4	60.5	01.01.2015 / 00:00:00
27	5	64.1	01.01.2015 / 00:00:00
27	6	67.7	01.01.2015 / 00:00:00
27	7	71.3	01.01.2015 / 00:00:00
27	8	74.9	01.01.2015 / 00:00:00
27	9	78.5	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
27	10	82.1	01.01.2015 / 00:00:00
27	11	85.7	01.01.2015 / 00:00:00
27	12	89.3	01.01.2015 / 00:00:00
27	13	92.9	01.01.2015 / 00:00:00
27	14	96.5	01.01.2015 / 00:00:00
27	15	100.1	01.01.2015 / 00:00:00
27	16	103.7	01.01.2015 / 00:00:00
27	17	107.3	01.01.2015 / 00:00:00
27	18	110.9	01.01.2015 / 00:00:00
27	19	114.5	01.01.2015 / 00:00:00
27	20	118.1	01.01.2015 / 00:00:00
27	21	121.7	01.01.2015 / 00:00:00
27	22	125.3	01.01.2015 / 00:00:00
27	23	128.9	01.01.2015 / 00:00:00
27	24	132.5	01.01.2015 / 00:00:00
27	25	136.1	01.01.2015 / 00:00:00
27	26	139.7	01.01.2015 / 00:00:00
27	27	143.3	01.01.2015 / 00:00:00
27	28	146.9	01.01.2015 / 00:00:00
27	29	150.5	01.01.2015 / 00:00:00
27	30	154.1	01.01.2015 / 00:00:00
27	31	157.7	01.01.2015 / 00:00:00
27	32	161.3	01.01.2015 / 00:00:00
27	33	164.9	01.01.2015 / 00:00:00
27	34	168.5	01.01.2015 / 00:00:00
27	35	172.1	01.01.2015 / 00:00:00
27	36	175.7	01.01.2015 / 00:00:00
27	37	179.3	01.01.2015 / 00:00:00
27	38	182.9	01.01.2015 / 00:00:00
27	39	186.5	01.01.2015 / 00:00:00
27	40	190.1	01.01.2015 / 00:00:00
27	41	193.7	01.01.2015 / 00:00:00
27	42	197.3	01.01.2015 / 00:00:00
27	43	200.9	01.01.2015 / 00:00:00
27	44	204.5	01.01.2015 / 00:00:00
27	45	208.1	01.01.2015 / 00:00:00
27	46	211.7	01.01.2015 / 00:00:00
27	47	215.3	01.01.2015 / 00:00:00
27	48	218.9	01.01.2015 / 00:00:00
27	49	222.5	01.01.2015 / 00:00:00
27	50	226.1	01.01.2015 / 00:00:00
27	51	229.7	01.01.2015 / 00:00:00
27	52	233.3	01.01.2015 / 00:00:00
27	53	236.9	01.01.2015 / 00:00:00
27	54	240.5	01.01.2015 / 00:00:00
27	55	244.1	01.01.2015 / 00:00:00
27	56	247.7	01.01.2015 / 00:00:00
27	57	251.3	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
27	58	254.9	01.01.2015 / 00:00:00
27	59	258.5	01.01.2015 / 00:00:00
27	60	262.1	01.01.2015 / 00:00:00
27	61	265.7	01.01.2015 / 00:00:00
27	62	269.3	01.01.2015 / 00:00:00
27	63	272.9	01.01.2015 / 00:00:00
27	64	276.5	01.01.2015 / 00:00:00
27	65	280.1	01.01.2015 / 00:00:00
27	66	283.7	01.01.2015 / 00:00:00
27	67	287.3	01.01.2015 / 00:00:00
27	68	290.9	01.01.2015 / 00:00:00
27	69	294.5	01.01.2015 / 00:00:00
27	70	298.1	01.01.2015 / 00:00:00
27	71	301.7	01.01.2015 / 00:00:00
27	72	305.3	01.01.2015 / 00:00:00
27	73	308.9	01.01.2015 / 00:00:00
27	74	312.5	01.01.2015 / 00:00:00
27	75	316.1	01.01.2015 / 00:00:00
27	76	319.7	01.01.2015 / 00:00:00
27	77	323.3	01.01.2015 / 00:00:00
27	78	326.9	01.01.2015 / 00:00:00
27	79	330.5	01.01.2015 / 00:00:00
27	80	334.1	01.01.2015 / 00:00:00
27	81	337.7	01.01.2015 / 00:00:00
27	82	341.3	01.01.2015 / 00:00:00
27	83	344.9	01.01.2015 / 00:00:00
27	84	348.5	01.01.2015 / 00:00:00
27	85	352.1	01.01.2015 / 00:00:00
27	86	355.7	01.01.2015 / 00:00:00
27	87	359.3	01.01.2015 / 00:00:00
27	88	2.9	01.01.2015 / 00:00:00
27	89	6.5	01.01.2015 / 00:00:00
27	90	10.1	01.01.2015 / 00:00:00
27	91	13.7	01.01.2015 / 00:00:00
27	92	17.3	01.01.2015 / 00:00:00
27	93	20.9	01.01.2015 / 00:00:00
27	94	24.5	01.01.2015 / 00:00:00
27	95	28.1	01.01.2015 / 00:00:00
27	96	31.7	01.01.2015 / 00:00:00
27	97	35.3	01.01.2015 / 00:00:00
27	98	38.9	01.01.2015 / 00:00:00
27	99	42.5	01.01.2015 / 00:00:00
28	1	51.6	01.01.2015 / 00:00:00
28	2	55.2	01.01.2015 / 00:00:00
28	3	58.8	01.01.2015 / 00:00:00
28	4	62.4	01.01.2015 / 00:00:00
28	5	66	01.01.2015 / 00:00:00
28	6	69.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
28	7	73.2	01.01.2015 / 00:00:00
28	8	76.8	01.01.2015 / 00:00:00
28	9	80.4	01.01.2015 / 00:00:00
28	10	84	01.01.2015 / 00:00:00
28	11	87.6	01.01.2015 / 00:00:00
28	12	91.2	01.01.2015 / 00:00:00
28	13	94.8	01.01.2015 / 00:00:00
28	14	98.4	01.01.2015 / 00:00:00
28	15	102	01.01.2015 / 00:00:00
28	16	105.6	01.01.2015 / 00:00:00
28	17	109.2	01.01.2015 / 00:00:00
28	18	112.8	01.01.2015 / 00:00:00
28	19	116.4	01.01.2015 / 00:00:00
28	20	120	01.01.2015 / 00:00:00
28	21	123.6	01.01.2015 / 00:00:00
28	22	127.2	01.01.2015 / 00:00:00
28	23	130.8	01.01.2015 / 00:00:00
28	24	134.4	01.01.2015 / 00:00:00
28	25	138	01.01.2015 / 00:00:00
28	26	141.6	01.01.2015 / 00:00:00
28	27	145.2	01.01.2015 / 00:00:00
28	28	148.8	01.01.2015 / 00:00:00
28	29	152.4	01.01.2015 / 00:00:00
28	30	156	01.01.2015 / 00:00:00
28	31	159.6	01.01.2015 / 00:00:00
28	32	163.2	01.01.2015 / 00:00:00
28	33	166.8	01.01.2015 / 00:00:00
28	34	170.4	01.01.2015 / 00:00:00
28	35	174	01.01.2015 / 00:00:00
28	36	177.6	01.01.2015 / 00:00:00
28	37	181.2	01.01.2015 / 00:00:00
28	38	184.8	01.01.2015 / 00:00:00
28	39	188.4	01.01.2015 / 00:00:00
28	40	192	01.01.2015 / 00:00:00
28	41	195.6	01.01.2015 / 00:00:00
28	42	199.2	01.01.2015 / 00:00:00
28	43	202.8	01.01.2015 / 00:00:00
28	44	206.4	01.01.2015 / 00:00:00
28	45	210	01.01.2015 / 00:00:00
28	46	213.6	01.01.2015 / 00:00:00
28	47	217.2	01.01.2015 / 00:00:00
28	48	220.8	01.01.2015 / 00:00:00
28	49	224.4	01.01.2015 / 00:00:00
28	50	228	01.01.2015 / 00:00:00
28	51	231.6	01.01.2015 / 00:00:00
28	52	235.2	01.01.2015 / 00:00:00
28	53	238.8	01.01.2015 / 00:00:00
28	54	242.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
28	55	246	01.01.2015 / 00:00:00
28	56	249.6	01.01.2015 / 00:00:00
28	57	253.2	01.01.2015 / 00:00:00
28	58	256.8	01.01.2015 / 00:00:00
28	59	260.4	01.01.2015 / 00:00:00
28	60	264	01.01.2015 / 00:00:00
28	61	267.6	01.01.2015 / 00:00:00
28	62	271.2	01.01.2015 / 00:00:00
28	63	274.8	01.01.2015 / 00:00:00
28	64	278.4	01.01.2015 / 00:00:00
28	65	282	01.01.2015 / 00:00:00
28	66	285.6	01.01.2015 / 00:00:00
28	67	289.2	01.01.2015 / 00:00:00
28	68	292.8	01.01.2015 / 00:00:00
28	69	296.4	01.01.2015 / 00:00:00
28	70	300	01.01.2015 / 00:00:00
28	71	303.6	01.01.2015 / 00:00:00
28	72	307.2	01.01.2015 / 00:00:00
28	73	310.8	01.01.2015 / 00:00:00
28	74	314.4	01.01.2015 / 00:00:00
28	75	318	01.01.2015 / 00:00:00
28	76	321.6	01.01.2015 / 00:00:00
28	77	325.2	01.01.2015 / 00:00:00
28	78	328.8	01.01.2015 / 00:00:00
28	79	332.4	01.01.2015 / 00:00:00
28	80	336	01.01.2015 / 00:00:00
28	81	339.6	01.01.2015 / 00:00:00
28	82	343.2	01.01.2015 / 00:00:00
28	83	346.8	01.01.2015 / 00:00:00
28	84	350.4	01.01.2015 / 00:00:00
28	85	354	01.01.2015 / 00:00:00
28	86	357.6	01.01.2015 / 00:00:00
28	87	1.2	01.01.2015 / 00:00:00
28	88	4.8	01.01.2015 / 00:00:00
28	89	8.4	01.01.2015 / 00:00:00
28	90	12	01.01.2015 / 00:00:00
28	91	15.6	01.01.2015 / 00:00:00
28	92	19.2	01.01.2015 / 00:00:00
28	93	22.8	01.01.2015 / 00:00:00
28	94	26.4	01.01.2015 / 00:00:00
28	95	30	01.01.2015 / 00:00:00
28	96	33.6	01.01.2015 / 00:00:00
28	97	37.2	01.01.2015 / 00:00:00
28	98	40.8	01.01.2015 / 00:00:00
28	99	44.4	01.01.2015 / 00:00:00
29	1	53.6	01.01.2015 / 00:00:00
29	2	57.2	01.01.2015 / 00:00:00
29	3	60.8	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
29	4	64.4	01.01.2015 / 00:00:00
29	5	68	01.01.2015 / 00:00:00
29	6	71.6	01.01.2015 / 00:00:00
29	7	75.2	01.01.2015 / 00:00:00
29	8	78.8	01.01.2015 / 00:00:00
29	9	82.4	01.01.2015 / 00:00:00
29	10	86	01.01.2015 / 00:00:00
29	11	89.6	01.01.2015 / 00:00:00
29	12	93.2	01.01.2015 / 00:00:00
29	13	96.8	01.01.2015 / 00:00:00
29	14	100.4	01.01.2015 / 00:00:00
29	15	104	01.01.2015 / 00:00:00
29	16	107.6	01.01.2015 / 00:00:00
29	17	111.2	01.01.2015 / 00:00:00
29	18	114.8	01.01.2015 / 00:00:00
29	19	118.4	01.01.2015 / 00:00:00
29	20	122	01.01.2015 / 00:00:00
29	21	125.6	01.01.2015 / 00:00:00
29	22	129.2	01.01.2015 / 00:00:00
29	23	132.8	01.01.2015 / 00:00:00
29	24	136.4	01.01.2015 / 00:00:00
29	25	140	01.01.2015 / 00:00:00
29	26	143.6	01.01.2015 / 00:00:00
29	27	147.2	01.01.2015 / 00:00:00
29	28	150.8	01.01.2015 / 00:00:00
29	29	154.4	01.01.2015 / 00:00:00
29	30	158	01.01.2015 / 00:00:00
29	31	161.6	01.01.2015 / 00:00:00
29	32	165.2	01.01.2015 / 00:00:00
29	33	168.8	01.01.2015 / 00:00:00
29	34	172.4	01.01.2015 / 00:00:00
29	35	176	01.01.2015 / 00:00:00
29	36	179.6	01.01.2015 / 00:00:00
29	37	183.2	01.01.2015 / 00:00:00
29	38	186.8	01.01.2015 / 00:00:00
29	39	190.4	01.01.2015 / 00:00:00
29	40	194	01.01.2015 / 00:00:00
29	41	197.6	01.01.2015 / 00:00:00
29	42	201.2	01.01.2015 / 00:00:00
29	43	204.8	01.01.2015 / 00:00:00
29	44	208.4	01.01.2015 / 00:00:00
29	45	212	01.01.2015 / 00:00:00
29	46	215.6	01.01.2015 / 00:00:00
29	47	219.2	01.01.2015 / 00:00:00
29	48	222.8	01.01.2015 / 00:00:00
29	49	226.4	01.01.2015 / 00:00:00
29	50	230	01.01.2015 / 00:00:00
29	51	233.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
29	52	237.2	01.01.2015 / 00:00:00
29	53	240.8	01.01.2015 / 00:00:00
29	54	244.4	01.01.2015 / 00:00:00
29	55	248	01.01.2015 / 00:00:00
29	56	251.6	01.01.2015 / 00:00:00
29	57	255.2	01.01.2015 / 00:00:00
29	58	258.8	01.01.2015 / 00:00:00
29	59	262.4	01.01.2015 / 00:00:00
29	60	266	01.01.2015 / 00:00:00
29	61	269.6	01.01.2015 / 00:00:00
29	62	273.2	01.01.2015 / 00:00:00
29	63	276.8	01.01.2015 / 00:00:00
29	64	280.4	01.01.2015 / 00:00:00
29	65	284	01.01.2015 / 00:00:00
29	66	287.6	01.01.2015 / 00:00:00
29	67	291.2	01.01.2015 / 00:00:00
29	68	294.8	01.01.2015 / 00:00:00
29	69	298.4	01.01.2015 / 00:00:00
29	70	302	01.01.2015 / 00:00:00
29	71	305.6	01.01.2015 / 00:00:00
29	72	309.2	01.01.2015 / 00:00:00
29	73	312.8	01.01.2015 / 00:00:00
29	74	316.4	01.01.2015 / 00:00:00
29	75	320	01.01.2015 / 00:00:00
29	76	323.6	01.01.2015 / 00:00:00
29	77	327.2	01.01.2015 / 00:00:00
29	78	330.8	01.01.2015 / 00:00:00
29	79	334.4	01.01.2015 / 00:00:00
29	80	338	01.01.2015 / 00:00:00
29	81	341.6	01.01.2015 / 00:00:00
29	82	345.2	01.01.2015 / 00:00:00
29	83	348.8	01.01.2015 / 00:00:00
29	84	352.4	01.01.2015 / 00:00:00
29	85	356	01.01.2015 / 00:00:00
29	86	359.6	01.01.2015 / 00:00:00
29	87	3.2	01.01.2015 / 00:00:00
29	88	6.8	01.01.2015 / 00:00:00
29	89	10.4	01.01.2015 / 00:00:00
29	90	14	01.01.2015 / 00:00:00
29	91	17.6	01.01.2015 / 00:00:00
29	92	21.2	01.01.2015 / 00:00:00
29	93	24.8	01.01.2015 / 00:00:00
29	94	28.4	01.01.2015 / 00:00:00
29	95	32	01.01.2015 / 00:00:00
29	96	35.6	01.01.2015 / 00:00:00
29	97	39.2	01.01.2015 / 00:00:00
29	98	42.8	01.01.2015 / 00:00:00
29	99	46.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
30	1	55.5	01.01.2015 / 00:00:00
30	2	59.1	01.01.2015 / 00:00:00
30	3	62.7	01.01.2015 / 00:00:00
30	4	66.3	01.01.2015 / 00:00:00
30	5	69.9	01.01.2015 / 00:00:00
30	6	73.5	01.01.2015 / 00:00:00
30	7	77.1	01.01.2015 / 00:00:00
30	8	80.7	01.01.2015 / 00:00:00
30	9	84.3	01.01.2015 / 00:00:00
30	10	87.9	01.01.2015 / 00:00:00
30	11	91.5	01.01.2015 / 00:00:00
30	12	95.1	01.01.2015 / 00:00:00
30	13	98.7	01.01.2015 / 00:00:00
30	14	102.3	01.01.2015 / 00:00:00
30	15	105.9	01.01.2015 / 00:00:00
30	16	109.5	01.01.2015 / 00:00:00
30	17	113.1	01.01.2015 / 00:00:00
30	18	116.7	01.01.2015 / 00:00:00
30	19	120.3	01.01.2015 / 00:00:00
30	20	123.9	01.01.2015 / 00:00:00
30	21	127.5	01.01.2015 / 00:00:00
30	22	131.1	01.01.2015 / 00:00:00
30	23	134.7	01.01.2015 / 00:00:00
30	24	138.3	01.01.2015 / 00:00:00
30	25	141.9	01.01.2015 / 00:00:00
30	26	145.5	01.01.2015 / 00:00:00
30	27	149.1	01.01.2015 / 00:00:00
30	28	152.7	01.01.2015 / 00:00:00
30	29	156.3	01.01.2015 / 00:00:00
30	30	159.9	01.01.2015 / 00:00:00
30	31	163.5	01.01.2015 / 00:00:00
30	32	167.1	01.01.2015 / 00:00:00
30	33	170.7	01.01.2015 / 00:00:00
30	34	174.3	01.01.2015 / 00:00:00
30	35	177.9	01.01.2015 / 00:00:00
30	36	181.5	01.01.2015 / 00:00:00
30	37	185.1	01.01.2015 / 00:00:00
30	38	188.7	01.01.2015 / 00:00:00
30	39	192.3	01.01.2015 / 00:00:00
30	40	195.9	01.01.2015 / 00:00:00
30	41	199.5	01.01.2015 / 00:00:00
30	42	203.1	01.01.2015 / 00:00:00
30	43	206.7	01.01.2015 / 00:00:00
30	44	210.3	01.01.2015 / 00:00:00
30	45	213.9	01.01.2015 / 00:00:00
30	46	217.5	01.01.2015 / 00:00:00
30	47	221.1	01.01.2015 / 00:00:00
30	48	224.7	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
30	49	228.3	01.01.2015 / 00:00:00
30	50	231.9	01.01.2015 / 00:00:00
30	51	235.5	01.01.2015 / 00:00:00
30	52	239.1	01.01.2015 / 00:00:00
30	53	242.7	01.01.2015 / 00:00:00
30	54	246.3	01.01.2015 / 00:00:00
30	55	249.9	01.01.2015 / 00:00:00
30	56	253.5	01.01.2015 / 00:00:00
30	57	257.1	01.01.2015 / 00:00:00
30	58	260.7	01.01.2015 / 00:00:00
30	59	264.3	01.01.2015 / 00:00:00
30	60	267.9	01.01.2015 / 00:00:00
30	61	271.5	01.01.2015 / 00:00:00
30	62	275.1	01.01.2015 / 00:00:00
30	63	278.7	01.01.2015 / 00:00:00
30	64	282.3	01.01.2015 / 00:00:00
30	65	285.9	01.01.2015 / 00:00:00
30	66	289.5	01.01.2015 / 00:00:00
30	67	293.1	01.01.2015 / 00:00:00
30	68	296.7	01.01.2015 / 00:00:00
30	69	300.3	01.01.2015 / 00:00:00
30	70	303.9	01.01.2015 / 00:00:00
30	71	307.5	01.01.2015 / 00:00:00
30	72	311.1	01.01.2015 / 00:00:00
30	73	314.7	01.01.2015 / 00:00:00
30	74	318.3	01.01.2015 / 00:00:00
30	75	321.9	01.01.2015 / 00:00:00
30	76	325.5	01.01.2015 / 00:00:00
30	77	329.1	01.01.2015 / 00:00:00
30	78	332.7	01.01.2015 / 00:00:00
30	79	336.3	01.01.2015 / 00:00:00
30	80	339.9	01.01.2015 / 00:00:00
30	81	343.5	01.01.2015 / 00:00:00
30	82	347.1	01.01.2015 / 00:00:00
30	83	350.7	01.01.2015 / 00:00:00
30	84	354.3	01.01.2015 / 00:00:00
30	85	357.9	01.01.2015 / 00:00:00
30	86	1.5	01.01.2015 / 00:00:00
30	87	5.1	01.01.2015 / 00:00:00
30	88	8.7	01.01.2015 / 00:00:00
30	89	12.3	01.01.2015 / 00:00:00
30	90	15.9	01.01.2015 / 00:00:00
30	91	19.5	01.01.2015 / 00:00:00
30	92	23.1	01.01.2015 / 00:00:00
30	93	26.7	01.01.2015 / 00:00:00
30	94	30.3	01.01.2015 / 00:00:00
30	95	33.9	01.01.2015 / 00:00:00
30	96	37.5	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
30	97	41.1	01.01.2015 / 00:00:00
30	98	44.7	01.01.2015 / 00:00:00
30	99	48.3	01.01.2015 / 00:00:00
31	1	57.4	01.01.2015 / 00:00:00
31	2	61	01.01.2015 / 00:00:00
31	3	64.6	01.01.2015 / 00:00:00
31	4	68.2	01.01.2015 / 00:00:00
31	5	71.8	01.01.2015 / 00:00:00
31	6	75.4	01.01.2015 / 00:00:00
31	7	79	01.01.2015 / 00:00:00
31	8	82.6	01.01.2015 / 00:00:00
31	9	86.2	01.01.2015 / 00:00:00
31	10	89.8	01.01.2015 / 00:00:00
31	11	93.4	01.01.2015 / 00:00:00
31	12	97	01.01.2015 / 00:00:00
31	13	100.6	01.01.2015 / 00:00:00
31	14	104.2	01.01.2015 / 00:00:00
31	15	107.8	01.01.2015 / 00:00:00
31	16	111.4	01.01.2015 / 00:00:00
31	17	115	01.01.2015 / 00:00:00
31	18	118.6	01.01.2015 / 00:00:00
31	19	122.2	01.01.2015 / 00:00:00
31	20	125.8	01.01.2015 / 00:00:00
31	21	129.4	01.01.2015 / 00:00:00
31	22	133	01.01.2015 / 00:00:00
31	23	136.6	01.01.2015 / 00:00:00
31	24	140.2	01.01.2015 / 00:00:00
31	25	143.8	01.01.2015 / 00:00:00
31	26	147.4	01.01.2015 / 00:00:00
31	27	151	01.01.2015 / 00:00:00
31	28	154.6	01.01.2015 / 00:00:00
31	29	158.2	01.01.2015 / 00:00:00
31	30	161.8	01.01.2015 / 00:00:00
31	31	165.4	01.01.2015 / 00:00:00
31	32	169	01.01.2015 / 00:00:00
31	33	172.6	01.01.2015 / 00:00:00
31	34	176.2	01.01.2015 / 00:00:00
31	35	179.8	01.01.2015 / 00:00:00
31	36	183.4	01.01.2015 / 00:00:00
31	37	187	01.01.2015 / 00:00:00
31	38	190.6	01.01.2015 / 00:00:00
31	39	194.2	01.01.2015 / 00:00:00
31	40	197.8	01.01.2015 / 00:00:00
31	41	201.4	01.01.2015 / 00:00:00
31	42	205	01.01.2015 / 00:00:00
31	43	208.6	01.01.2015 / 00:00:00
31	44	212.2	01.01.2015 / 00:00:00
31	45	215.8	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
31	46	219.4	01.01.2015 / 00:00:00
31	47	223	01.01.2015 / 00:00:00
31	48	226.6	01.01.2015 / 00:00:00
31	49	230.2	01.01.2015 / 00:00:00
31	50	233.8	01.01.2015 / 00:00:00
31	51	237.4	01.01.2015 / 00:00:00
31	52	241	01.01.2015 / 00:00:00
31	53	244.6	01.01.2015 / 00:00:00
31	54	248.2	01.01.2015 / 00:00:00
31	55	251.8	01.01.2015 / 00:00:00
31	56	255.4	01.01.2015 / 00:00:00
31	57	259	01.01.2015 / 00:00:00
31	58	262.6	01.01.2015 / 00:00:00
31	59	266.2	01.01.2015 / 00:00:00
31	60	269.8	01.01.2015 / 00:00:00
31	61	273.4	01.01.2015 / 00:00:00
31	62	277	01.01.2015 / 00:00:00
31	63	280.6	01.01.2015 / 00:00:00
31	64	284.2	01.01.2015 / 00:00:00
31	65	287.8	01.01.2015 / 00:00:00
31	66	291.4	01.01.2015 / 00:00:00
31	67	295	01.01.2015 / 00:00:00
31	68	298.6	01.01.2015 / 00:00:00
31	69	302.2	01.01.2015 / 00:00:00
31	70	305.8	01.01.2015 / 00:00:00
31	71	309.4	01.01.2015 / 00:00:00
31	72	313	01.01.2015 / 00:00:00
31	73	316.6	01.01.2015 / 00:00:00
31	74	320.2	01.01.2015 / 00:00:00
31	75	323.8	01.01.2015 / 00:00:00
31	76	327.4	01.01.2015 / 00:00:00
31	77	331	01.01.2015 / 00:00:00
31	78	334.6	01.01.2015 / 00:00:00
31	79	338.2	01.01.2015 / 00:00:00
31	80	341.8	01.01.2015 / 00:00:00
31	81	345.4	01.01.2015 / 00:00:00
31	82	349	01.01.2015 / 00:00:00
31	83	352.6	01.01.2015 / 00:00:00
31	84	356.2	01.01.2015 / 00:00:00
31	85	359.8	01.01.2015 / 00:00:00
31	86	3.4	01.01.2015 / 00:00:00
31	87	7	01.01.2015 / 00:00:00
31	88	10.6	01.01.2015 / 00:00:00
31	89	14.2	01.01.2015 / 00:00:00
31	90	17.8	01.01.2015 / 00:00:00
31	91	21.4	01.01.2015 / 00:00:00
31	92	25	01.01.2015 / 00:00:00
31	93	28.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
31	94	32.2	01.01.2015 / 00:00:00
31	95	35.8	01.01.2015 / 00:00:00
31	96	39.4	01.01.2015 / 00:00:00
31	97	43	01.01.2015 / 00:00:00
31	98	46.6	01.01.2015 / 00:00:00
31	99	50.2	01.01.2015 / 00:00:00
32	1	59.3	01.01.2015 / 00:00:00
32	2	62.9	01.01.2015 / 00:00:00
32	3	66.5	01.01.2015 / 00:00:00
32	4	70.1	01.01.2015 / 00:00:00
32	5	73.7	01.01.2015 / 00:00:00
32	6	77.3	01.01.2015 / 00:00:00
32	7	80.9	01.01.2015 / 00:00:00
32	8	84.5	01.01.2015 / 00:00:00
32	9	88.1	01.01.2015 / 00:00:00
32	10	91.7	01.01.2015 / 00:00:00
32	11	95.3	01.01.2015 / 00:00:00
32	12	98.9	01.01.2015 / 00:00:00
32	13	102.5	01.01.2015 / 00:00:00
32	14	106.1	01.01.2015 / 00:00:00
32	15	109.7	01.01.2015 / 00:00:00
32	16	113.3	01.01.2015 / 00:00:00
32	17	116.9	01.01.2015 / 00:00:00
32	18	120.5	01.01.2015 / 00:00:00
32	19	124.1	01.01.2015 / 00:00:00
32	20	127.7	01.01.2015 / 00:00:00
32	21	131.3	01.01.2015 / 00:00:00
32	22	134.9	01.01.2015 / 00:00:00
32	23	138.5	01.01.2015 / 00:00:00
32	24	142.1	01.01.2015 / 00:00:00
32	25	145.7	01.01.2015 / 00:00:00
32	26	149.3	01.01.2015 / 00:00:00
32	27	152.9	01.01.2015 / 00:00:00
32	28	156.5	01.01.2015 / 00:00:00
32	29	160.1	01.01.2015 / 00:00:00
32	30	163.7	01.01.2015 / 00:00:00
32	31	167.3	01.01.2015 / 00:00:00
32	32	170.9	01.01.2015 / 00:00:00
32	33	174.5	01.01.2015 / 00:00:00
32	34	178.1	01.01.2015 / 00:00:00
32	35	181.7	01.01.2015 / 00:00:00
32	36	185.3	01.01.2015 / 00:00:00
32	37	188.9	01.01.2015 / 00:00:00
32	38	192.5	01.01.2015 / 00:00:00
32	39	196.1	01.01.2015 / 00:00:00
32	40	199.7	01.01.2015 / 00:00:00
32	41	203.3	01.01.2015 / 00:00:00
32	42	206.9	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
32	43	210.5	01.01.2015 / 00:00:00
32	44	214.1	01.01.2015 / 00:00:00
32	45	217.7	01.01.2015 / 00:00:00
32	46	221.3	01.01.2015 / 00:00:00
32	47	224.9	01.01.2015 / 00:00:00
32	48	228.5	01.01.2015 / 00:00:00
32	49	232.1	01.01.2015 / 00:00:00
32	50	235.7	01.01.2015 / 00:00:00
32	51	239.3	01.01.2015 / 00:00:00
32	52	242.9	01.01.2015 / 00:00:00
32	53	246.5	01.01.2015 / 00:00:00
32	54	250.1	01.01.2015 / 00:00:00
32	55	253.7	01.01.2015 / 00:00:00
32	56	257.3	01.01.2015 / 00:00:00
32	57	260.9	01.01.2015 / 00:00:00
32	58	264.5	01.01.2015 / 00:00:00
32	59	268.1	01.01.2015 / 00:00:00
32	60	271.7	01.01.2015 / 00:00:00
32	61	275.3	01.01.2015 / 00:00:00
32	62	278.9	01.01.2015 / 00:00:00
32	63	282.5	01.01.2015 / 00:00:00
32	64	286.1	01.01.2015 / 00:00:00
32	65	289.7	01.01.2015 / 00:00:00
32	66	293.3	01.01.2015 / 00:00:00
32	67	296.9	01.01.2015 / 00:00:00
32	68	300.5	01.01.2015 / 00:00:00
32	69	304.1	01.01.2015 / 00:00:00
32	70	307.7	01.01.2015 / 00:00:00
32	71	311.3	01.01.2015 / 00:00:00
32	72	314.9	01.01.2015 / 00:00:00
32	73	318.5	01.01.2015 / 00:00:00
32	74	322.1	01.01.2015 / 00:00:00
32	75	325.7	01.01.2015 / 00:00:00
32	76	329.3	01.01.2015 / 00:00:00
32	77	332.9	01.01.2015 / 00:00:00
32	78	336.5	01.01.2015 / 00:00:00
32	79	340.1	01.01.2015 / 00:00:00
32	80	343.7	01.01.2015 / 00:00:00
32	81	347.3	01.01.2015 / 00:00:00
32	82	350.9	01.01.2015 / 00:00:00
32	83	354.5	01.01.2015 / 00:00:00
32	84	358.1	01.01.2015 / 00:00:00
32	85	1.7	01.01.2015 / 00:00:00
32	86	5.3	01.01.2015 / 00:00:00
32	87	8.9	01.01.2015 / 00:00:00
32	88	12.5	01.01.2015 / 00:00:00
32	89	16.1	01.01.2015 / 00:00:00
32	90	19.7	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
32	91	23.3	01.01.2015 / 00:00:00
32	92	26.9	01.01.2015 / 00:00:00
32	93	30.5	01.01.2015 / 00:00:00
32	94	34.1	01.01.2015 / 00:00:00
32	95	37.7	01.01.2015 / 00:00:00
32	96	41.3	01.01.2015 / 00:00:00
32	97	44.9	01.01.2015 / 00:00:00
32	98	48.5	01.01.2015 / 00:00:00
32	99	52.1	01.01.2015 / 00:00:00
33	1	0	01.01.2015 / 00:00:00
33	2	4.8	01.01.2015 / 00:00:00
33	3	9.6	01.01.2015 / 00:00:00
33	4	14.4	01.01.2015 / 00:00:00
33	5	19.2	01.01.2015 / 00:00:00
33	6	24	01.01.2015 / 00:00:00
33	7	28.8	01.01.2015 / 00:00:00
33	8	33.6	01.01.2015 / 00:00:00
33	9	38.4	01.01.2015 / 00:00:00
33	10	43.2	01.01.2015 / 00:00:00
33	11	48	01.01.2015 / 00:00:00
33	12	52.8	01.01.2015 / 00:00:00
33	13	57.6	01.01.2015 / 00:00:00
33	14	62.4	01.01.2015 / 00:00:00
33	15	67.2	01.01.2015 / 00:00:00
33	16	72	01.01.2015 / 00:00:00
33	17	76.8	01.01.2015 / 00:00:00
33	18	81.6	01.01.2015 / 00:00:00
33	19	86.4	01.01.2015 / 00:00:00
33	20	91.2	01.01.2015 / 00:00:00
33	21	96	01.01.2015 / 00:00:00
33	22	100.8	01.01.2015 / 00:00:00
33	23	105.6	01.01.2015 / 00:00:00
33	24	110.4	01.01.2015 / 00:00:00
33	25	115.2	01.01.2015 / 00:00:00
33	26	120	01.01.2015 / 00:00:00
33	27	124.8	01.01.2015 / 00:00:00
33	28	129.6	01.01.2015 / 00:00:00
33	29	134.4	01.01.2015 / 00:00:00
33	30	139.2	01.01.2015 / 00:00:00
33	31	144	01.01.2015 / 00:00:00
33	32	148.8	01.01.2015 / 00:00:00
33	33	153.6	01.01.2015 / 00:00:00
33	34	158.4	01.01.2015 / 00:00:00
33	35	163.2	01.01.2015 / 00:00:00
33	36	168	01.01.2015 / 00:00:00
33	37	172.8	01.01.2015 / 00:00:00
33	38	177.6	01.01.2015 / 00:00:00
33	39	182.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
33	40	187.2	01.01.2015 / 00:00:00
33	41	192	01.01.2015 / 00:00:00
33	42	196.8	01.01.2015 / 00:00:00
33	43	201.6	01.01.2015 / 00:00:00
33	44	206.4	01.01.2015 / 00:00:00
33	45	211.2	01.01.2015 / 00:00:00
33	46	216	01.01.2015 / 00:00:00
33	47	220.8	01.01.2015 / 00:00:00
33	48	225.6	01.01.2015 / 00:00:00
33	49	230.4	01.01.2015 / 00:00:00
33	50	235.2	01.01.2015 / 00:00:00
33	51	240	01.01.2015 / 00:00:00
33	52	244.8	01.01.2015 / 00:00:00
33	53	249.6	01.01.2015 / 00:00:00
33	54	254.4	01.01.2015 / 00:00:00
33	55	259.2	01.01.2015 / 00:00:00
33	56	264	01.01.2015 / 00:00:00
33	57	268.8	01.01.2015 / 00:00:00
33	58	273.6	01.01.2015 / 00:00:00
33	59	278.4	01.01.2015 / 00:00:00
33	60	283.2	01.01.2015 / 00:00:00
33	61	288	01.01.2015 / 00:00:00
33	62	292.8	01.01.2015 / 00:00:00
33	63	297.6	01.01.2015 / 00:00:00
33	64	302.4	01.01.2015 / 00:00:00
33	65	307.2	01.01.2015 / 00:00:00
33	66	312	01.01.2015 / 00:00:00
33	67	316.8	01.01.2015 / 00:00:00
33	68	321.6	01.01.2015 / 00:00:00
33	69	326.4	01.01.2015 / 00:00:00
33	70	331.2	01.01.2015 / 00:00:00
33	71	336	01.01.2015 / 00:00:00
33	72	340.8	01.01.2015 / 00:00:00
33	73	345.6	01.01.2015 / 00:00:00
33	74	350.4	01.01.2015 / 00:00:00
33	75	355.2	01.01.2015 / 00:00:00
34	1	0.8	01.01.2015 / 00:00:00
34	2	5.6	01.01.2015 / 00:00:00
34	3	10.4	01.01.2015 / 00:00:00
34	4	15.2	01.01.2015 / 00:00:00
34	5	20	01.01.2015 / 00:00:00
34	6	24.8	01.01.2015 / 00:00:00
34	7	29.6	01.01.2015 / 00:00:00
34	8	34.4	01.01.2015 / 00:00:00
34	9	39.2	01.01.2015 / 00:00:00
34	10	44	01.01.2015 / 00:00:00
34	11	48.8	01.01.2015 / 00:00:00
34	12	53.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
34	13	58.4	01.01.2015 / 00:00:00
34	14	63.2	01.01.2015 / 00:00:00
34	15	68	01.01.2015 / 00:00:00
34	16	72.8	01.01.2015 / 00:00:00
34	17	77.6	01.01.2015 / 00:00:00
34	18	82.4	01.01.2015 / 00:00:00
34	19	87.2	01.01.2015 / 00:00:00
34	20	92	01.01.2015 / 00:00:00
34	21	96.8	01.01.2015 / 00:00:00
34	22	101.6	01.01.2015 / 00:00:00
34	23	106.4	01.01.2015 / 00:00:00
34	24	111.2	01.01.2015 / 00:00:00
34	25	116	01.01.2015 / 00:00:00
34	26	120.8	01.01.2015 / 00:00:00
34	27	125.6	01.01.2015 / 00:00:00
34	28	130.4	01.01.2015 / 00:00:00
34	29	135.2	01.01.2015 / 00:00:00
34	30	140	01.01.2015 / 00:00:00
34	31	144.8	01.01.2015 / 00:00:00
34	32	149.6	01.01.2015 / 00:00:00
34	33	154.4	01.01.2015 / 00:00:00
34	34	159.2	01.01.2015 / 00:00:00
34	35	164	01.01.2015 / 00:00:00
34	36	168.8	01.01.2015 / 00:00:00
34	37	173.6	01.01.2015 / 00:00:00
34	38	178.4	01.01.2015 / 00:00:00
34	39	183.2	01.01.2015 / 00:00:00
34	40	188	01.01.2015 / 00:00:00
34	41	192.8	01.01.2015 / 00:00:00
34	42	197.6	01.01.2015 / 00:00:00
34	43	202.4	01.01.2015 / 00:00:00
34	44	207.2	01.01.2015 / 00:00:00
34	45	212	01.01.2015 / 00:00:00
34	46	216.8	01.01.2015 / 00:00:00
34	47	221.6	01.01.2015 / 00:00:00
34	48	226.4	01.01.2015 / 00:00:00
34	49	231.2	01.01.2015 / 00:00:00
34	50	236	01.01.2015 / 00:00:00
34	51	240.8	01.01.2015 / 00:00:00
34	52	245.6	01.01.2015 / 00:00:00
34	53	250.4	01.01.2015 / 00:00:00
34	54	255.2	01.01.2015 / 00:00:00
34	55	260	01.01.2015 / 00:00:00
34	56	264.8	01.01.2015 / 00:00:00
34	57	269.6	01.01.2015 / 00:00:00
34	58	274.4	01.01.2015 / 00:00:00
34	59	279.2	01.01.2015 / 00:00:00
34	60	284	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
34	61	288.8	01.01.2015 / 00:00:00
34	62	293.6	01.01.2015 / 00:00:00
34	63	298.4	01.01.2015 / 00:00:00
34	64	303.2	01.01.2015 / 00:00:00
34	65	308	01.01.2015 / 00:00:00
34	66	312.8	01.01.2015 / 00:00:00
34	67	317.6	01.01.2015 / 00:00:00
34	68	322.4	01.01.2015 / 00:00:00
34	69	327.2	01.01.2015 / 00:00:00
34	70	332	01.01.2015 / 00:00:00
34	71	336.8	01.01.2015 / 00:00:00
34	72	341.6	01.01.2015 / 00:00:00
34	73	346.4	01.01.2015 / 00:00:00
34	74	351.2	01.01.2015 / 00:00:00
34	75	356	01.01.2015 / 00:00:00
35	1	1.6	01.01.2015 / 00:00:00
35	2	6.4	01.01.2015 / 00:00:00
35	3	11.2	01.01.2015 / 00:00:00
35	4	16	01.01.2015 / 00:00:00
35	5	20.8	01.01.2015 / 00:00:00
35	6	25.6	01.01.2015 / 00:00:00
35	7	30.4	01.01.2015 / 00:00:00
35	8	35.2	01.01.2015 / 00:00:00
35	9	40	01.01.2015 / 00:00:00
35	10	44.8	01.01.2015 / 00:00:00
35	11	49.6	01.01.2015 / 00:00:00
35	12	54.4	01.01.2015 / 00:00:00
35	13	59.2	01.01.2015 / 00:00:00
35	14	64	01.01.2015 / 00:00:00
35	15	68.8	01.01.2015 / 00:00:00
35	16	73.6	01.01.2015 / 00:00:00
35	17	78.4	01.01.2015 / 00:00:00
35	18	83.2	01.01.2015 / 00:00:00
35	19	88	01.01.2015 / 00:00:00
35	20	92.8	01.01.2015 / 00:00:00
35	21	97.6	01.01.2015 / 00:00:00
35	22	102.4	01.01.2015 / 00:00:00
35	23	107.2	01.01.2015 / 00:00:00
35	24	112	01.01.2015 / 00:00:00
35	25	116.8	01.01.2015 / 00:00:00
35	26	121.6	01.01.2015 / 00:00:00
35	27	126.4	01.01.2015 / 00:00:00
35	28	131.2	01.01.2015 / 00:00:00
35	29	136	01.01.2015 / 00:00:00
35	30	140.8	01.01.2015 / 00:00:00
35	31	145.6	01.01.2015 / 00:00:00
35	32	150.4	01.01.2015 / 00:00:00
35	33	155.2	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
35	34	160	01.01.2015 / 00:00:00
35	35	164.8	01.01.2015 / 00:00:00
35	36	169.6	01.01.2015 / 00:00:00
35	37	174.4	01.01.2015 / 00:00:00
35	38	179.2	01.01.2015 / 00:00:00
35	39	184	01.01.2015 / 00:00:00
35	40	188.8	01.01.2015 / 00:00:00
35	41	193.6	01.01.2015 / 00:00:00
35	42	198.4	01.01.2015 / 00:00:00
35	43	203.2	01.01.2015 / 00:00:00
35	44	208	01.01.2015 / 00:00:00
35	45	212.8	01.01.2015 / 00:00:00
35	46	217.6	01.01.2015 / 00:00:00
35	47	222.4	01.01.2015 / 00:00:00
35	48	227.2	01.01.2015 / 00:00:00
35	49	232	01.01.2015 / 00:00:00
35	50	236.8	01.01.2015 / 00:00:00
35	51	241.6	01.01.2015 / 00:00:00
35	52	246.4	01.01.2015 / 00:00:00
35	53	251.2	01.01.2015 / 00:00:00
35	54	256	01.01.2015 / 00:00:00
35	55	260.8	01.01.2015 / 00:00:00
35	56	265.6	01.01.2015 / 00:00:00
35	57	270.4	01.01.2015 / 00:00:00
35	58	275.2	01.01.2015 / 00:00:00
35	59	280	01.01.2015 / 00:00:00
35	60	284.8	01.01.2015 / 00:00:00
35	61	289.6	01.01.2015 / 00:00:00
35	62	294.4	01.01.2015 / 00:00:00
35	63	299.2	01.01.2015 / 00:00:00
35	64	304	01.01.2015 / 00:00:00
35	65	308.8	01.01.2015 / 00:00:00
35	66	313.6	01.01.2015 / 00:00:00
35	67	318.4	01.01.2015 / 00:00:00
35	68	323.2	01.01.2015 / 00:00:00
35	69	328	01.01.2015 / 00:00:00
35	70	332.8	01.01.2015 / 00:00:00
35	71	337.6	01.01.2015 / 00:00:00
35	72	342.4	01.01.2015 / 00:00:00
35	73	347.2	01.01.2015 / 00:00:00
35	74	352	01.01.2015 / 00:00:00
35	75	356.8	01.01.2015 / 00:00:00
36	1	2.4	01.01.2015 / 00:00:00
36	2	7.2	01.01.2015 / 00:00:00
36	3	12	01.01.2015 / 00:00:00
36	4	16.8	01.01.2015 / 00:00:00
36	5	21.6	01.01.2015 / 00:00:00
36	6	26.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
36	7	31.2	01.01.2015 / 00:00:00
36	8	36	01.01.2015 / 00:00:00
36	9	40.8	01.01.2015 / 00:00:00
36	10	45.6	01.01.2015 / 00:00:00
36	11	50.4	01.01.2015 / 00:00:00
36	12	55.2	01.01.2015 / 00:00:00
36	13	60	01.01.2015 / 00:00:00
36	14	64.8	01.01.2015 / 00:00:00
36	15	69.6	01.01.2015 / 00:00:00
36	16	74.4	01.01.2015 / 00:00:00
36	17	79.2	01.01.2015 / 00:00:00
36	18	84	01.01.2015 / 00:00:00
36	19	88.8	01.01.2015 / 00:00:00
36	20	93.6	01.01.2015 / 00:00:00
36	21	98.4	01.01.2015 / 00:00:00
36	22	103.2	01.01.2015 / 00:00:00
36	23	108	01.01.2015 / 00:00:00
36	24	112.8	01.01.2015 / 00:00:00
36	25	117.6	01.01.2015 / 00:00:00
36	26	122.4	01.01.2015 / 00:00:00
36	27	127.2	01.01.2015 / 00:00:00
36	28	132	01.01.2015 / 00:00:00
36	29	136.8	01.01.2015 / 00:00:00
36	30	141.6	01.01.2015 / 00:00:00
36	31	146.4	01.01.2015 / 00:00:00
36	32	151.2	01.01.2015 / 00:00:00
36	33	156	01.01.2015 / 00:00:00
36	34	160.8	01.01.2015 / 00:00:00
36	35	165.6	01.01.2015 / 00:00:00
36	36	170.4	01.01.2015 / 00:00:00
36	37	175.2	01.01.2015 / 00:00:00
36	38	180	01.01.2015 / 00:00:00
36	39	184.8	01.01.2015 / 00:00:00
36	40	189.6	01.01.2015 / 00:00:00
36	41	194.4	01.01.2015 / 00:00:00
36	42	199.2	01.01.2015 / 00:00:00
36	43	204	01.01.2015 / 00:00:00
36	44	208.8	01.01.2015 / 00:00:00
36	45	213.6	01.01.2015 / 00:00:00
36	46	218.4	01.01.2015 / 00:00:00
36	47	223.2	01.01.2015 / 00:00:00
36	48	228	01.01.2015 / 00:00:00
36	49	232.8	01.01.2015 / 00:00:00
36	50	237.6	01.01.2015 / 00:00:00
36	51	242.4	01.01.2015 / 00:00:00
36	52	247.2	01.01.2015 / 00:00:00
36	53	252	01.01.2015 / 00:00:00
36	54	256.8	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
36	55	261.6	01.01.2015 / 00:00:00
36	56	266.4	01.01.2015 / 00:00:00
36	57	271.2	01.01.2015 / 00:00:00
36	58	276	01.01.2015 / 00:00:00
36	59	280.8	01.01.2015 / 00:00:00
36	60	285.6	01.01.2015 / 00:00:00
36	61	290.4	01.01.2015 / 00:00:00
36	62	295.2	01.01.2015 / 00:00:00
36	63	300	01.01.2015 / 00:00:00
36	64	304.8	01.01.2015 / 00:00:00
36	65	309.6	01.01.2015 / 00:00:00
36	66	314.4	01.01.2015 / 00:00:00
36	67	319.2	01.01.2015 / 00:00:00
36	68	324	01.01.2015 / 00:00:00
36	69	328.8	01.01.2015 / 00:00:00
36	70	333.6	01.01.2015 / 00:00:00
36	71	338.4	01.01.2015 / 00:00:00
36	72	343.2	01.01.2015 / 00:00:00
36	73	348	01.01.2015 / 00:00:00
36	74	352.8	01.01.2015 / 00:00:00
36	75	357.6	01.01.2015 / 00:00:00
37	1	3.2	01.01.2015 / 00:00:00
37	2	8	01.01.2015 / 00:00:00
37	3	12.8	01.01.2015 / 00:00:00
37	4	17.6	01.01.2015 / 00:00:00
37	5	22.4	01.01.2015 / 00:00:00
37	6	27.2	01.01.2015 / 00:00:00
37	7	32	01.01.2015 / 00:00:00
37	8	36.8	01.01.2015 / 00:00:00
37	9	41.6	01.01.2015 / 00:00:00
37	10	46.4	01.01.2015 / 00:00:00
37	11	51.2	01.01.2015 / 00:00:00
37	12	56	01.01.2015 / 00:00:00
37	13	60.8	01.01.2015 / 00:00:00
37	14	65.6	01.01.2015 / 00:00:00
37	15	70.4	01.01.2015 / 00:00:00
37	16	75.2	01.01.2015 / 00:00:00
37	17	80	01.01.2015 / 00:00:00
37	18	84.8	01.01.2015 / 00:00:00
37	19	89.6	01.01.2015 / 00:00:00
37	20	94.4	01.01.2015 / 00:00:00
37	21	99.2	01.01.2015 / 00:00:00
37	22	104	01.01.2015 / 00:00:00
37	23	108.8	01.01.2015 / 00:00:00
37	24	113.6	01.01.2015 / 00:00:00
37	25	118.4	01.01.2015 / 00:00:00
37	26	123.2	01.01.2015 / 00:00:00
37	27	128	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
37	28	132.8	01.01.2015 / 00:00:00
37	29	137.6	01.01.2015 / 00:00:00
37	30	142.4	01.01.2015 / 00:00:00
37	31	147.2	01.01.2015 / 00:00:00
37	32	152	01.01.2015 / 00:00:00
37	33	156.8	01.01.2015 / 00:00:00
37	34	161.6	01.01.2015 / 00:00:00
37	35	166.4	01.01.2015 / 00:00:00
37	36	171.2	01.01.2015 / 00:00:00
37	37	176	01.01.2015 / 00:00:00
37	38	180.8	01.01.2015 / 00:00:00
37	39	185.6	01.01.2015 / 00:00:00
37	40	190.4	01.01.2015 / 00:00:00
37	41	195.2	01.01.2015 / 00:00:00
37	42	200	01.01.2015 / 00:00:00
37	43	204.8	01.01.2015 / 00:00:00
37	44	209.6	01.01.2015 / 00:00:00
37	45	214.4	01.01.2015 / 00:00:00
37	46	219.2	01.01.2015 / 00:00:00
37	47	224	01.01.2015 / 00:00:00
37	48	228.8	01.01.2015 / 00:00:00
37	49	233.6	01.01.2015 / 00:00:00
37	50	238.4	01.01.2015 / 00:00:00
37	51	243.2	01.01.2015 / 00:00:00
37	52	248	01.01.2015 / 00:00:00
37	53	252.8	01.01.2015 / 00:00:00
37	54	257.6	01.01.2015 / 00:00:00
37	55	262.4	01.01.2015 / 00:00:00
37	56	267.2	01.01.2015 / 00:00:00
37	57	272	01.01.2015 / 00:00:00
37	58	276.8	01.01.2015 / 00:00:00
37	59	281.6	01.01.2015 / 00:00:00
37	60	286.4	01.01.2015 / 00:00:00
37	61	291.2	01.01.2015 / 00:00:00
37	62	296	01.01.2015 / 00:00:00
37	63	300.8	01.01.2015 / 00:00:00
37	64	305.6	01.01.2015 / 00:00:00
37	65	310.4	01.01.2015 / 00:00:00
37	66	315.2	01.01.2015 / 00:00:00
37	67	320	01.01.2015 / 00:00:00
37	68	324.8	01.01.2015 / 00:00:00
37	69	329.6	01.01.2015 / 00:00:00
37	70	334.4	01.01.2015 / 00:00:00
37	71	339.2	01.01.2015 / 00:00:00
37	72	344	01.01.2015 / 00:00:00
37	73	348.8	01.01.2015 / 00:00:00
37	74	353.6	01.01.2015 / 00:00:00
37	75	358.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
38	1	4	01.01.2015 / 00:00:00
38	2	8.8	01.01.2015 / 00:00:00
38	3	13.6	01.01.2015 / 00:00:00
38	4	18.4	01.01.2015 / 00:00:00
38	5	23.2	01.01.2015 / 00:00:00
38	6	28	01.01.2015 / 00:00:00
38	7	32.8	01.01.2015 / 00:00:00
38	8	37.6	01.01.2015 / 00:00:00
38	9	42.4	01.01.2015 / 00:00:00
38	10	47.2	01.01.2015 / 00:00:00
38	11	52	01.01.2015 / 00:00:00
38	12	56.8	01.01.2015 / 00:00:00
38	13	61.6	01.01.2015 / 00:00:00
38	14	66.4	01.01.2015 / 00:00:00
38	15	71.2	01.01.2015 / 00:00:00
38	16	76	01.01.2015 / 00:00:00
38	17	80.8	01.01.2015 / 00:00:00
38	18	85.6	01.01.2015 / 00:00:00
38	19	90.4	01.01.2015 / 00:00:00
38	20	95.2	01.01.2015 / 00:00:00
38	21	100	01.01.2015 / 00:00:00
38	22	104.8	01.01.2015 / 00:00:00
38	23	109.6	01.01.2015 / 00:00:00
38	24	114.4	01.01.2015 / 00:00:00
38	25	119.2	01.01.2015 / 00:00:00
38	26	124	01.01.2015 / 00:00:00
38	27	128.8	01.01.2015 / 00:00:00
38	28	133.6	01.01.2015 / 00:00:00
38	29	138.4	01.01.2015 / 00:00:00
38	30	143.2	01.01.2015 / 00:00:00
38	31	148	01.01.2015 / 00:00:00
38	32	152.8	01.01.2015 / 00:00:00
38	33	157.6	01.01.2015 / 00:00:00
38	34	162.4	01.01.2015 / 00:00:00
38	35	167.2	01.01.2015 / 00:00:00
38	36	172	01.01.2015 / 00:00:00
38	37	176.8	01.01.2015 / 00:00:00
38	38	181.6	01.01.2015 / 00:00:00
38	39	186.4	01.01.2015 / 00:00:00
38	40	191.2	01.01.2015 / 00:00:00
38	41	196	01.01.2015 / 00:00:00
38	42	200.8	01.01.2015 / 00:00:00
38	43	205.6	01.01.2015 / 00:00:00
38	44	210.4	01.01.2015 / 00:00:00
38	45	215.2	01.01.2015 / 00:00:00
38	46	220	01.01.2015 / 00:00:00
38	47	224.8	01.01.2015 / 00:00:00
38	48	229.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
38	49	234.4	01.01.2015 / 00:00:00
38	50	239.2	01.01.2015 / 00:00:00
38	51	244	01.01.2015 / 00:00:00
38	52	248.8	01.01.2015 / 00:00:00
38	53	253.6	01.01.2015 / 00:00:00
38	54	258.4	01.01.2015 / 00:00:00
38	55	263.2	01.01.2015 / 00:00:00
38	56	268	01.01.2015 / 00:00:00
38	57	272.8	01.01.2015 / 00:00:00
38	58	277.6	01.01.2015 / 00:00:00
38	59	282.4	01.01.2015 / 00:00:00
38	60	287.2	01.01.2015 / 00:00:00
38	61	292	01.01.2015 / 00:00:00
38	62	296.8	01.01.2015 / 00:00:00
38	63	301.6	01.01.2015 / 00:00:00
38	64	306.4	01.01.2015 / 00:00:00
38	65	311.2	01.01.2015 / 00:00:00
38	66	316	01.01.2015 / 00:00:00
38	67	320.8	01.01.2015 / 00:00:00
38	68	325.6	01.01.2015 / 00:00:00
38	69	330.4	01.01.2015 / 00:00:00
38	70	335.2	01.01.2015 / 00:00:00
38	71	340	01.01.2015 / 00:00:00
38	72	344.8	01.01.2015 / 00:00:00
38	73	349.6	01.01.2015 / 00:00:00
38	74	354.4	01.01.2015 / 00:00:00
38	75	359.2	01.01.2015 / 00:00:00
39	1	0	01.01.2015 / 00:00:00
39	2	4.8	01.01.2015 / 00:00:00
39	3	9.6	01.01.2015 / 00:00:00
39	4	14.4	01.01.2015 / 00:00:00
39	5	19.2	01.01.2015 / 00:00:00
39	6	24	01.01.2015 / 00:00:00
39	7	28.8	01.01.2015 / 00:00:00
39	8	33.6	01.01.2015 / 00:00:00
39	9	38.4	01.01.2015 / 00:00:00
39	10	43.2	01.01.2015 / 00:00:00
39	11	48	01.01.2015 / 00:00:00
39	12	52.8	01.01.2015 / 00:00:00
39	13	57.6	01.01.2015 / 00:00:00
39	14	62.4	01.01.2015 / 00:00:00
39	15	67.2	01.01.2015 / 00:00:00
39	16	72	01.01.2015 / 00:00:00
39	17	76.8	01.01.2015 / 00:00:00
39	18	81.6	01.01.2015 / 00:00:00
39	19	86.4	01.01.2015 / 00:00:00
39	20	91.2	01.01.2015 / 00:00:00
39	21	96	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
39	22	100.8	01.01.2015 / 00:00:00
39	23	105.6	01.01.2015 / 00:00:00
39	24	110.4	01.01.2015 / 00:00:00
39	25	115.2	01.01.2015 / 00:00:00
39	26	120	01.01.2015 / 00:00:00
39	27	124.8	01.01.2015 / 00:00:00
39	28	129.6	01.01.2015 / 00:00:00
39	29	134.4	01.01.2015 / 00:00:00
39	30	139.2	01.01.2015 / 00:00:00
39	31	144	01.01.2015 / 00:00:00
39	32	148.8	01.01.2015 / 00:00:00
39	33	153.6	01.01.2015 / 00:00:00
39	34	158.4	01.01.2015 / 00:00:00
39	35	163.2	01.01.2015 / 00:00:00
39	36	168	01.01.2015 / 00:00:00
39	37	172.8	01.01.2015 / 00:00:00
39	38	177.6	01.01.2015 / 00:00:00
39	39	182.4	01.01.2015 / 00:00:00
39	40	187.2	01.01.2015 / 00:00:00
39	41	192	01.01.2015 / 00:00:00
39	42	196.8	01.01.2015 / 00:00:00
39	43	201.6	01.01.2015 / 00:00:00
39	44	206.4	01.01.2015 / 00:00:00
39	45	211.2	01.01.2015 / 00:00:00
39	46	216	01.01.2015 / 00:00:00
39	47	220.8	01.01.2015 / 00:00:00
39	48	225.6	01.01.2015 / 00:00:00
39	49	230.4	01.01.2015 / 00:00:00
39	50	235.2	01.01.2015 / 00:00:00
39	51	240	01.01.2015 / 00:00:00
39	52	244.8	01.01.2015 / 00:00:00
39	53	249.6	01.01.2015 / 00:00:00
39	54	254.4	01.01.2015 / 00:00:00
39	55	259.2	01.01.2015 / 00:00:00
39	56	264	01.01.2015 / 00:00:00
39	57	268.8	01.01.2015 / 00:00:00
39	58	273.6	01.01.2015 / 00:00:00
39	59	278.4	01.01.2015 / 00:00:00
39	60	283.2	01.01.2015 / 00:00:00
39	61	288	01.01.2015 / 00:00:00
39	62	292.8	01.01.2015 / 00:00:00
39	63	297.6	01.01.2015 / 00:00:00
39	64	302.4	01.01.2015 / 00:00:00
39	65	307.2	01.01.2015 / 00:00:00
39	66	312	01.01.2015 / 00:00:00
39	67	316.8	01.01.2015 / 00:00:00
39	68	321.6	01.01.2015 / 00:00:00
39	69	326.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
39	70	331.2	01.01.2015 / 00:00:00
39	71	336	01.01.2015 / 00:00:00
39	72	340.8	01.01.2015 / 00:00:00
39	73	345.6	01.01.2015 / 00:00:00
39	74	350.4	01.01.2015 / 00:00:00
39	75	355.2	01.01.2015 / 00:00:00
40	1	0.8	01.01.2015 / 00:00:00
40	2	5.6	01.01.2015 / 00:00:00
40	3	10.4	01.01.2015 / 00:00:00
40	4	15.2	01.01.2015 / 00:00:00
40	5	20	01.01.2015 / 00:00:00
40	6	24.8	01.01.2015 / 00:00:00
40	7	29.6	01.01.2015 / 00:00:00
40	8	34.4	01.01.2015 / 00:00:00
40	9	39.2	01.01.2015 / 00:00:00
40	10	44	01.01.2015 / 00:00:00
40	11	48.8	01.01.2015 / 00:00:00
40	12	53.6	01.01.2015 / 00:00:00
40	13	58.4	01.01.2015 / 00:00:00
40	14	63.2	01.01.2015 / 00:00:00
40	15	68	01.01.2015 / 00:00:00
40	16	72.8	01.01.2015 / 00:00:00
40	17	77.6	01.01.2015 / 00:00:00
40	18	82.4	01.01.2015 / 00:00:00
40	19	87.2	01.01.2015 / 00:00:00
40	20	92	01.01.2015 / 00:00:00
40	21	96.8	01.01.2015 / 00:00:00
40	22	101.6	01.01.2015 / 00:00:00
40	23	106.4	01.01.2015 / 00:00:00
40	24	111.2	01.01.2015 / 00:00:00
40	25	116	01.01.2015 / 00:00:00
40	26	120.8	01.01.2015 / 00:00:00
40	27	125.6	01.01.2015 / 00:00:00
40	28	130.4	01.01.2015 / 00:00:00
40	29	135.2	01.01.2015 / 00:00:00
40	30	140	01.01.2015 / 00:00:00
40	31	144.8	01.01.2015 / 00:00:00
40	32	149.6	01.01.2015 / 00:00:00
40	33	154.4	01.01.2015 / 00:00:00
40	34	159.2	01.01.2015 / 00:00:00
40	35	164	01.01.2015 / 00:00:00
40	36	168.8	01.01.2015 / 00:00:00
40	37	173.6	01.01.2015 / 00:00:00
40	38	178.4	01.01.2015 / 00:00:00
40	39	183.2	01.01.2015 / 00:00:00
40	40	188	01.01.2015 / 00:00:00
40	41	192.8	01.01.2015 / 00:00:00
40	42	197.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
40	43	202.4	01.01.2015 / 00:00:00
40	44	207.2	01.01.2015 / 00:00:00
40	45	212	01.01.2015 / 00:00:00
40	46	216.8	01.01.2015 / 00:00:00
40	47	221.6	01.01.2015 / 00:00:00
40	48	226.4	01.01.2015 / 00:00:00
40	49	231.2	01.01.2015 / 00:00:00
40	50	236	01.01.2015 / 00:00:00
40	51	240.8	01.01.2015 / 00:00:00
40	52	245.6	01.01.2015 / 00:00:00
40	53	250.4	01.01.2015 / 00:00:00
40	54	255.2	01.01.2015 / 00:00:00
40	55	260	01.01.2015 / 00:00:00
40	56	264.8	01.01.2015 / 00:00:00
40	57	269.6	01.01.2015 / 00:00:00
40	58	274.4	01.01.2015 / 00:00:00
40	59	279.2	01.01.2015 / 00:00:00
40	60	284	01.01.2015 / 00:00:00
40	61	288.8	01.01.2015 / 00:00:00
40	62	293.6	01.01.2015 / 00:00:00
40	63	298.4	01.01.2015 / 00:00:00
40	64	303.2	01.01.2015 / 00:00:00
40	65	308	01.01.2015 / 00:00:00
40	66	312.8	01.01.2015 / 00:00:00
40	67	317.6	01.01.2015 / 00:00:00
40	68	322.4	01.01.2015 / 00:00:00
40	69	327.2	01.01.2015 / 00:00:00
40	70	332	01.01.2015 / 00:00:00
40	71	336.8	01.01.2015 / 00:00:00
40	72	341.6	01.01.2015 / 00:00:00
40	73	346.4	01.01.2015 / 00:00:00
40	74	351.2	01.01.2015 / 00:00:00
40	75	356	01.01.2015 / 00:00:00
41	1	1.6	01.01.2015 / 00:00:00
41	2	6.4	01.01.2015 / 00:00:00
41	3	11.2	01.01.2015 / 00:00:00
41	4	16	01.01.2015 / 00:00:00
41	5	20.8	01.01.2015 / 00:00:00
41	6	25.6	01.01.2015 / 00:00:00
41	7	30.4	01.01.2015 / 00:00:00
41	8	35.2	01.01.2015 / 00:00:00
41	9	40	01.01.2015 / 00:00:00
41	10	44.8	01.01.2015 / 00:00:00
41	11	49.6	01.01.2015 / 00:00:00
41	12	54.4	01.01.2015 / 00:00:00
41	13	59.2	01.01.2015 / 00:00:00
41	14	64	01.01.2015 / 00:00:00
41	15	68.8	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
41	16	73.6	01.01.2015 / 00:00:00
41	17	78.4	01.01.2015 / 00:00:00
41	18	83.2	01.01.2015 / 00:00:00
41	19	88	01.01.2015 / 00:00:00
41	20	92.8	01.01.2015 / 00:00:00
41	21	97.6	01.01.2015 / 00:00:00
41	22	102.4	01.01.2015 / 00:00:00
41	23	107.2	01.01.2015 / 00:00:00
41	24	112	01.01.2015 / 00:00:00
41	25	116.8	01.01.2015 / 00:00:00
41	26	121.6	01.01.2015 / 00:00:00
41	27	126.4	01.01.2015 / 00:00:00
41	28	131.2	01.01.2015 / 00:00:00
41	29	136	01.01.2015 / 00:00:00
41	30	140.8	01.01.2015 / 00:00:00
41	31	145.6	01.01.2015 / 00:00:00
41	32	150.4	01.01.2015 / 00:00:00
41	33	155.2	01.01.2015 / 00:00:00
41	34	160	01.01.2015 / 00:00:00
41	35	164.8	01.01.2015 / 00:00:00
41	36	169.6	01.01.2015 / 00:00:00
41	37	174.4	01.01.2015 / 00:00:00
41	38	179.2	01.01.2015 / 00:00:00
41	39	184	01.01.2015 / 00:00:00
41	40	188.8	01.01.2015 / 00:00:00
41	41	193.6	01.01.2015 / 00:00:00
41	42	198.4	01.01.2015 / 00:00:00
41	43	203.2	01.01.2015 / 00:00:00
41	44	208	01.01.2015 / 00:00:00
41	45	212.8	01.01.2015 / 00:00:00
41	46	217.6	01.01.2015 / 00:00:00
41	47	222.4	01.01.2015 / 00:00:00
41	48	227.2	01.01.2015 / 00:00:00
41	49	232	01.01.2015 / 00:00:00
41	50	236.8	01.01.2015 / 00:00:00
41	51	241.6	01.01.2015 / 00:00:00
41	52	246.4	01.01.2015 / 00:00:00
41	53	251.2	01.01.2015 / 00:00:00
41	54	256	01.01.2015 / 00:00:00
41	55	260.8	01.01.2015 / 00:00:00
41	56	265.6	01.01.2015 / 00:00:00
41	57	270.4	01.01.2015 / 00:00:00
41	58	275.2	01.01.2015 / 00:00:00
41	59	280	01.01.2015 / 00:00:00
41	60	284.8	01.01.2015 / 00:00:00
41	61	289.6	01.01.2015 / 00:00:00
41	62	294.4	01.01.2015 / 00:00:00
41	63	299.2	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6l Date/Time
41	64	304	01.01.2015 / 00:00:00
41	65	308.8	01.01.2015 / 00:00:00
41	66	313.6	01.01.2015 / 00:00:00
41	67	318.4	01.01.2015 / 00:00:00
41	68	323.2	01.01.2015 / 00:00:00
41	69	328	01.01.2015 / 00:00:00
41	70	332.8	01.01.2015 / 00:00:00
41	71	337.6	01.01.2015 / 00:00:00
41	72	342.4	01.01.2015 / 00:00:00
41	73	347.2	01.01.2015 / 00:00:00
41	74	352	01.01.2015 / 00:00:00
41	75	356.8	01.01.2015 / 00:00:00
42	1	2.4	01.01.2015 / 00:00:00
42	2	7.2	01.01.2015 / 00:00:00
42	3	12	01.01.2015 / 00:00:00
42	4	16.8	01.01.2015 / 00:00:00
42	5	21.6	01.01.2015 / 00:00:00
42	6	26.4	01.01.2015 / 00:00:00
42	7	31.2	01.01.2015 / 00:00:00
42	8	36	01.01.2015 / 00:00:00
42	9	40.8	01.01.2015 / 00:00:00
42	10	45.6	01.01.2015 / 00:00:00
42	11	50.4	01.01.2015 / 00:00:00
42	12	55.2	01.01.2015 / 00:00:00
42	13	60	01.01.2015 / 00:00:00
42	14	64.8	01.01.2015 / 00:00:00
42	15	69.6	01.01.2015 / 00:00:00
42	16	74.4	01.01.2015 / 00:00:00
42	17	79.2	01.01.2015 / 00:00:00
42	18	84	01.01.2015 / 00:00:00
42	19	88.8	01.01.2015 / 00:00:00
42	20	93.6	01.01.2015 / 00:00:00
42	21	98.4	01.01.2015 / 00:00:00
42	22	103.2	01.01.2015 / 00:00:00
42	23	108	01.01.2015 / 00:00:00
42	24	112.8	01.01.2015 / 00:00:00
42	25	117.6	01.01.2015 / 00:00:00
42	26	122.4	01.01.2015 / 00:00:00
42	27	127.2	01.01.2015 / 00:00:00
42	28	132	01.01.2015 / 00:00:00
42	29	136.8	01.01.2015 / 00:00:00
42	30	141.6	01.01.2015 / 00:00:00
42	31	146.4	01.01.2015 / 00:00:00
42	32	151.2	01.01.2015 / 00:00:00
42	33	156	01.01.2015 / 00:00:00
42	34	160.8	01.01.2015 / 00:00:00
42	35	165.6	01.01.2015 / 00:00:00
42	36	170.4	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
42	37	175.2	01.01.2015 / 00:00:00
42	38	180	01.01.2015 / 00:00:00
42	39	184.8	01.01.2015 / 00:00:00
42	40	189.6	01.01.2015 / 00:00:00
42	41	194.4	01.01.2015 / 00:00:00
42	42	199.2	01.01.2015 / 00:00:00
42	43	204	01.01.2015 / 00:00:00
42	44	208.8	01.01.2015 / 00:00:00
42	45	213.6	01.01.2015 / 00:00:00
42	46	218.4	01.01.2015 / 00:00:00
42	47	223.2	01.01.2015 / 00:00:00
42	48	228	01.01.2015 / 00:00:00
42	49	232.8	01.01.2015 / 00:00:00
42	50	237.6	01.01.2015 / 00:00:00
42	51	242.4	01.01.2015 / 00:00:00
42	52	247.2	01.01.2015 / 00:00:00
42	53	252	01.01.2015 / 00:00:00
42	54	256.8	01.01.2015 / 00:00:00
42	55	261.6	01.01.2015 / 00:00:00
42	56	266.4	01.01.2015 / 00:00:00
42	57	271.2	01.01.2015 / 00:00:00
42	58	276	01.01.2015 / 00:00:00
42	59	280.8	01.01.2015 / 00:00:00
42	60	285.6	01.01.2015 / 00:00:00
42	61	290.4	01.01.2015 / 00:00:00
42	62	295.2	01.01.2015 / 00:00:00
42	63	300	01.01.2015 / 00:00:00
42	64	304.8	01.01.2015 / 00:00:00
42	65	309.6	01.01.2015 / 00:00:00
42	66	314.4	01.01.2015 / 00:00:00
42	67	319.2	01.01.2015 / 00:00:00
42	68	324	01.01.2015 / 00:00:00
42	69	328.8	01.01.2015 / 00:00:00
42	70	333.6	01.01.2015 / 00:00:00
42	71	338.4	01.01.2015 / 00:00:00
42	72	343.2	01.01.2015 / 00:00:00
42	73	348	01.01.2015 / 00:00:00
42	74	352.8	01.01.2015 / 00:00:00
42	75	357.6	01.01.2015 / 00:00:00
43	1	3.2	01.01.2015 / 00:00:00
43	2	8	01.01.2015 / 00:00:00
43	3	12.8	01.01.2015 / 00:00:00
43	4	17.6	01.01.2015 / 00:00:00
43	5	22.4	01.01.2015 / 00:00:00
43	6	27.2	01.01.2015 / 00:00:00
43	7	32	01.01.2015 / 00:00:00
43	8	36.8	01.01.2015 / 00:00:00
43	9	41.6	01.01.2015 / 00:00:00

E_TSUM Requested by:	ROGER LE	Date:	13.06.2016 8:25:35 AM	DB:	STEAM-1.MDB	Plan Id.:		Notice type:	NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm.	NOR	A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.		UA263	R	

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6f Date/Time
43	10	46.4	01.01.2015 / 00:00:00
43	11	51.2	01.01.2015 / 00:00:00
43	12	56	01.01.2015 / 00:00:00
43	13	60.8	01.01.2015 / 00:00:00
43	14	65.6	01.01.2015 / 00:00:00
43	15	70.4	01.01.2015 / 00:00:00
43	16	75.2	01.01.2015 / 00:00:00
43	17	80	01.01.2015 / 00:00:00
43	18	84.8	01.01.2015 / 00:00:00
43	19	89.6	01.01.2015 / 00:00:00
43	20	94.4	01.01.2015 / 00:00:00
43	21	99.2	01.01.2015 / 00:00:00
43	22	104	01.01.2015 / 00:00:00
43	23	108.8	01.01.2015 / 00:00:00
43	24	113.6	01.01.2015 / 00:00:00
43	25	118.4	01.01.2015 / 00:00:00
43	26	123.2	01.01.2015 / 00:00:00
43	27	128	01.01.2015 / 00:00:00
43	28	132.8	01.01.2015 / 00:00:00
43	29	137.6	01.01.2015 / 00:00:00
43	30	142.4	01.01.2015 / 00:00:00
43	31	147.2	01.01.2015 / 00:00:00
43	32	152	01.01.2015 / 00:00:00
43	33	156.8	01.01.2015 / 00:00:00
43	34	161.6	01.01.2015 / 00:00:00
43	35	166.4	01.01.2015 / 00:00:00
43	36	171.2	01.01.2015 / 00:00:00
43	37	176	01.01.2015 / 00:00:00
43	38	180.8	01.01.2015 / 00:00:00
43	39	185.6	01.01.2015 / 00:00:00
43	40	190.4	01.01.2015 / 00:00:00
43	41	195.2	01.01.2015 / 00:00:00
43	42	200	01.01.2015 / 00:00:00
43	43	204.8	01.01.2015 / 00:00:00
43	44	209.6	01.01.2015 / 00:00:00
43	45	214.4	01.01.2015 / 00:00:00
43	46	219.2	01.01.2015 / 00:00:00
43	47	224	01.01.2015 / 00:00:00
43	48	228.8	01.01.2015 / 00:00:00
43	49	233.6	01.01.2015 / 00:00:00
43	50	238.4	01.01.2015 / 00:00:00
43	51	243.2	01.01.2015 / 00:00:00
43	52	248	01.01.2015 / 00:00:00
43	53	252.8	01.01.2015 / 00:00:00
43	54	257.6	01.01.2015 / 00:00:00
43	55	262.4	01.01.2015 / 00:00:00
43	56	267.2	01.01.2015 / 00:00:00
43	57	272	01.01.2015 / 00:00:00

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA263 R

Orbital plane no.	Satellite no.	A4b5b Initial phase angle	A4b6h/A4b6i Date/Time
43	58	276.8	01.01.2015 / 00:00:00
43	59	281.6	01.01.2015 / 00:00:00
43	60	286.4	01.01.2015 / 00:00:00
43	61	291.2	01.01.2015 / 00:00:00
43	62	296	01.01.2015 / 00:00:00
43	63	300.8	01.01.2015 / 00:00:00
43	64	305.6	01.01.2015 / 00:00:00
43	65	310.4	01.01.2015 / 00:00:00
43	66	315.2	01.01.2015 / 00:00:00
43	67	320	01.01.2015 / 00:00:00
43	68	324.8	01.01.2015 / 00:00:00
43	69	329.6	01.01.2015 / 00:00:00
43	70	334.4	01.01.2015 / 00:00:00
43	71	339.2	01.01.2015 / 00:00:00
43	72	344	01.01.2015 / 00:00:00
43	73	348.8	01.01.2015 / 00:00:00
43	74	353.6	01.01.2015 / 00:00:00
43	75	358.4	01.01.2015 / 00:00:00

A17a Compliance with PFD limit dB(W/(m².1MHz)) in the band 1164 - 1215 MHz

A17b2 Calculated aggregate PFD value in the band 5030.0 - 5150.0 MHz dB(W/(m².150 kHz))

A17b3 EPFD in the band 4990.0 - 5000.0 MHz dB(W/(m².10 MHz))

A17c Aggregate PFD in the band 15.35 - 15.4 GHz dB(W/(m².50 MHz))

A17d Mean PFD in the band 35.5 - 36.0 GHz dB(W/(m².1 MHz))

A17e1a Calculated EPFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m².1 GHz))

A17e1b Calculated EPFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m².500 kHz))

A17e1c Calculated EPFD value in the band 42.5 - 43.5 GHz at RA VLBI dB(W/(m².500 kHz))

A15a EPFD compliance Y

A18a Aircraft earth station commitment

<input type="checkbox"/>	B1a/BR17 Beam designation UA263	<input type="checkbox"/>	B1b Steerable <input checked="" type="checkbox"/> Y	<input type="checkbox"/> B2 Emi-Rcp <input checked="" type="checkbox"/> R	<input type="checkbox"/> B3a1 Max. co-polar gain 26.3
--------------------------	---------------------------------	--------------------------	---	---	---

B2bis.a Transmit only when visible from notified service area

B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern REC-1528	Coef. A	Coef. B	<input type="checkbox"/>	<input type="checkbox"/>	Co-polar rad. diag.

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta 5

<input type="checkbox"/>	BR7a/BR7b Group id. 97	BR1 Date of receipt 27.12.2014	<input type="checkbox"/> C2c RR No. 4.4
--------------------------	------------------------	--------------------------------	---

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO												
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/												
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	UA263 R												
C4a Class of station EC ED EK			C3a Assigned freq. band 250000		C5a Noise temperature 424	B4b5 Peak of pfd												
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle													
C11a1 Service area no.			C11a2 Service area XAX		C11a3 Service area diagram													
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region													
A5/A6 Coordinations/Agreements 9.12 Q F G LIE																		
C2a1 Assigned frequency																		
12.875 GHz	13.125 GHz																	
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.				
API/A/9509		1 232MD7W--		12.8	-70.9	12.1		-71.6		0								
		2 185MD7W--		11.8	-70.9	11.1		-71.6		0								
		3 116MD7W--		9.8	-70.9	9		-71.6		0								
		4 92M7D7W--		8.8	-70.9	8.1		-71.6		0								
		5 46M4D7W--		5.8	-70.9	5.1		-71.6		0								
		6 23M2D7W--		2.8	-70.9	2.1		-71.6		0								
		7 1M02D7W--		-10.8	-70.9	-11.5		-71.6		0								
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth			
ES-A		T				1 TK	OT	27	6.9		0.23		15.8	500000				
			2 TD	OT		3 TC	CR											
C10d5a Co-polar antenna pattern																		
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.					
ES-A		AP8																
Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision				13B2 Remarks		13B3 Date of Review								
13C Remarks																		
BR7a/BR7b Group id. 98			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4												
A2b Period of valid. 50			A3a Op. agency 084			A3b Adm. resp. A			BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49									
BR14 Special Section CR/D/2880			CR/C/3739															
C4a Class of station EC ED EK			C3a Assigned freq. band 250000			C5a Noise temperature 424			B4b5 Peak of pfd									
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle												
C11a1 Service area no.			C11a2 Service area XAX		C11a3 Service area diagram													
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region													
A5/A6 Coordinations/Agreements 9.12 Q F G LIE																		
C2a1 Assigned frequency																		
12.875 GHz	13.125 GHz																	
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.				
API/A/9509		1 232MD7W--		12.8	-70.9	9.1		-74.6		1								

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA263 R

2	185MD7W--	11.8	-70.9	8.1	-74.6	1						
3	116MD7W--	9.8	-70.9	6.1	-74.6	1						
4	92M7D7W--	8.8	-70.9	5.1	-74.6	1						
5	46M4D7W--	5.8	-70.9	2.1	-74.6	1						
6	23M2D7W--	2.8	-70.9	-0.9	-74.6	1						
7	1M02D7W--	-10.8	-70.9	-14.5	-74.6	1						

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-B	T			1 TK 2 TD 3 TC	OT	31	4.4		0.36	15.8	500000	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-B	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 99	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G LIE		

C2a1 Assigned frequency												
12.875 GHz	13.125 GHz											
A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.			
	1 232MD7W--	9.8	-73.9	7.1		-76.6		1				
	2 185MD7W--	8.8	-73.9	6.1		-76.6		1				
	3 116MD7W--	6.8	-73.9	4.1		-76.6		1				
	4 92M7D7W--	5.8	-73.9	3.1		-76.6		1				
	5 46M4D7W--	2.8	-73.9	0.1		-76.6		1				
	6 23M2D7W--	-0.2	-73.9	-2.9		-76.6		1				
	7 1M02D7W--	-13.8	-73.9	-16.5		-76.6		1				

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-C	T			1 TK 2 TD 3 TC	OT	33	3.5		0.46	12.8	500000	

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																		
<input checked="" type="checkbox"/>	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																		
	BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA263 R																		
C10d5a Co-polar antenna pattern																							
C10b1 Assoc. earth station id. ES-C	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D																		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																		
13C Remarks																							
<input type="checkbox"/> BR7a/BR7b Group id. 100 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4																							
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	BR64 Date of receipt of 1st Res49																			
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use																						
BR14 Special Section CR/D/2880	CR/C/3739																						
C4a Class of station EC ED EK	C3a Assigned freq. band 250000		C5a Noise temperature 424		B4b5 Peak of pfd																		
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle																				
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram																				
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region																				
A5/A6 Coordinations/Agreements 9.12 Q F G LIE																							
C2a1 Assigned frequency																							
12.875 GHz	13.125 GHz																						
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.					
				1 232MD7W--		9.8		-73.9		6.1		-77.6				2							
				2 185MD7W--		8.8		-73.9		5.1		-77.6				2							
				3 116MD7W--		6.8		-73.9		3.1		-77.6				2							
				4 92M7D7W--		5.8		-73.9		2.1		-77.6				2							
				5 46M4D7W--		2.8		-73.9		-0.9		-77.6				2							
				6 23M2D7W--		-0.2		-73.9		-3.9		-77.6				2							
				7 1M02D7W--		-13.8		-73.9		-17.5		-77.6				2							
C10b1 Assoc. earth station id. ES-D		C10b2 Type T		C10c1 Geographical coord.		C10c2 Ctry		C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain		C10d4 Bmwthd		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.		C8g2 Aggr. bandwidth		C8g3 Transp. bandwidth = Aggr. bandwidth			
								1 TK		OT		35		2.8				0.58					
								2 TD		OT										12.8		500000	
								3 TC		CR													
C10d5a Co-polar antenna pattern																							
C10b1 Assoc. earth station id. ES-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																		
13C Remarks																							
<input type="checkbox"/> BR7a/BR7b Group id. 101 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4																							
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	BR64 Date of receipt of 1st Res49																			
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use																						
BR14 Special Section CR/D/2880	CR/C/3739																						

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO												
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/												
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	UA263 R												
C4a Class of station EC ED EK			C3a Assigned freq. band 250000		C5a Noise temperature 424	B4b5 Peak of pfd												
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle													
C11a1 Service area no.			C11a2 Service area XAX		C11a3 Service area diagram													
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region													
A5/A6 Coordinations/Agreements 9.12 Q F G LIE																		
C2a1 Assigned frequency																		
12.875 GHz	13.125 GHz																	
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.				
API/A/9509		1 232MD7W--		14	-69.6	8.1	-75.5						8					
		2 185MD7W--		13.1	-69.6	7.2	-75.5						8					
		3 116MD7W--		11	-69.6	5.1	-75.5						8					
		4 92M7D7W--		10	-69.6	4.1	-75.5						8					
		5 46M4D7W--		7	-69.6	1.1	-75.5						8					
		6 23M2D7W--		4	-69.6	-1.9	-75.5						8					
		7 1M02D7W--		-9.5	-69.6	-15.4	-75.5						8					
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth			
ES-E		T				1 TK	OT	39	1.7			0.92	17	500000				
			2 TD	OT		3 TC	CR											
C10d5a Co-polar antenna pattern																		
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.					
ES-E		AP8																
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review													
13C Remarks																		
BR7a/BR7b Group id. 102			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4												
A2b Period of valid. 50			A3a Op. agency 084			A3b Adm. resp. A			BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49									
BR14 Special Section CR/D/2880			CR/C/3739															
C4a Class of station EC ED EK			C3a Assigned freq. band 250000			C5a Noise temperature 424			B4b5 Peak of pfd									
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle												
C11a1 Service area no.			C11a2 Service area XAX		C11a3 Service area diagram													
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region													
A5/A6 Coordinations/Agreements 9.12 Q F G LIE																		
C2a1 Assigned frequency																		
12.875 GHz	13.125 GHz																	
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.				
API/A/9509		1 232MD7W--		14	-69.6	8.1	-75.5						10					

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA263 R

2	185MD7W--	13.1	-69.6	7.2		-75.5		10	
3	116MD7W--	11	-69.6	5.1		-75.5		10	
4	92M7D7W--	10	-69.6	4.1		-75.5		10	
5	46M4D7W--	7	-69.6	1.1		-75.5		10	
6	23M2D7W--	4	-69.6	-1.9		-75.5		10	
7	1M02D7W--	-9.5	-69.6	-15.4		-75.5		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-F	T			1 TK 2 TD 3 TC	OT CR	41	1.4		1.15		17	500000	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-F	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

BR7a/BR7b Group id. 103	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G LIE		

C2a1 Assigned frequency												
12.875 GHz	13.125 GHz											
A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.			
	1 232MD7W--	11	-72.6	5.1		-78.5		10				
	2 185MD7W--	10	-72.6	4.1		-78.5		10				
	3 116MD7W--	8	-72.6	2.1		-78.5		10				
	4 92M7D7W--	7	-72.6	1.1		-78.5		10				
	5 46M4D7W--	4	-72.6	-1.9		-78.5		10				
	6 23M2D7W--	1	-72.6	-4.9		-78.5		10				
	7 1M02D7W--	-12.6	-72.6	-18.5		-78.5		10				

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-G	T			1 TK 2 TD 3 TC	OT CR	44	1		1.63		14	500000	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:		Notice type: NONGEO														
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/														
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	UA263 R													
C10d5a Co-polar antenna pattern																			
C10b1 Assoc. earth station id. ES-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1													
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review														
13C Remarks																			
B1a/BR17 Beam designation UA279	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 27.9																
B2bis.a Transmit only when visible from notified service area		B2bis.b Min. Elev. Angle																	
B3c1 Co-polar antenna pattern																			
Co-polar ref. pattern REC-1528	Coef. A	Coef. B				Co-polar rad. diag.													
B4a3a1 Angle alpha	B4a3a2 Angle beta																		
BR92 Attach. for missing angle alpha/beta 5																			
BR7a/BR7b Group id. 104	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49															
BR14 Special Section CR/D/2880	CR/C/3739																		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000			C5a Noise temperature 424		B4b5 Peak of pfd													
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle															
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram																
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region																
A5/A6 Coordinations/Agreements 9.12 Q F G LIE																			
C2a1 Assigned frequency																			
12.875 GHz	13.125 GHz																		
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
1 232MD7W--	2 185MD7W--	3 116MD7W--	4 92M7D7W--	5 46M4D7W--	6 23M2D7W--	7 1M02D7W--	12.8	-70.9	10.5		-73.2	0							
2 185MD7W--	3 116MD7W--	4 92M7D7W--	5 46M4D7W--	6 23M2D7W--	7 1M02D7W--	11.8	-70.9	9.5		-73.2	0								
3 116MD7W--	4 92M7D7W--	5 46M4D7W--	6 23M2D7W--	7 1M02D7W--	9.8	-70.9	7.5		-73.2	0									
4 92M7D7W--	5 46M4D7W--	6 23M2D7W--	7 1M02D7W--	8.8	-70.9	6.5		-73.2	0										
5 46M4D7W--	6 23M2D7W--	7 1M02D7W--	8 1L02D7W--	5.8	-70.9	3.5		-73.2	0										
6 23M2D7W--	7 1M02D7W--	8 1L02D7W--	9 1L02D7W--	2.8	-70.9	0.5		-73.2	0										
7 1M02D7W--	8 1L02D7W--	9 1L02D7W--	10 1L02D7W--	-10.8	-70.9	-13.1		-73.2	0										
C10b1 Assoc. earth station id. ES-A		C10b2 Type T		C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwldth 27		C10d7 Ant. diameter 0.23		C8g1 Max. aggr. pwr. 15.8	C8g2 Aggr. bandwidth 500000	C8g3 Transp. bandwidth = Aggr. bandwidth			

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA279 R

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-A	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 105	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G LIE			

C2a1 Assigned frequency											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c3 Min. pwr dens.	
API/A/9509		1 232MD7W--		12.8	-70.9	7.5	-76.2		1		
		2 185MD7W--		11.8	-70.9	6.5	-76.2		1		
		3 116MD7W--		9.8	-70.9	4.5	-76.2		1		
		4 92M7D7W--		8.8	-70.9	3.5	-76.2		1		
		5 46M4D7W--		5.8	-70.9	0.5	-76.2		1		
		6 23M2D7W--		2.8	-70.9	-2.5	-76.2		1		
		7 1M02D7W--		-10.8	-70.9	-16.1	-76.2		1		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-B	T			1 TK 2 TD 3 TC	OT OT CR	31	4.4		0.36		15.8	500000

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-B	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 106	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	UA279 R							
C4a Class of station EC ED EK			C3a Assigned freq. band 250000		C5a Noise temperature 424	B4b5 Peak of pfd							
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle								
C11a1 Service area no.			C11a2 Service area XAX		C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F G LIE													
C2a1 Assigned frequency													
12.875 GHz	13.125 GHz												
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509		1 232MD7W--		9.8	-73.9	5.5		-78.2		1			
		2 185MD7W--		8.8	-73.9	4.5		-78.2		1			
		3 116MD7W--		6.8	-73.9	2.5		-78.2		1			
		4 92M7D7W--		5.8	-73.9	1.5		-78.2		1			
		5 46M4D7W--		2.8	-73.9	-1.5		-78.2		1			
		6 23M2D7W--		-0.2	-73.9	-4.5		-78.2		1			
		7 1M02D7W--		-13.8	-73.9	-18.1		-78.2		1			
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-C		T				1 TK	OT	33	3.5		0.46		
						2 TD	OT						
						3 TC	CR						
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
ES-C		AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks			13B3 Date of Review						
13C Remarks													
BR7a/BR7b Group id. 107			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4							
A2b Period of valid. 50			A3a Op. agency 084			A3b Adm. resp. A			BR16 Value of type C8b				
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49				
BR14 Special Section CR/D/2880			CR/C/3739										
C4a Class of station EC ED EK			C3a Assigned freq. band 250000		C5a Noise temperature 424			B4b5 Peak of pfd					
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle								
C11a1 Service area no.			C11a2 Service area XAX					C11a3 Service area diagram					
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F G LIE													
C2a1 Assigned frequency													
12.875 GHz	13.125 GHz												
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509		1 232MD7W--		9.8	-73.9	4.5		-79.2		2			

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA279 R

2	185MD7W--	8.8	-73.9	3.5		-79.2		2	
3	116MD7W--	6.8	-73.9	1.5		-79.2		2	
4	92M7D7W--	5.8	-73.9	0.5		-79.2		2	
5	46M4D7W--	2.8	-73.9	-2.5		-79.2		2	
6	23M2D7W--	-0.2	-73.9	-5.5		-79.2		2	
7	1M02D7W--	-13.8	-73.9	-19.1		-79.2		2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-D	T			1 TK 2 TD 3 TC	OT CR	35	2.8		0.58	12.8	500000	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-D	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 108	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G LIE		

C2a1 Assigned frequency												
12.875 GHz	13.125 GHz											
A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.			
	1 232MD7W--	14	-69.6	8.5		-75.1		10				
	2 185MD7W--	13.1	-69.6	7.6		-75.1		10				
	3 116MD7W--	11	-69.6	5.5		-75.1		10				
	4 92M7D7W--	10	-69.6	4.5		-75.1		10				
	5 46M4D7W--	7	-69.6	1.5		-75.1		10				
	6 23M2D7W--	4	-69.6	-1.5		-75.1		10				
	7 1M02D7W--	-9.5	-69.6	-15		-75.1		10				

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-E	T			1 TK 2 TD 3 TC	OT CR	39	1.7		0.92	17	500000	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA279 R

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-E	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 109	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G LIE			

C2a1 Assigned frequency											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c3 Min. pwr dens.	
API/A/9509		1 232MD7W--		14	-69.6	8.5	-75.1		12		
		2 185MD7W--		13.1	-69.6	7.6	-75.1		12		
		3 116MD7W--		11	-69.6	5.5	-75.1		12		
		4 92M7D7W--		10	-69.6	4.5	-75.1		12		
		5 46M4D7W--		7	-69.6	1.5	-75.1		12		
		6 23M2D7W--		4	-69.6	-1.5	-75.1		12		
		7 1M02D7W--		-9.5	-69.6	-15	-75.1		12		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-F	T			1 TK 2 TD 3 TC	OT OT CR	41	1.4		1.15		17	500000

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-F	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 110	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	UA279 R						
C4a Class of station EC ED EK			C3a Assigned freq. band 250000		C5a Noise temperature 424	B4b5 Peak of pfd						
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle							
C11a1 Service area no.			C11a2 Service area XAX		C11a3 Service area diagram							
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 Q F G LIE												
C2a1 Assigned frequency												
12.875 GHz	13.125 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W-- 5 46M4D7W-- 6 23M2D7W-- 7 1M02D7W--		11 10 8 7 4 1 -12.6		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	5.5 4.5 2.5 1.5 -1.5 -4.5 -78.1			-78.1 -78.1 -78.1 -78.1 -78.1 -78.1 -78.1	12 12 12 12 12 12 12			
C10b1 Assoc. earth station id. ES-G		C10b2 Type T		C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
1 TK 2 TD 3 TC		1 44 2 OT 3 CR						1	1.63	14	500000	
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. ES-G		Co-polar ref. pattern AP8		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision	13B2 Remarks		13B3 Date of Review					
13C Remarks												
B1a/BR17 Beam designation UA299			B1b Steerable Y		B2 Emi-Rcp R	B3a1 Max. co-polar gain 29.9						
B2bis.a Transmit only when visible from notified service area												
B2bis.b Min. Elev. Angle												
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern REC-1528		Coef. A		Coef. B					Co-polar rad. diag.			
B4a3a1 Angle alpha		B4a3a2 Angle beta										
BR92 Attach. for missing angle alpha/beta 5												
BR7a/BR7b Group id. 111			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739									
C4a Class of station EC ED EK			C3a Assigned freq. band 250000		C5a Noise temperature 424				B4b5 Peak of pfd			
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle							

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB				Plan Id.:			Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.		UA299	R					
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram									
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 Q F G LIE													
C2a1 Assigned frequency													
12.875 GHz	13.125 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
1 232MD7W--	12.8	-70.9	9.5	-74.2	1								
2 185MD7W--	11.8	-70.9	8.5	-74.2	1								
3 116MD7W--	9.8	-70.9	6.5	-74.2	1								
4 92M7D7W--	8.8	-70.9	5.5	-74.2	1								
5 46M4D7W--	5.8	-70.9	2.5	-74.2	1								
6 23M2D7W--	2.8	-70.9	-0.5	-74.2	1								
7 1M02D7W--	-10.8	-70.9	-14.1	-74.2	1								
C10b1 Assoc. earth station id. ES-A		C10b2 Type T		C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
1 TK	2 OT	3 CR	27	6.9	0.23	15.8	500000						
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id. ES-A		Co-polar ref. pattern AP8		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks													
BR7a/BR7b Group id. 112		BR1 Date of receipt 27.12.2014			C2c RR No. 4.4								
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use					BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880		CR/C/3739											
C4a Class of station EC ED EK		C3a Assigned freq. band 250000			C5a Noise temperature 424		B4b5 Peak of pfd						
C4b Nature of service CR OT OT		C6a Polarization type M			C6b Polarization angle								
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram									
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 Q F G LIE													
C2a1 Assigned frequency													
12.875 GHz	13.125 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
1 232MD7W--	12.8	-70.9	8.5	-75.2	4								
2 185MD7W--	11.8	-70.9	7.5	-75.2	4								
3 116MD7W--	9.8	-70.9	5.5	-75.2	4								
4 92M7D7W--	8.8	-70.9	4.5	-75.2	4								

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																																																																							
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																																								
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	UA299 R																																																																																							
<table border="1"> <tr><td>5</td><td>46M4D7W--</td><td>5.8</td><td>-70.9</td><td>1.5</td><td>-75.2</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td>23M2D7W--</td><td>2.8</td><td>-70.9</td><td>-1.5</td><td>-75.2</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-10.8</td><td>-70.9</td><td>-15.1</td><td>-75.2</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> </table>												5	46M4D7W--	5.8	-70.9	1.5	-75.2	4						6	23M2D7W--	2.8	-70.9	-1.5	-75.2	4						7	1M02D7W--	-10.8	-70.9	-15.1	-75.2	4																																																			
5	46M4D7W--	5.8	-70.9	1.5	-75.2	4																																																																																							
6	23M2D7W--	2.8	-70.9	-1.5	-75.2	4																																																																																							
7	1M02D7W--	-10.8	-70.9	-15.1	-75.2	4																																																																																							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth																																																																																	
ES-B	T				1 TK 2 TD 3 TC	OT OT CR	31	4.4		0.36	15.8	500000																																																																																	
C10d5a Co-polar antenna pattern																																																																																													
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																																						
ES-B	AP8																																																																																												
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																																																								
13C Remarks																																																																																													
BR7a/BR7b Group id.	113	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																																																										
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																																																									
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																																																								
BR14 Special Section	CR/D/2880	CR/C/3739																																																																																											
C4a Class of station	EC	ED	EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd																																																																																							
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																																																																																								
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram																																																																																										
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region																																																																																										
A5/A6 Coordinations/Agreements 9.12 Q F G LIE																																																																																													
C2a1 Assigned frequency																																																																																													
12.875 GHz	13.125 GHz																																																																																												
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																																																		
API/A/9509		<table border="1"> <tr><td>1</td><td>232MD7W--</td><td>9.8</td><td>-73.9</td><td>5.5</td><td>-78.2</td><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td>185MD7W--</td><td>8.8</td><td>-73.9</td><td>4.5</td><td>-78.2</td><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td>116MD7W--</td><td>6.8</td><td>-73.9</td><td>2.5</td><td>-78.2</td><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td>92M7D7W--</td><td>5.8</td><td>-73.9</td><td>1.5</td><td>-78.2</td><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>46M4D7W--</td><td>2.8</td><td>-73.9</td><td>-1.5</td><td>-78.2</td><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td>23M2D7W--</td><td>-0.2</td><td>-73.9</td><td>-4.5</td><td>-78.2</td><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-13.8</td><td>-73.9</td><td>-18.1</td><td>-78.2</td><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> </table>		1	232MD7W--	9.8	-73.9	5.5	-78.2	3						2	185MD7W--	8.8	-73.9	4.5	-78.2	3						3	116MD7W--	6.8	-73.9	2.5	-78.2	3						4	92M7D7W--	5.8	-73.9	1.5	-78.2	3						5	46M4D7W--	2.8	-73.9	-1.5	-78.2	3						6	23M2D7W--	-0.2	-73.9	-4.5	-78.2	3						7	1M02D7W--	-13.8	-73.9	-18.1	-78.2	3											
1	232MD7W--	9.8	-73.9	5.5	-78.2	3																																																																																							
2	185MD7W--	8.8	-73.9	4.5	-78.2	3																																																																																							
3	116MD7W--	6.8	-73.9	2.5	-78.2	3																																																																																							
4	92M7D7W--	5.8	-73.9	1.5	-78.2	3																																																																																							
5	46M4D7W--	2.8	-73.9	-1.5	-78.2	3																																																																																							
6	23M2D7W--	-0.2	-73.9	-4.5	-78.2	3																																																																																							
7	1M02D7W--	-13.8	-73.9	-18.1	-78.2	3																																																																																							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth																																																																																	
ES-C	T				1 TK 2 TD 3 TC	OT OT CR	33	3.5		0.46	12.8	500000																																																																																	
C10d5a Co-polar antenna pattern																																																																																													
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																																						
ES-C	AP8																																																																																												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA299 R

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 114	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49		
BR14 Special Section CR/D/2880		CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle		
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region		
A5/A6 Coordinations/Agreements 9.12 Q F G LIE				

C2a1 Assigned frequency											
12.875 GHz	13.125 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1	232MD7W--	9.8	-73.9	4.5		-79.2		4	
		2	185MD7W--	8.8	-73.9	3.5		-79.2		4	
		3	116MD7W--	6.8	-73.9	1.5		-79.2		4	
		4	92M7D7W--	5.8	-73.9	0.5		-79.2		4	
		5	46M4D7W--	2.8	-73.9	-2.5		-79.2		4	
		6	23M2D7W--	-0.2	-73.9	-5.5		-79.2		4	
		7	1M02D7W--	-13.8	-73.9	-19.1		-79.2		4	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-D	T			1 TK 2 TD 3 TC	OT CR	35	2.8	0.58	12.8	500000

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-D	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 115	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880		CR/C/3739	
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB				Plan Id.:		Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	UA299	R

C11a1 Service area no. C11a2 Service area XAX C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4 C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G LIE

C2a1 Assigned frequency

12.875 GHz	13.125 GHz	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W-- 5 46M4D7W-- 6 23M2D7W-- 7 1M02D7W--	14 13.1 11 10 7 4 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	8.5 7.6 5.5 4.5 1.5 -1.5 -15		-75.1 -75.1 -75.1 -75.1 -75.1 -75.1 -75.1		12 12 12 12 12 12 12	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-E	T			1 TK OT 2 TD OT 3 TC CR	39	1.7	0.92	17	500000	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
--------------------------------	-----------------------	---------	---------	---------	---------	------	---------------------

ES-E	AP8						
------	-----	--	--	--	--	--	--

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

13C Remarks	
-------------	--

BR7a/BR7b Group id. 116	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
-------------------------	--------------------	------------------	------------------------

BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
---	--	-----------------------------------

BR14 Special Section CR/D/2880	CR/C/3739
--------------------------------	-----------

C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
-------------------------------	--------------------------------	---------------------------	------------------

C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
--------------------------------	-------------------------	------------------------	--

C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram
------------------------	------------------------	----------------------------

C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
--------------------------------	------------------------------	----------------------

A5/A6 Coordinations/Agreements 9.12	Q F G LIE
-------------------------------------	-----------

C2a1 Assigned frequency

12.875 GHz	13.125 GHz	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W--	14 13.1 11 10	-69.6 -69.6 -69.6 -69.6	8.5 7.6 5.5 4.5		-75.1 -75.1 -75.1 -75.1		14 14 14 14	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																																																																		
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																			
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	UA299	R																																																																	
<table border="1"> <tr><td>5</td><td>46M4D7W--</td><td>7</td><td>-69.6</td><td>1.5</td><td>-75.1</td><td></td><td>14</td><td></td></tr> <tr><td>6</td><td>23M2D7W--</td><td>4</td><td>-69.6</td><td>-1.5</td><td>-75.1</td><td></td><td>14</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-9.5</td><td>-69.6</td><td>-15</td><td>-75.1</td><td></td><td>14</td><td></td></tr> </table>									5	46M4D7W--	7	-69.6	1.5	-75.1		14		6	23M2D7W--	4	-69.6	-1.5	-75.1		14		7	1M02D7W--	-9.5	-69.6	-15	-75.1		14																																						
5	46M4D7W--	7	-69.6	1.5	-75.1		14																																																																	
6	23M2D7W--	4	-69.6	-1.5	-75.1		14																																																																	
7	1M02D7W--	-9.5	-69.6	-15	-75.1		14																																																																	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth																																																														
ES-F	T			1 TK 2 TD 3 TC	OT OT CR	41	1.4	1.15	17	500000																																																														
C10d5a Co-polar antenna pattern																																																																								
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																	
ES-F	AP8																																																																							
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																																			
13C Remarks																																																																								
BR7a/BR7b Group id.	117	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																																					
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																																				
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49																																																																		
BR14 Special Section	CR/D/2880	CR/C/3739																																																																						
C4a Class of station	EC	ED	EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd																																																																		
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																																																																			
C11a1 Service area no.	C11a2 Service area XAX			C11a3 Service area diagram																																																																				
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																																																				
A5/A6 Coordinations/Agreements 9.12 Q F G LIE																																																																								
C2a1 Assigned frequency																																																																								
12.875 GHz	13.125 GHz																																																																							
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																													
		<table border="1"> <tr><td>1</td><td>232MD7W--</td><td>11</td><td>-72.6</td><td>5.5</td><td>-78.1</td><td></td><td>14</td><td></td></tr> <tr><td>2</td><td>185MD7W--</td><td>10</td><td>-72.6</td><td>4.5</td><td>-78.1</td><td></td><td>14</td><td></td></tr> <tr><td>3</td><td>116MD7W--</td><td>8</td><td>-72.6</td><td>2.5</td><td>-78.1</td><td></td><td>14</td><td></td></tr> <tr><td>4</td><td>92M7D7W--</td><td>7</td><td>-72.6</td><td>1.5</td><td>-78.1</td><td></td><td>14</td><td></td></tr> <tr><td>5</td><td>46M4D7W--</td><td>4</td><td>-72.6</td><td>-1.5</td><td>-78.1</td><td></td><td>14</td><td></td></tr> <tr><td>6</td><td>23M2D7W--</td><td>1</td><td>-72.6</td><td>-4.5</td><td>-78.1</td><td></td><td>14</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-12.6</td><td>-72.6</td><td>-18.1</td><td>-78.1</td><td></td><td>14</td><td></td></tr> </table>		1	232MD7W--	11	-72.6	5.5	-78.1		14		2	185MD7W--	10	-72.6	4.5	-78.1		14		3	116MD7W--	8	-72.6	2.5	-78.1		14		4	92M7D7W--	7	-72.6	1.5	-78.1		14		5	46M4D7W--	4	-72.6	-1.5	-78.1		14		6	23M2D7W--	1	-72.6	-4.5	-78.1		14		7	1M02D7W--	-12.6	-72.6	-18.1	-78.1		14							
1	232MD7W--	11	-72.6	5.5	-78.1		14																																																																	
2	185MD7W--	10	-72.6	4.5	-78.1		14																																																																	
3	116MD7W--	8	-72.6	2.5	-78.1		14																																																																	
4	92M7D7W--	7	-72.6	1.5	-78.1		14																																																																	
5	46M4D7W--	4	-72.6	-1.5	-78.1		14																																																																	
6	23M2D7W--	1	-72.6	-4.5	-78.1		14																																																																	
7	1M02D7W--	-12.6	-72.6	-18.1	-78.1		14																																																																	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth																																																														
ES-G	T			1 TK 2 TD 3 TC	OT OT CR	44	1	1.63	14	500000																																																														
C10d5a Co-polar antenna pattern																																																																								
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																	
ES-G	AP8																																																																							

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA299 R

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

B1a/BR17 Beam designation UA324	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 32.4
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area

B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern				
Co-polar ref. pattern REC-1528	Coef. A	Coef. B		Co-polar rad. diag.

B4a3a1 Angle alpha

B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta 5

BR7a/BR7b Group id. 118	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880

CR/C/3739

C4a Class of station EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access 3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12		Q	F G LIE
-------------------------------------	--	---	---------

C2a1 Assigned frequency									
-------------------------	--	--	--	--	--	--	--	--	--

12.875 GHz	13.125 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
A13 Ref. to Special Sections	API/A/9509	1 232MD7W--		12.8		-70.9		7		-76.7						1			
		2 185MD7W--		11.8		-70.9		6		-76.7						1			
		3 116MD7W--		9.8		-70.9		4		-76.7						1			
		4 92M7D7W--		8.8		-70.9		3		-76.7						1			
		5 46M4D7W--		5.8		-70.9		0		-76.7						1			
		6 23M2D7W--		2.8		-70.9		-3		-76.7						1			
		7 1M02D7W--		-10.8		-70.9		-16.6		-76.7						1			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-A	T				1 TK	OT	27	6.9		0.23		15.8	500000	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. ES-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
---	---------------------------------	----------------	--------------	---------------------

13C Remarks

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA324 R

BR7a/BR7b Group id. 119	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G LIE		

C2a1 Assigned frequency											
12.875 GHz	13.125 GHz										
A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
1 232MD7W--	12.8	-70.9	6	-77.7		-77.7		4			
2 185MD7W--	11.8	-70.9	5	-77.7		-77.7		4			
3 116MD7W--	9.8	-70.9	3	-77.7		-77.7		4			
4 92M7D7W--	8.8	-70.9	2	-77.7		-77.7		4			
5 46M4D7W--	5.8	-70.9	-1	-77.7		-77.7		4			
6 23M2D7W--	2.8	-70.9	-4	-77.7		-77.7		4			
7 1M02D7W--	-10.8	-70.9	-17.6	-77.7		-77.7		4			
C10b1 Assoc. earth station id. ES-B	C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
1 TK	2 TD	3 TC		31	4.4		0.36	15.8	500000		

C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. ES-B	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

BR7a/BR7b Group id. 120	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA324 R

A5/A6 Coordinations/Agreements	9.12	Q	F G LIE
--------------------------------	------	---	---------

C2a1 Assigned frequency												
12.875 GHz	13.125 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
A13 Ref. to Special Sections		API/A/9509		1 232MD7W--	9.8	-73.9	3	-80.7	3			
				2 185MD7W--	8.8	-73.9	2	-80.7	3			
				3 116MD7W--	6.8	-73.9	0	-80.7	3			
				4 92M7D7W--	5.8	-73.9	-1	-80.7	3			
				5 46M4D7W--	2.8	-73.9	-4	-80.7	3			
				6 23M2D7W--	-0.2	-73.9	-7	-80.7	3			
				7 1M02D7W--	-13.8	-73.9	-20.6	-80.7	3			
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-C		T				1 TK 2 TD 3 TC	OT CR	33	3.5	0.46	12.8	500000

C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
ES-C	AP8										

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id.	121	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC	ED	EK	C3a Assigned freq. band 250000	C5a Noise temperature 424					
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle					
C11a1 Service area no.	C11a2 Service area XAX			C11b Affected region			C11a3 Service area diagram			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4								

A5/A6 Coordinations/Agreements	9.12	Q	F G LIE
--------------------------------	------	---	---------

C2a1 Assigned frequency											
12.875 GHz	13.125 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 232MD7W--	9.8	-73.9	2	-81.7	4		
				2 185MD7W--	8.8	-73.9	1	-81.7	4		
				3 116MD7W--	6.8	-73.9	-1	-81.7	4		
				4 92M7D7W--	5.8	-73.9	-2	-81.7	4		
				5 46M4D7W--	2.8	-73.9	-5	-81.7	4		
				6 23M2D7W--	-0.2	-73.9	-8	-81.7	4		
				7 1M02D7W--	-13.8	-73.9	-21.6	-81.7	4		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA324	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-D	T			1 TK 2 TD 3 TC	OT OT CR	35	2.8		0.58		12.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-D	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

BR7a/BR7b Group id.	122	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE	

C2a1 Assigned frequency												
12.875	GHz	13.125	GHz									
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
1	232MD7W--		14	-69.6	9		-74.6		15			
2	185MD7W--		13.1	-69.6	8.1		-74.6		15			
3	116MD7W--		11	-69.6	6		-74.6		15			
4	92M7D7W--		10	-69.6	5		-74.6		15			
5	46M4D7W--		7	-69.6	2		-74.6		15			
6	23M2D7W--		4	-69.6	-1		-74.6		15			
7	1M02D7W--		-9.5	-69.6	-14.5		-74.6		15			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-E	T			1 TK 2 TD 3 TC	OT OT CR	39	1.7		0.92		17	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-E	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	UA324 R

BR7a/BR7b Group id. 123	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no. C11a2 Service area XAX	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G LIE			

C2a1 Assigned frequency											
12.875 GHz	13.125 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509											
1 232MD7W--		14		-69.6		9		-74.6		17	
2 185MD7W--		13.1		-69.6		8.1		-74.6		17	
3 116MD7W--		11		-69.6		6		-74.6		17	
4 92M7D7W--		10		-69.6		5		-74.6		17	
5 46M4D7W--		7		-69.6		2		-74.6		17	
6 23M2D7W--		4		-69.6		-1		-74.6		17	
7 1M02D7W--		-9.5		-69.6		-14.5		-74.6		17	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-F	T			1 TK 2 TD 3 TC	OT CR	41	1.4	1.15	17	500000

C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. ES-F	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks											

BR7a/BR7b Group id. 124	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no. C11a2 Service area XAX	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA324	R						
A5/A6 Coordinations/Agreements 9.12 Q F G LIE												
C2a1 Assigned frequency												
12.875 GHz	13.125 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
1 232MD7W--	11	-72.6	5	-78.6	16							
2 185MD7W--	10	-72.6	4	-78.6	16							
3 116MD7W--	8	-72.6	2	-78.6	16							
4 92M7D7W--	7	-72.6	1	-78.6	16							
5 46M4D7W--	4	-72.6	-2	-78.6	16							
6 23M2D7W--	1	-72.6	-5	-78.6	16							
7 1M02D7W--	-12.6	-72.6	-18.6	-78.6	16							
C10b1 Assoc. earth station id. ES-G		C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain 44	C10d4 Bmwldth 1	C10d7 Ant. diameter 1.63	C8g1 Max. aggr. pwr. 14	C8g2 Aggr. bandwidth 500000	C8g3 Transp. bandwidth = Aggr. bandwidth
						1 TK 2 TD 3 TC	OT OT CR					
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. ES-G		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks												
<input type="checkbox"/>	B1a/BR17 Beam designation UA359	<input type="checkbox"/>	B1b Steerable Y	<input type="checkbox"/>	B2 Emi-Rcp R	<input type="checkbox"/>	B3a1 Max. co-polar gain 35.9	<input type="checkbox"/>				
B2bis.a Transmit only when visible from notified service area <input type="checkbox"/>							B2bis.b Min. Elev. Angle <input type="checkbox"/>					
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern REC-1528	Coef. A	Coef. B				Co-polar rad. diag.						
B4a3a1 Angle alpha <input type="checkbox"/>	B4a3a2 Angle beta <input type="checkbox"/>											
BR92 Attach. for missing angle alpha/beta <input type="checkbox"/> 5												
<input type="checkbox"/>	BR7a/BR7b Group id. 125	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	<input type="checkbox"/>								
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	<input type="checkbox"/>								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use <input type="checkbox"/>	BR64 Date of receipt of 1st Res49 <input type="checkbox"/>								
BR14 Special Section CR/D/2880 CR/C/3739												
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd <input type="checkbox"/>									
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle <input type="checkbox"/>										
C11a1 Service area no. <input type="checkbox"/>	C11a2 Service area XAX	C11b Affected region <input type="checkbox"/>	C11a3 Service area diagram <input type="checkbox"/>									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region <input type="checkbox"/>	C11a3 Service area diagram <input type="checkbox"/>									
A5/A6 Coordinations/Agreements 9.12 Q F G LIE												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA359 R

C2a1 Assigned frequency											
12.875	GHz	13.125	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2	Attch.
API/A/9509		1	232MD7W--		12.8		-70.9		5.5		-78.2
		2	185MD7W--		11.8		-70.9		4.5		-78.2
		3	116MD7W--		9.8		-70.9		2.5		-78.2
		4	92M7D7W--		8.8		-70.9		1.5		-78.2
		5	46M4D7W--		5.8		-70.9		-1.5		-78.2
		6	23M2D7W--		2.8		-70.9		-4.5		-78.2
		7	1M02D7W--		-10.8		-70.9		-18.1		-78.2

C10b1	C10b2	C10c1	C10c2	C10d1/C10d2	C10d3	C10d4		C10d7		C8g1	C8g2	C8g3
Assoc. earth station id.	Type	Geographical coord.	Ctry	Cls. / Nat.	Max. iso. gain	Bmwth		Ant. diameter		Max. aggr. pwr.	Aggr. bandwidth	Transp. bandwidth = Aggr. bandwidth
ES-A	T				1 TK 2 TD 3 TC	OT CR	27	6.9		0.23		15.8 500000

C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1
ES-A	AP8					

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	126	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
---	--	-----------------------------------

BR14 Special Section CR/D/2880	CR/C/3739
--------------------------------	-----------

C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pdf
-------------------------------	--------------------------------	---------------------------	------------------

C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
--------------------------------	-------------------------	------------------------	--

C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram
------------------------	------------------------	----------------------------

C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
--------------------------------	------------------------------	----------------------

A5/A6 Coordinations/Agreements 9.12	Q	F G LIE
-------------------------------------	---	---------

C2a1 Assigned frequency											
12.875	GHz	13.125	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2	Attch.
API/A/9509		1	232MD7W--		12.8		-70.9		6.5		-77.2
		2	185MD7W--		11.8		-70.9		5.5		-77.2
		3	116MD7W--		9.8		-70.9		3.5		-77.2
		4	92M7D7W--		8.8		-70.9		2.5		-77.2
		5	46M4D7W--		5.8		-70.9		-0.5		-77.2
		6	23M2D7W--		2.8		-70.9		-3.5		-77.2
		7	1M02D7W--		-10.8		-70.9		-17.1		-77.2

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA359	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-B	T			1 TK 2 TD 3 TC	OT OT CR	31	4.4		0.36		15.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-B	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

BR7a/BR7b Group id.	127	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE	

C2a1 Assigned frequency												
12.875	GHz	13.125	GHz									
A13 Ref. to Special Sections	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509	1	232MD7W--	9.8	-73.9	1.5		-82.2		5			
	2	185MD7W--	8.8	-73.9	0.5		-82.2		5			
	3	116MD7W--	6.8	-73.9	-1.5		-82.2		5			
	4	92M7D7W--	5.8	-73.9	-2.5		-82.2		5			
	5	46M4D7W--	2.8	-73.9	-5.5		-82.2		5			
	6	23M2D7W--	-0.2	-73.9	-8.5		-82.2		5			
	7	1M02D7W--	-13.8	-73.9	-22.1		-82.2		5			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-C	T			1 TK 2 TD 3 TC	OT OT CR	33	3.5		0.46		12.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-C	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	UA359 R

BR7a/BR7b Group id.	128	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4				
A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use		27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49		
BR14 Special Section		CR/D/2880		CR/C/3739				
C4a Class of station	EC	ED	EK	C3a Assigned freq. band	250000	C5a Noise temperature	424	
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle		
C11a1 Service area no.	C11a2 Service area XAX		C9c1 Type of multiple access		3	C9c2 Spectrum mask diagram	4	
C11b Affected region		C11a3 Service area diagram						
A5/A6 Coordinations/Agreements		9.12	Q	F G LIE				

C2a1 Assigned frequency											
12.875	GHz	13.125	GHz								
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.	
1	232MD7W--		9.8	-73.9	4.5		-79.2		10		
2	185MD7W--		8.8	-73.9	3.5		-79.2		10		
3	116MD7W--		6.8	-73.9	1.5		-79.2		10		
4	92M7D7W--		5.8	-73.9	0.5		-79.2		10		
5	46M4D7W--		2.8	-73.9	-2.5		-79.2		10		
6	23M2D7W--		-0.2	-73.9	-5.5		-79.2		10		
7	1M02D7W--		-13.8	-73.9	-19.1		-79.2		10		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-D	T			1 TK 2 TD 3 TC	OT CR	35	2.8		0.58		12.8	500000	

C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
ES-D	AP8										
Findings	2D Date of protection	27.12.2014	13A Conformity with RR	A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				
13C Remarks											

BR7a/BR7b Group id.	129	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use		27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section		CR/D/2880		CR/C/3739			
C4a Class of station	EC	ED	EK	C3a Assigned freq. band	250000	C5a Noise temperature	424
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX		C9c1 Type of multiple access		3	C9c2 Spectrum mask diagram	4
C11b Affected region		C11a3 Service area diagram					

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA359	R

A5/A6 Coordinations/Agreements	9.12	Q	F G LIE
--------------------------------	------	---	---------

C2a1 Assigned frequency												
12.875	GHz	13.125	GHz									
A13 Ref. to Special Sections			C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509			1 232MD7W--		14	-69.6	8.5	-75.1		18		
			2 185MD7W--		13.1	-69.6	7.6	-75.1		18		
			3 116MD7W--		11	-69.6	5.5	-75.1		18		
			4 92M7D7W--		10	-69.6	4.5	-75.1		18		
			5 46M4D7W--		7	-69.6	1.5	-75.1		18		
			6 23M2D7W--		4	-69.6	-1.5	-75.1		18		
			7 1M02D7W--		-9.5	-69.6	-15	-75.1		18		
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-E		T				1 TK	OT	39	1.7	0.92	17	500000
						2 TD	OT					
						3 TC	CR					

C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
ES-E	AP8										

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id.	130	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49			
BR14 Special Section	CR/D/2880	CR/C/3739				
C4a Class of station	EC	ED	EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.		C11a2 Service area XAX			C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region		

A5/A6 Coordinations/Agreements	9.12	Q	F G LIE
--------------------------------	------	---	---------

C2a1 Assigned frequency												
12.875	GHz	13.125	GHz									
A13 Ref. to Special Sections			C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509			1 232MD7W--		14	-69.6	8.5	-75.1		20		
			2 185MD7W--		13.1	-69.6	7.6	-75.1		20		
			3 116MD7W--		11	-69.6	5.5	-75.1		20		
			4 92M7D7W--		10	-69.6	4.5	-75.1		20		
			5 46M4D7W--		7	-69.6	1.5	-75.1		20		
			6 23M2D7W--		4	-69.6	-1.5	-75.1		20		
			7 1M02D7W--		-9.5	-69.6	-15	-75.1		20		

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA359 R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-F	T			1 TK 2 TD 3 TC	OT OT CR	41	1.4		1.15		17	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-F	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

BR7a/BR7b Group id.	131	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE	

C2a1 Assigned frequency												
12.875 GHz	13.125 GHz											
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 232MD7W--	11	-72.6	5.5		-78.1		20			
		2 185MD7W--	10	-72.6	4.5		-78.1		20			
		3 116MD7W--	8	-72.6	2.5		-78.1		20			
		4 92M7D7W--	7	-72.6	1.5		-78.1		20			
		5 46M4D7W--	4	-72.6	-1.5		-78.1		20			
		6 23M2D7W--	1	-72.6	-4.5		-78.1		20			
		7 1M02D7W--	-12.6	-72.6	-18.1		-78.1		20			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-G	T			1 TK 2 TD 3 TC	OT OT CR	44	1		1.63		14	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-G	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA403 R

B1a/BR17 Beam designation UA403	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 40.3
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area

B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
REC-1528					

B4a3a1 Angle alpha

B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta 5

BR7a/BR7b Group id. 132	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G LIE

C2a1 Assigned frequency

12.875 GHz	13.125 GHz	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1 232MD7W--	12.8	-70.9	1.1		-82.6		3	
		2 185MD7W--	11.8	-70.9	0.1		-82.6		3	
		3 116MD7W--	9.8	-70.9	-1.9		-82.6		3	
		4 92M7D7W--	8.8	-70.9	-2.9		-82.6		3	
		5 46M4D7W--	5.8	-70.9	-5.9		-82.6		3	
		6 23M2D7W--	2.8	-70.9	-8.9		-82.6		3	
		7 1M02D7W--	-10.8	-70.9	-22.5		-82.6		3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-A	T			1 TK OT 2 TD OT 3 TC CR	27	6.9		0.23	15.8	500000

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id. 133	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	UA403 R

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G LIE

C2a1 Assigned frequency

12.875 GHz	13.125 GHz	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W-- 5 46M4D7W-- 6 23M2D7W-- 7 1M02D7W--	12.8 11.8 9.8 8.8 5.8 2.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	4.1 3.1 1.1 0.1 -2.9 -5.9 -19.5		-79.6 -79.6 -79.6 -79.6 -79.6 -79.6 -79.6		10 10 10 10 10 10 10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-B	T			1 TK 2 TD 3 TC	OT CR	31	4.4	0.36	15.8	500000

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-B	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 134 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G LIE

C2a1 Assigned frequency

12.875 GHz	13.125 GHz									
------------	------------	--	--	--	--	--	--	--	--	--

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA403 R

A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1 232MD7W--	9.8	-73.9	0.1	-83.6		8					
2 185MD7W--	8.8	-73.9	-0.9	-83.6		8					
3 116MD7W--	6.8	-73.9	-2.9	-83.6		8					
4 92M7D7W--	5.8	-73.9	-3.9	-83.6		8					
5 46M4D7W--	2.8	-73.9	-6.9	-83.6		8					
6 23M2D7W--	-0.2	-73.9	-9.9	-83.6		8					
7 1M02D7W--	-13.8	-73.9	-23.5	-83.6		8					
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-C	T			1 TK 2 TD 3 TC	OT OT CR	33	3.5	0.46	12.8	500000	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. ES-C	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

BR7a/BR7b Group id.	135	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC	ED	EK	C5a Noise temperature 424	B4b5 Peak of pfd						
C4b Nature of service	CR	OT	OT	C6b Polarization angle							
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE								
C2a1 Assigned frequency											
12.875 GHz	13.125 GHz										
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1 232MD7W--	9.8	-73.9	4.1	-79.6		14					
2 185MD7W--	8.8	-73.9	3.1	-79.6		14					
3 116MD7W--	6.8	-73.9	1.1	-79.6		14					
4 92M7D7W--	5.8	-73.9	0.1	-79.6		14					
5 46M4D7W--	2.8	-73.9	-2.9	-79.6		14					
6 23M2D7W--	-0.2	-73.9	-5.9	-79.6		14					
7 1M02D7W--	-13.8	-73.9	-19.5	-79.6		14					

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA403	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-D	T			1 TK 2 TD 3 TC	OT OT CR	35	2.8		0.58		12.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-D	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

BR7a/BR7b Group id.	136	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE	

C2a1 Assigned frequency												
12.875	GHz	13.125	GHz									
A13	Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509		1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W-- 5 46M4D7W-- 6 23M2D7W-- 7 1M02D7W--	14 13.1 11 10 7 4 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	8.1 7.2 5.1 4.1 1.1 -1.9 -15.4		-75.5 -75.5 -75.5 -75.5 -75.5 -75.5 -75.5		22 22 22 22 22 22 22			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-E	T			1 TK 2 TD 3 TC	OT OT CR	39	1.7		0.92		17	500000	
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.						
ES-E	AP8												
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review													
13C Remarks													

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA403 R

BR7a/BR7b Group id. 137	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G LIE			

C2a1 Assigned frequency											
12.875 GHz	13.125 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509											
1 232MD7W--		14		-69.6		8.1		-75.5		24	
2 185MD7W--		13.1		-69.6		7.2		-75.5		24	
3 116MD7W--		11		-69.6		5.1		-75.5		24	
4 92M7D7W--		10		-69.6		4.1		-75.5		24	
5 46M4D7W--		7		-69.6		1.1		-75.5		24	
6 23M2D7W--		4		-69.6		-1.9		-75.5		24	
7 1M02D7W--		-9.5		-69.6		-15.4		-75.5		24	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-F	T			1 TK 2 TD 3 TC	OT CR	41	1.4	1.15	17	500000

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id. ES-F	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks									

BR7a/BR7b Group id. 138	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UA403	R						
A5/A6 Coordinations/Agreements 9.12 Q F G LIE												
C2a1 Assigned frequency												
12.875 GHz	13.125 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
1 232MD7W--	11	-72.6	5.1	-78.5	24							
2 185MD7W--	10	-72.6	4.1	-78.5	24							
3 116MD7W--	8	-72.6	2.1	-78.5	24							
4 92M7D7W--	7	-72.6	1.1	-78.5	24							
5 46M4D7W--	4	-72.6	-1.9	-78.5	24							
6 23M2D7W--	1	-72.6	-4.9	-78.5	24							
7 1M02D7W--	-12.6	-72.6	-18.5	-78.5	24							
C10b1 Assoc. earth station id. ES-G		C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
			1 TK	2 OT	3 TD	44 CR	1		1.63	14	500000	
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. ES-G		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks												
B1a/BR17 Beam designation UB263	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 26.3									
B2bis.a Transmit only when visible from notified service area		B2bis.b Min. Elev. Angle										
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern REC-1528	Coef. A	Coef. B					Co-polar rad. diag.					
B4a3a1 Angle alpha	B4a3a2 Angle beta											
BR92 Attach. for missing angle alpha/beta 5												
BR7a/BR7b Group id. 139	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4										
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use					BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880		CR/C/3739										
C4a Class of station EC ED EK	C3a Assigned freq. band 250000			C5a Noise temperature 424		B4b5 Peak of pfd						
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C11a1 Service area no.	C11a2 Service area XAX		C11b Affected region					C11a3 Service area diagram				
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4											
A5/A6 Coordinations/Agreements 9.12 Q F G LIE RUS USA												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UB263 R

C2a1 Assigned frequency													
13.875	GHz												
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.			
API/A/9509		1	232MD7W--		9.8		-73.9		5.2		-78.5		20
		2	185MD7W--		8.8		-73.9		4.2		-78.5		20
		3	116MD7W--		6.8		-73.9		2.1		-78.5		20
		4	92M7D7W--		5.8		-73.9		1.2		-78.5		20
		5	46M4D7W--		2.8		-73.9		-1.8		-78.5		20
		6	23M2D7W--		-0.2		-73.9		-4.8		-78.5		20
		7	1M02D7W--		-13.8		-73.9		-18.4		-78.5		20

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-H	T			1 TK OT 2 TD OT 3 TC CR	53.9	0.35		4.5		9.8	250000	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-H	AP8						
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision							
13C Remarks							

<input checked="" type="checkbox"/> B1a/BR17 Beam designation UB279	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 27.9
---	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
REC-1528					

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta 5

BR7a/BR7b Group id. 140 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC ED EK C3a Assigned freq. band 250000 C5a Noise temperature 424 B4b5 Peak of pfd

C4b Nature of service CR OT OT C6a Polarization type M C6b Polarization angle

C11a1 Service area no. C11a2 Service area XAX C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4 C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G LIE RUS USA

13.875 GHz C2a1 Assigned frequency

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UB279 R

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W-- 5 46M4D7W-- 6 23M2D7W-- 7 1M02D7W--	9.8 8.8 6.8 5.8 2.8 -0.2 -13.8	-73.9 -73.9 -73.9 -73.9 -73.9 -73.9 -73.9	5.6 4.6 2.5 1.6 -1.4 -4.4 -18		-78.1 -78.1 -78.1 -78.1 -78.1 -78.1 -78.1		22 22 22 22 22 22 22	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-H	T			1 TK 2 TD 3 TC	OT CR	53.9	0.35		4.5		9.8	250000	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-H	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

B1a/BR17 Beam designation UB299	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 29.9
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area	B2bis.b Min. Elev. Angle
---	--------------------------

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
REC-1528					

B4a3a1 Angle alpha	B4a3a2 Angle beta
--------------------	-------------------

BR92 Attach. for missing angle alpha/beta	5
---	---

BR7a/BR7b Group id. 141	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
-------------------------	--------------------	------------------	------------------------

BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
---	--	-----------------------------------

BR14 Special Section CR/D/2880	CR/C/3739
--------------------------------	-----------

C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
-------------------------------	--------------------------------	---------------------------	------------------

C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
--------------------------------	-------------------------	------------------------	--

C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram
------------------------	------------------------	----------------------------

C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
--------------------------------	------------------------------	----------------------

A5/A6 Coordinations/Agreements 9.12	Q F G LIE RUS USA
-------------------------------------	-------------------

C2a1 Assigned frequency											
13.875	GHz										

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. UB299 R							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1 232MD7W--		9.8	-73.9	5.6		-78.1		24		
		2 185MD7W--		8.8	-73.9	4.6		-78.1		24		
		3 116MD7W--		6.8	-73.9	2.5		-78.1		24		
		4 92M7D7W--		5.8	-73.9	1.6		-78.1		24		
		5 46M4D7W--		2.8	-73.9	-1.4		-78.1		24		
		6 23M2D7W--		-0.2	-73.9	-4.4		-78.1		24		
		7 1M02D7W--		-13.8	-73.9	-18		-78.1		24		
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-H		T				1 TK 2 TD 3 TC	OT CR	53.9	0.35	4.5	9.8	250000
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
ES-H		AP8										
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks												
B1a/BR17 Beam designation UB324		B1b Steerable Y		B2 Emi-Rcp R		B3a1 Max. co-polar gain 32.4						
B2bis.a Transmit only when visible from notified service area												
B2bis.b Min. Elev. Angle												
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern REC-1528		Coef. A		Coef. B						Co-polar rad. diag.		
B4a3a1 Angle alpha		B4a3a2 Angle beta										
BR92 Attach. for missing angle alpha/beta 5												
BR7a/BR7b Group id. 142		BR1 Date of receipt 27.12.2014		C2c RR No. 4.4								
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b						
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49				
BR14 Special Section CR/D/2880		CR/C/3739										
C4a Class of station EC		ED		EK		C3a Assigned freq. band 250000		C5a Noise temperature 424		B4b5 Peak of pfd		
C4b Nature of service CR		OT		OT		C6a Polarization type M		C6b Polarization angle				
C11a1 Service area no.		C11a2 Service area XAX								C11a3 Service area diagram		
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region								
A5/A6 Coordinations/Agreements 9.12		Q F G LIE RUS USA										
C2a1 Assigned frequency												
13.875 GHz												

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	UB324	R					
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 232MD7W--		9.8	-73.9	5.1		-78.6		26		
		2 185MD7W--		8.8	-73.9	4.1		-78.6		26		
		3 116MD7W--		6.8	-73.9	2		-78.6		26		
		4 92M7D7W--		5.8	-73.9	1.1		-78.6		26		
		5 46M4D7W--		2.8	-73.9	-1.9		-78.6		26		
		6 23M2D7W--		-0.2	-73.9	-4.9		-78.6		26		
		7 1M02D7W--		-13.8	-73.9	-18.5		-78.6		26		
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-H		T				1 TK 2 TD 3 TC	OT CR	53.9	0.35	4.5	9.8	250000
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
ES-H		AP8										
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks												
B1a/BR17 Beam designation UB359		B1b Steerable Y		B2 Emi-Rcp R		B3a1 Max. co-polar gain 35.9						
B2bis.a Transmit only when visible from notified service area B2bis.b Min. Elev. Angle												
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern REC-1528		Coef. A		Coef. B						Co-polar rad. diag.		
B4a3a1 Angle alpha		B4a3a2 Angle beta										
BR92 Attach. for missing angle alpha/beta 5												
BR7a/BR7b Group id. 143		BR1 Date of receipt 27.12.2014		C2c RR No. 4.4								
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b						
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49				
BR14 Special Section CR/D/2880		CR/C/3739										
C4a Class of station EC ED EK		C3a Assigned freq. band 250000		C5a Noise temperature 424				B4b5 Peak of pfd				
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle								
C11a1 Service area no.		C11a2 Service area XAX						C11a3 Service area diagram				
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region								
A5/A6 Coordinations/Agreements 9.12		Q F G LIE RUS USA										
C2a1 Assigned frequency												
13.875 GHz												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UB359 R

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W-- 5 46M4D7W-- 6 23M2D7W-- 7 1M02D7W--	9.8 8.8 6.8 5.8 2.8 -0.2 -13.8	-73.9 -73.9 -73.9 -73.9 -73.9 -73.9 -73.9	3.6 2.6 0.5 -0.4 -3.4 -6.4 -20		-80.1 -80.1 -80.1 -80.1 -80.1 -80.1 -80.1		28 28 28 28 28 28 28	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-H	T			1 TK 2 TD 3 TC	OT CR	53.9	0.35		4.5		9.8	250000	

C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1
ES-H	AP8					Co-polar rad. diag.

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

B1a/BR17 Beam designation UB403	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 40.3
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area	B2bis.b Min. Elev. Angle
---	--------------------------

B3c1 Co-polar antenna pattern						
Co-polar ref. pattern	Coef. A	Coef. B				Co-polar rad. diag.
REC-1528						

B4a3a1 Angle alpha	B4a3a2 Angle beta
--------------------	-------------------

BR92 Attach. for missing angle alpha/beta	5
---	---

BR7a/BR7b Group id. 144	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
-------------------------	--------------------	------------------	------------------------

BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
---	--	-----------------------------------

BR14 Special Section CR/D/2880	CR/C/3739
--------------------------------	-----------

C4a Class of station EC	ED	EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
-------------------------	----	----	--------------------------------	---------------------------	------------------

C4b Nature of service CR	OT	OT	C6a Polarization type M	C6b Polarization angle
--------------------------	----	----	-------------------------	------------------------

C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram
------------------------	------------------------	----------------------------

C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
--------------------------------	------------------------------	----------------------

A5/A6 Coordinations/Agreements 9.12	Q F G LIE RUS USA
-------------------------------------	-------------------

C2a1 Assigned frequency												
13.875	GHz											

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	UB403	R					
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 232MD7W--		9.8	-73.9	-0.8		-84.5		28		
		2 185MD7W--		8.8	-73.9	-1.8		-84.5		28		
		3 116MD7W--		6.8	-73.9	-3.9		-84.5		28		
		4 92M7D7W--		5.8	-73.9	-4.8		-84.5		28		
		5 46M4D7W--		2.8	-73.9	-7.8		-84.5		28		
		6 23M2D7W--		-0.2	-73.9	-10.8		-84.5		28		
		7 1M02D7W--		-13.8	-73.9	-24.4		-84.5		28		
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-H		T				1 TK 2 TD 3 TC	OT CR	53.9	0.35	4.5	9.8	250000
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
ES-H		AP8										
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks												
B1a/BR17 Beam designation UC263		B1b Steerable Y		B2 Emi-Rcp R		B3a1 Max. co-polar gain 26.3						
B2bis.a Transmit only when visible from notified service area												
B2bis.b Min. Elev. Angle												
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern REC-1528		Coef. A		Coef. B						Co-polar rad. diag.		
B4a3a1 Angle alpha		B4a3a2 Angle beta										
BR92 Attach. for missing angle alpha/beta 5												
BR7a/BR7b Group id. 145		BR1 Date of receipt 27.12.2014		C2c RR No. 4.4								
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b						
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49				
BR14 Special Section CR/D/2880		CR/C/3739										
C4a Class of station EC		ED		EK		C3a Assigned freq. band 250000		C5a Noise temperature 424		B4b5 Peak of pfd		
C4b Nature of service CR		OT		OT		C6a Polarization type M		C6b Polarization angle				
C11a1 Service area no.		C11a2 Service area XAX								C11a3 Service area diagram		
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region								
A5/A6 Coordinations/Agreements 9.12		Q		F G J LIE								
C2a1 Assigned frequency												
14.125	GHz	14.375	GHz									

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC263 R

A13 Ref. to Special Sections		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 232MD7W--	12.8	-70.9	12.1		-71.6		0	
		2 185MD7W--	11.8	-70.9	11.1		-71.6		0	
		3 116MD7W--	9.8	-70.9	9		-71.6		0	
		4 92M7D7W--	8.8	-70.9	8.1		-71.6		0	
		5 46M4D7W--	5.8	-70.9	5.1		-71.6		0	
		6 23M2D7W--	2.8	-70.9	2.1		-71.6		0	
		7 1M02D7W--	-10.8	-70.9	-11.5		-71.6		0	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-A	T			1 TK 2 TD 3 TC	OT CR	27	6.9		0.23		15.8	500000	

C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1
ES-A	AP8					Co-polar rad. diag.

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks	<input type="text"/>				

<input type="checkbox"/> BR7a/BR7b Group id. 146	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
---	--	-----------------------------------

BR14 Special Section CR/D/2880	CR/C/3739
--------------------------------	-----------

C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
-------------------------------	--------------------------------	---------------------------	------------------

C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	C11a3 Service area diagram
--------------------------------	-------------------------	------------------------	----------------------------

C11a1 Service area no.	C11a2 Service area XAX	C11b Affected region
------------------------	------------------------	----------------------

C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
--------------------------------	------------------------------	----------------------

A5/A6 Coordinations/Agreements 9.12	Q F G J LIE
-------------------------------------	-------------

C2a1 Assigned frequency											
14.125 GHz	14.375 GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509		1 232MD7W--	12.8	-70.9	9.1		-74.6		1		
		2 185MD7W--	11.8	-70.9	8.1		-74.6		1		
		3 116MD7W--	9.8	-70.9	6.1		-74.6		1		
		4 92M7D7W--	8.8	-70.9	5.1		-74.6		1		
		5 46M4D7W--	5.8	-70.9	2.1		-74.6		1		
		6 23M2D7W--	2.8	-70.9	-0.9		-74.6		1		
		7 1M02D7W--	-10.8	-70.9	-14.5		-74.6		1		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC263	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-B	T			1 TK 2 TD 3 TC	OT OT CR	31	4.4		0.36		15.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-B	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

BR7a/BR7b Group id.	147	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 232MD7W--	9.8	-73.9	7.1		-76.6		1			
		2 185MD7W--	8.8	-73.9	6.1		-76.6		1			
		3 116MD7W--	6.8	-73.9	4.1		-76.6		1			
		4 92M7D7W--	5.8	-73.9	3.1		-76.6		1			
		5 46M4D7W--	2.8	-73.9	0.1		-76.6		1			
		6 23M2D7W--	-0.2	-73.9	-2.9		-76.6		1			
		7 1M02D7W--	-13.8	-73.9	-16.5		-76.6		1			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-C	T			1 TK 2 TD 3 TC	OT OT CR	33	3.5		0.46		12.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-C	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	UC263 R

BR7a/BR7b Group id. 148	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE			

C2a1 Assigned frequency																			
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.		C8c3 Min. pwr dens.		C8c4 Attach.		C8e1 C/N ratio		C8e2 Attach.	
1	232MD7W--	9.8	-73.9	6.1	-77.6	2													
2	185MD7W--	8.8	-73.9	5.1	-77.6	2													
3	116MD7W--	6.8	-73.9	3.1	-77.6	2													
4	92M7D7W--	5.8	-73.9	2.1	-77.6	2													
5	46M4D7W--	2.8	-73.9	-0.9	-77.6	2													
6	23M2D7W--	-0.2	-73.9	-3.9	-77.6	2													
7	1M02D7W--	-13.8	-73.9	-17.5	-77.6	2													

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-D	T			1 TK 2 TD 3 TC	OT CR	35	2.8	0.58	12.8	500000

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id. ES-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks									

BR7a/BR7b Group id. 149	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC263	R

A5/A6 Coordinations/Agreements 9.12		Q	F G J LIE										
C2a1 Assigned frequency													
14.125	GHz	14.375	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509		1 232MD7W--		14	-69.6	8.1		-75.5	8				
		2 185MD7W--		13.1	-69.6	7.2		-75.5	8				
		3 116MD7W--		11	-69.6	5.1		-75.5	8				
		4 92M7D7W--		10	-69.6	4.1		-75.5	8				
		5 46M4D7W--		7	-69.6	1.1		-75.5	8				
		6 23M2D7W--		4	-69.6	-1.9		-75.5	8				
		7 1M02D7W--		-9.5	-69.6	-15.4		-75.5	8				
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-E		T				1 TK	OT	39	1.7		0.92		
						2 TD	OT					17	
						3 TC	CR					500000	
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
ES-E		AP8											
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision	13B2 Remarks		13B3 Date of Review					
13C Remarks													

<input type="checkbox"/>	BR7a/BR7b Group id. 150	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4					
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b					
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49				
BR14 Special Section CR/D/2880	CR/C/3739			B4b5 Peak of pfd				
C4a Class of station EC ED EK	C3a Assigned freq. band 250000		C5a Noise temperature 424					
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle					
C11a1 Service area no.	C11a2 Service area XAX		C11b Affected region			C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4							

A5/A6 Coordinations/Agreements 9.12		Q	F G J LIE										
C2a1 Assigned frequency													
14.125	GHz	14.375	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509		1 232MD7W--		14	-69.6	8.1		-75.5	10				
		2 185MD7W--		13.1	-69.6	7.2		-75.5	10				
		3 116MD7W--		11	-69.6	5.1		-75.5	10				
		4 92M7D7W--		10	-69.6	4.1		-75.5	10				
		5 46M4D7W--		7	-69.6	1.1		-75.5	10				
		6 23M2D7W--		4	-69.6	-1.9		-75.5	10				
		7 1M02D7W--		-9.5	-69.6	-15.4		-75.5	10				

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC263	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-F	T			1 TK 2 TD 3 TC	OT OT CR	41	1.4		1.15		17	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-F	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review					
13C Remarks												

BR7a/BR7b Group id.	151	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509	1 232MD7W--		11	-72.6	5.1		-78.5		10			
	2 185MD7W--		10	-72.6	4.1		-78.5		10			
	3 116MD7W--		8	-72.6	2.1		-78.5		10			
	4 92M7D7W--		7	-72.6	1.1		-78.5		10			
	5 46M4D7W--		4	-72.6	-1.9		-78.5		10			
	6 23M2D7W--		1	-72.6	-4.9		-78.5		10			
	7 1M02D7W--		-12.6	-72.6	-18.5		-78.5		10			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-G	T			1 TK 2 TD 3 TC	OT OT CR	44	1		1.63		14	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-G	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review					
13C Remarks												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC279 R

B1a/BR17 Beam designation UC279	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 27.9
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area

B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
REC-1528					

B4a3a1 Angle alpha

B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta 5

BR7a/BR7b Group id. 152	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

14.125 GHz	14.375 GHz	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1 232MD7W--	12.8	-70.9	10.5		-73.2		0	
		2 185MD7W--	11.8	-70.9	9.5		-73.2		0	
		3 116MD7W--	9.8	-70.9	7.5		-73.2		0	
		4 92M7D7W--	8.8	-70.9	6.5		-73.2		0	
		5 46M4D7W--	5.8	-70.9	3.5		-73.2		0	
		6 23M2D7W--	2.8	-70.9	0.5		-73.2		0	
		7 1M02D7W--	-10.8	-70.9	-13.1		-73.2		0	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-A	T			1 TK OT 2 TD OT 3 TC CR	27	6.9		0.23	15.8	500000

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-A	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision

13B2 Remarks

13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 153	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	UC279 R

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

14.125 GHz	14.375 GHz	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W-- 5 46M4D7W-- 6 23M2D7W-- 7 1M02D7W--	12.8 11.8 9.8 8.8 5.8 2.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	7.5 6.5 4.5 3.5 0.5 -2.5 -16.1		-76.2 -76.2 -76.2 -76.2 -76.2 -76.2 -76.2		1 1 1 1 1 1 1	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-B	T			1 TK 2 TD 3 TC	OT CR	31	4.4	0.36	15.8	500000

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-B	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 154 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

14.125 GHz	14.375 GHz									
------------	------------	--	--	--	--	--	--	--	--	--

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC279 R

A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1	232MD7W--	9.8	-73.9	5.5		-78.2		1				
2	185MD7W--	8.8	-73.9	4.5		-78.2		1				
3	116MD7W--	6.8	-73.9	2.5		-78.2		1				
4	92M7D7W--	5.8	-73.9	1.5		-78.2		1				
5	46M4D7W--	2.8	-73.9	-1.5		-78.2		1				
6	23M2D7W--	-0.2	-73.9	-4.5		-78.2		1				
7	1M02D7W--	-13.8	-73.9	-18.1		-78.2		1				
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-C	T				1 TK 2 TD 3 TC	OT OT CR	33	3.5	0.46	12.8	500000	
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. ES-C	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

BR7a/BR7b Group id.	155	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49				
BR14 Special Section	CR/D/2880	CR/C/3739					
C4a Class of station	EC	ED	EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd	
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle		
C11a1 Service area no.		C11a2 Service area XAX	C11a3 Service area diagram				
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region				
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE				

C2a1 Assigned frequency												
14.125	GHz	14.375	GHz									
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1	232MD7W--	9.8	-73.9	4.5		-79.2		2				
2	185MD7W--	8.8	-73.9	3.5		-79.2		2				
3	116MD7W--	6.8	-73.9	1.5		-79.2		2				
4	92M7D7W--	5.8	-73.9	0.5		-79.2		2				
5	46M4D7W--	2.8	-73.9	-2.5		-79.2		2				
6	23M2D7W--	-0.2	-73.9	-5.5		-79.2		2				
7	1M02D7W--	-13.8	-73.9	-19.1		-79.2		2				

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC279	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-D	T			1 TK 2 TD 3 TC	OT OT CR	35	2.8		0.58		12.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-D	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

BR7a/BR7b Group id.	156	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 232MD7W--	14	-69.6	8.5		-75.1		10			
		2 185MD7W--	13.1	-69.6	7.6		-75.1		10			
		3 116MD7W--	11	-69.6	5.5		-75.1		10			
		4 92M7D7W--	10	-69.6	4.5		-75.1		10			
		5 46M4D7W--	7	-69.6	1.5		-75.1		10			
		6 23M2D7W--	4	-69.6	-1.5		-75.1		10			
		7 1M02D7W--	-9.5	-69.6	-15		-75.1		10			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-E	T			1 TK 2 TD 3 TC	OT OT CR	39	1.7		0.92		17	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-E	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO				
<input checked="" type="checkbox"/>	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/				
	BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC279 R				
<hr/>										
<input type="checkbox"/>	BR7a/BR7b Group id. 157		BR1 Date of receipt 27.12.2014	C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880		CR/C/3739								
C4a Class of station EC ED EK		C3a Assigned freq. band 250000		C5a Noise temperature 424		B4b5 Peak of pfd				
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle						
C11a1 Service area no.	C11a2 Service area XAX				C11a3 Service area diagram					
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region								
A5/A6 Coordinations/Agreements 9.12	Q F G J LIE									
C2a1 Assigned frequency										
14.125 GHz	14.375 GHz									
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.
1 232MD7W--		14	-69.6	8.5		-75.1		12		
2 185MD7W--		13.1	-69.6	7.6		-75.1		12		
3 116MD7W--		11	-69.6	5.5		-75.1		12		
4 92M7D7W--		10	-69.6	4.5		-75.1		12		
5 46M4D7W--		7	-69.6	1.5		-75.1		12		
6 23M2D7W--		4	-69.6	-1.5		-75.1		12		
7 1M02D7W--		-9.5	-69.6	-15		-75.1		12		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-F	T			1 TK 2 TD 3 TC	OT CR	41	1.4	1.15	17	500000
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id. ES-F	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks	13B3 Date of Review					
13C Remarks										
<hr/>										
<input type="checkbox"/>	BR7a/BR7b Group id. 158		BR1 Date of receipt 27.12.2014	C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880		CR/C/3739								
C4a Class of station EC ED EK		C3a Assigned freq. band 250000		C5a Noise temperature 424		B4b5 Peak of pfd				
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle						
C11a1 Service area no.	C11a2 Service area XAX			C11a3 Service area diagram						
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region								

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC279	R					
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE											
C2a1 Assigned frequency											
14.125 GHz	14.375 GHz										
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1	232MD7W--	11	-72.6	5.5	-78.1	12					
2	185MD7W--	10	-72.6	4.5	-78.1	12					
3	116MD7W--	8	-72.6	2.5	-78.1	12					
4	92M7D7W--	7	-72.6	1.5	-78.1	12					
5	46M4D7W--	4	-72.6	-1.5	-78.1	12					
6	23M2D7W--	1	-72.6	-4.5	-78.1	12					
7	1M02D7W--	-12.6	-72.6	-18.1	-78.1	12					
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-G	T			1 TK 2 TD 3 TC	OT CR	44	1	1.63	14	500000	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. ES-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
B1a/BR17 Beam designation UC299	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 29.9								
B2bis.a Transmit only when visible from notified service area		B2bis.b Min. Elev. Angle									
B3c1 Co-polar antenna pattern											
Co-polar ref. pattern REC-1528	Coef. A	Coef. B				Co-polar rad. diag.					
B4a3a1 Angle alpha	B4a3a2 Angle beta										
BR92 Attach. for missing angle alpha/beta 5											
BR7a/BR7b Group id. 159	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880 CR/C/3739											
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd								
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle									
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE											

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC299 R

C2a1 Assigned frequency																							
14.125 GHz	14.375 GHz																						
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.											
API/A/9509		1	232MD7W--	12.8		-70.9		9.5		-74.2		1											
		2	185MD7W--	11.8		-70.9		8.5		-74.2		1											
		3	116MD7W--	9.8		-70.9		6.5		-74.2		1											
		4	92M7D7W--	8.8		-70.9		5.5		-74.2		1											
		5	46M4D7W--	5.8		-70.9		2.5		-74.2		1											
		6	23M2D7W--	2.8		-70.9		-0.5		-74.2		1											
		7	1M02D7W--	-10.8		-70.9		-14.1		-74.2		1											
C10b1 Assoc. earth station id.		C10b2 Type		C10c1 Geographical coord.		C10c2 Ctry		C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain		C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.		C8g2 Aggr. bandwidth		C8g3 Transp. bandwidth = Aggr. bandwidth			
ES-A		T						1 TK OT		27		6.9				0.23				15.8		500000	
3								2 TD OT															
								3 TC CR															
C10d5a Co-polar antenna pattern																							
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A		Coef. B		Coef. C		Coef. D		Phi1		Co-polar rad. diag.									
ES-A		AP8																					
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review													
13C Remarks																							

BR7a/BR7b Group id.	160	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pdf
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	XAX	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q F G J LIE		

C2a1 Assigned frequency													
14.125 GHz	14.375 GHz												
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.	
API/A/9509		1	232MD7W--	12.8		-70.9		8.5		-75.2		4	
		2	185MD7W--	11.8		-70.9		7.5		-75.2		4	
		3	116MD7W--	9.8		-70.9		5.5		-75.2		4	
		4	92M7D7W--	8.8		-70.9		4.5		-75.2		4	
		5	46M4D7W--	5.8		-70.9		1.5		-75.2		4	
		6	23M2D7W--	2.8		-70.9		-1.5		-75.2		4	
		7	1M02D7W--	-10.8		-70.9		-15.1		-75.2		4	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC299	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-B	T			1 TK 2 TD 3 TC	OT OT CR	31	4.4		0.36		15.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-B	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

BR7a/BR7b Group id.	161	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509	1 232MD7W--		9.8	-73.9	5.5		-78.2		3			
	2 185MD7W--		8.8	-73.9	4.5		-78.2		3			
	3 116MD7W--		6.8	-73.9	2.5		-78.2		3			
	4 92M7D7W--		5.8	-73.9	1.5		-78.2		3			
	5 46M4D7W--		2.8	-73.9	-1.5		-78.2		3			
	6 23M2D7W--		-0.2	-73.9	-4.5		-78.2		3			
	7 1M02D7W--		-13.8	-73.9	-18.1		-78.2		3			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-C	T			1 TK 2 TD 3 TC	OT OT CR	33	3.5		0.46		12.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-C	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC299 R

BR7a/BR7b Group id. 162	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE			

C2a1 Assigned frequency											
14.125 GHz	14.375 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509		1	232MD7W--	9.8	-73.9	4.5		-79.2		4	
		2	185MD7W--	8.8	-73.9	3.5		-79.2		4	
		3	116MD7W--	6.8	-73.9	1.5		-79.2		4	
		4	92M7D7W--	5.8	-73.9	0.5		-79.2		4	
		5	46M4D7W--	2.8	-73.9	-2.5		-79.2		4	
		6	23M2D7W--	-0.2	-73.9	-5.5		-79.2		4	
		7	1M02D7W--	-13.8	-73.9	-19.1		-79.2		4	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-D	T			1 TK 2 TD 3 TC	OT CR	35	2.8	0.58	12.8	500000

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id. ES-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				
13C Remarks									

BR7a/BR7b Group id. 163	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC299 R

A5/A6 Coordinations/Agreements 9.12	Q	F G J LIE
-------------------------------------	---	-----------

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
A13 Ref. to Special Sections API/A/9509		1 232MD7W--		14	-69.6	8.5		-75.1		12		
		2 185MD7W--		13.1	-69.6	7.6		-75.1		12		
		3 116MD7W--		11	-69.6	5.5		-75.1		12		
		4 92M7D7W--		10	-69.6	4.5		-75.1		12		
		5 46M4D7W--		7	-69.6	1.5		-75.1		12		
		6 23M2D7W--		4	-69.6	-1.5		-75.1		12		
		7 1M02D7W--		-9.5	-69.6	-15		-75.1		12		
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-E		T				1 TK 2 TD 3 TC	OT CR	39	1.7	0.92	17	500000

C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
ES-E	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

<input type="checkbox"/> BR7a/BR7b Group id. 164	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q	F G J LIE	

C2a1 Assigned frequency											
14.125 GHz	14.375 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections API/A/9509		1 232MD7W--		14	-69.6	8.5		-75.1		14	
		2 185MD7W--		13.1	-69.6	7.6		-75.1		14	
		3 116MD7W--		11	-69.6	5.5		-75.1		14	
		4 92M7D7W--		10	-69.6	4.5		-75.1		14	
		5 46M4D7W--		7	-69.6	1.5		-75.1		14	
		6 23M2D7W--		4	-69.6	-1.5		-75.1		14	
		7 1M02D7W--		-9.5	-69.6	-15		-75.1		14	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC299 R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-F	T			1 TK 2 TD 3 TC	OT OT CR	41	1.4		1.15		17	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-F	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

BR7a/BR7b Group id.	165	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509	1 232MD7W--		11	-72.6	5.5		-78.1		14			
	2 185MD7W--		10	-72.6	4.5		-78.1		14			
	3 116MD7W--		8	-72.6	2.5		-78.1		14			
	4 92M7D7W--		7	-72.6	1.5		-78.1		14			
	5 46M4D7W--		4	-72.6	-1.5		-78.1		14			
	6 23M2D7W--		1	-72.6	-4.5		-78.1		14			
	7 1M02D7W--		-12.6	-72.6	-18.1		-78.1		14			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-G	T			1 TK 2 TD 3 TC	OT OT CR	44	1		1.63		14	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-G	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC324 R

B1a/BR17 Beam designation UC324	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 32.4
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
REC-1528					

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta 5

BR7a/BR7b Group id. 166	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC ED EK C3a Assigned freq. band 250000 C5a Noise temperature 424 B4b5 Peak of pfd

C4b Nature of service CR OT OT C6a Polarization type M C6b Polarization angle

C11a1 Service area no. C11a2 Service area XAX C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4 C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency											
14.125 GHz	14.375 GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509		1 232MD7W--		12.8	-70.9	7		-76.7		1	
		2 185MD7W--		11.8	-70.9	6		-76.7		1	
		3 116MD7W--		9.8	-70.9	4		-76.7		1	
		4 92M7D7W--		8.8	-70.9	3		-76.7		1	
		5 46M4D7W--		5.8	-70.9	0		-76.7		1	
		6 23M2D7W--		2.8	-70.9	-3		-76.7		1	
		7 1M02D7W--		-10.8	-70.9	-16.6		-76.7		1	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-A	T			1 TK 2 TD 3 TC	OT OT CR	27	6.9	0.23	15.8	500000

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-A	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 167	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	UC324 R

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

14.125 GHz	14.375 GHz	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W-- 5 46M4D7W-- 6 23M2D7W-- 7 1M02D7W--	12.8 11.8 9.8 8.8 5.8 2.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	6 5 3 2 -1 -4 -17.6		-77.7 -77.7 -77.7 -77.7 -77.7 -77.7 -77.7		4 4 4 4 4 4 4	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-B	T			1 TK 2 TD 3 TC	OT CR	31	4.4	0.36	15.8	500000

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-B	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 168 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

14.125 GHz	14.375 GHz									
------------	------------	--	--	--	--	--	--	--	--	--

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC324 R

A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1	232MD7W--	9.8	-73.9	3		-80.7		3				
2	185MD7W--	8.8	-73.9	2		-80.7		3				
3	116MD7W--	6.8	-73.9	0		-80.7		3				
4	92M7D7W--	5.8	-73.9	-1		-80.7		3				
5	46M4D7W--	2.8	-73.9	-4		-80.7		3				
6	23M2D7W--	-0.2	-73.9	-7		-80.7		3				
7	1M02D7W--	-13.8	-73.9	-20.6		-80.7		3				
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-C	T				1 TK 2 TD 3 TC	OT OT CR	33	3.5	0.46	12.8	500000	
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
ES-C	AP8											
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks												

BR7a/BR7b Group id.	169	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49								
BR14 Special Section		CR/D/2880	CR/C/3739									
C4a Class of station	EC	ED	EK	C5a Noise temperature 424	B4b5 Peak of pfd							
C4b Nature of service	CR	OT	OT	C6b Polarization angle								
C11a1 Service area no.		C11a2 Service area XAX		C11b Affected region	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4										
A5/A6 Coordinations/Agreements		9.12	Q	F G J LIE								
C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1	232MD7W--	9.8	-73.9	2		-81.7		4				
2	185MD7W--	8.8	-73.9	1		-81.7		4				
3	116MD7W--	6.8	-73.9	-1		-81.7		4				
4	92M7D7W--	5.8	-73.9	-2		-81.7		4				
5	46M4D7W--	2.8	-73.9	-5		-81.7		4				
6	23M2D7W--	-0.2	-73.9	-8		-81.7		4				
7	1M02D7W--	-13.8	-73.9	-21.6		-81.7		4				

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC324	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-D	T			1 TK 2 TD 3 TC	OT OT CR	35	2.8		0.58		12.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-D	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

BR7a/BR7b Group id.	170	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 232MD7W--	14	-69.6	9		-74.6		15			
		2 185MD7W--	13.1	-69.6	8.1		-74.6		15			
		3 116MD7W--	11	-69.6	6		-74.6		15			
		4 92M7D7W--	10	-69.6	5		-74.6		15			
		5 46M4D7W--	7	-69.6	2		-74.6		15			
		6 23M2D7W--	4	-69.6	-1		-74.6		15			
		7 1M02D7W--	-9.5	-69.6	-14.5		-74.6		15			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-E	T			1 TK 2 TD 3 TC	OT OT CR	39	1.7		0.92		17	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-E	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	UC324 R

BR7a/BR7b Group id.	171	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use		27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section		CR/D/2880		CR/C/3739			
C4a Class of station	EC	ED	EK	C3a Assigned freq. band	250000	C5a Noise temperature	424
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area		XAX	C11a3 Service area diagram			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region		
A5/A6 Coordinations/Agreements		9.12	Q	F G J LIE			

C2a1 Assigned frequency											
14.125 GHz		14.375 GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
API/A/9509		1	232MD7W--		14		-69.6	9		-74.6	
		2	185MD7W--		13.1		-69.6	8.1		-74.6	
		3	116MD7W--		11		-69.6	6		-74.6	
		4	92M7D7W--		10		-69.6	5		-74.6	
		5	46M4D7W--		7		-69.6	2		-74.6	
		6	23M2D7W--		4		-69.6	-1		-74.6	
		7	1M02D7W--		-9.5		-69.6	-14.5		-74.6	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-F	T			1 TK 2 TD 3 TC	OT CR	41	1.4		1.15		17	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-F	AP8											
Findings	2D Date of protection	27.12.2014	13A Conformity with RR	A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks												

BR7a/BR7b Group id.	172	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use		27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section		CR/D/2880		CR/C/3739			
C4a Class of station	EC	ED	EK	C3a Assigned freq. band	250000	C5a Noise temperature	424
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area		XAX	C11a3 Service area diagram			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC324 R							
A5/A6 Coordinations/Agreements 9.12		Q	F G J LIE									
C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1	232MD7W--		11	-72.6	5	-78.6	16					
2	185MD7W--		10	-72.6	4	-78.6	16					
3	116MD7W--		8	-72.6	2	-78.6	16					
4	92M7D7W--		7	-72.6	1	-78.6	16					
5	46M4D7W--		4	-72.6	-2	-78.6	16					
6	23M2D7W--		1	-72.6	-5	-78.6	16					
7	1M02D7W--		-12.6	-72.6	-18.6	-78.6	16					
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-G	T				1 TK 2 TD 3 TC	OT OT CR	44	1	1.63	14	500000	
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
ES-G	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												
B1a/BR17 Beam designation UC359	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 35.9									
B2bis.a Transmit only when visible from notified service area		B2bis.b Min. Elev. Angle										
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern	Coef. A	Coef. B							Co-polar rad. diag.			
REC-1528												
B4a3a1 Angle alpha		B4a3a2 Angle beta										
BR92 Attach. for missing angle alpha/beta 5												
BR7a/BR7b Group id.	173	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880		CR/C/3739										
C4a Class of station EC	ED	EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd							
C4b Nature of service CR	OT	OT	C6a Polarization type M	C6b Polarization angle								
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region									
A5/A6 Coordinations/Agreements 9.12		Q	F G J LIE									

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC359 R

C2a1 Assigned frequency																			
14.125 GHz	14.375 GHz																		
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1 232MD7W--		12.8		-70.9		5.5		-78.2		3							
		2 185MD7W--		11.8		-70.9		4.5		-78.2		3							
		3 116MD7W--		9.8		-70.9		2.5		-78.2		3							
		4 92M7D7W--		8.8		-70.9		1.5		-78.2		3							
		5 46M4D7W--		5.8		-70.9		-1.5		-78.2		3							
		6 23M2D7W--		2.8		-70.9		-4.5		-78.2		3							
		7 1M02D7W--		-10.8		-70.9		-18.1		-78.2		3							
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth				
ES-A		T				1 TK	OT	27	6.9		0.23		15.8	500000					
						2 TD	OT												
						3 TC	CR												
C10d5a Co-polar antenna pattern																			
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A		Coef. B		Coef. C		Coef. D		Phi1		Co-polar rad. diag.						
ES-A		AP8																	
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review										
13C Remarks																			

BR7a/BR7b Group id.	174	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49			
BR14 Special Section	CR/D/2880	CR/C/3739					
C4a Class of station	EC ED EK	C3a Assigned freq. band	250000	C5a Noise temperature	424	B4b5 Peak of pfd	
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle			
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region			
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE				

C2a1 Assigned frequency																			
14.125 GHz	14.375 GHz																		
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1 232MD7W--		12.8		-70.9		6.5		-77.2		8							
		2 185MD7W--		11.8		-70.9		5.5		-77.2		8							
		3 116MD7W--		9.8		-70.9		3.5		-77.2		8							
		4 92M7D7W--		8.8		-70.9		2.5		-77.2		8							
		5 46M4D7W--		5.8		-70.9		-0.5		-77.2		8							
		6 23M2D7W--		2.8		-70.9		-3.5		-77.2		8							
		7 1M02D7W--		-10.8		-70.9		-17.1		-77.2		8							

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC359	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-B	T			1 TK 2 TD 3 TC	OT OT CR	31	4.4		0.36		15.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-B	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

BR7a/BR7b Group id.	175	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XAX		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 232MD7W--	9.8	-73.9	1.5		-82.2		5			
		2 185MD7W--	8.8	-73.9	0.5		-82.2		5			
		3 116MD7W--	6.8	-73.9	-1.5		-82.2		5			
		4 92M7D7W--	5.8	-73.9	-2.5		-82.2		5			
		5 46M4D7W--	2.8	-73.9	-5.5		-82.2		5			
		6 23M2D7W--	-0.2	-73.9	-8.5		-82.2		5			
		7 1M02D7W--	-13.8	-73.9	-22.1		-82.2		5			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-C	T			1 TK 2 TD 3 TC	OT OT CR	33	3.5		0.46		12.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-C	AP8											
Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review												
13C Remarks												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC359 R

BR7a/BR7b Group id. 176	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE			

C2a1 Assigned frequency											
14.125 GHz	14.375 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509		1	232MD7W--	9.8	-73.9	4.5		-79.2		10	
		2	185MD7W--	8.8	-73.9	3.5		-79.2		10	
		3	116MD7W--	6.8	-73.9	1.5		-79.2		10	
		4	92M7D7W--	5.8	-73.9	0.5		-79.2		10	
		5	46M4D7W--	2.8	-73.9	-2.5		-79.2		10	
		6	23M2D7W--	-0.2	-73.9	-5.5		-79.2		10	
		7	1M02D7W--	-13.8	-73.9	-19.1		-79.2		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-D	T			1 TK 2 TD 3 TC	OT CR	35	2.8	0.58	12.8	500000

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id. ES-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				
13C Remarks									

BR7a/BR7b Group id. 177	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC359 R

A5/A6 Coordinations/Agreements 9.12	Q	F G J LIE
-------------------------------------	---	-----------

C2a1 Assigned frequency											
14.125 GHz	14.375 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 232MD7W--	14	-69.6	8.5	-75.1		18	
		2 185MD7W--		13.1	-69.6	7.6		-75.1		18	
		3 116MD7W--		11	-69.6	5.5		-75.1		18	
		4 92M7D7W--		10	-69.6	4.5		-75.1		18	
		5 46M4D7W--		7	-69.6	1.5		-75.1		18	
		6 23M2D7W--		4	-69.6	-1.5		-75.1		18	
		7 1M02D7W--		-9.5	-69.6	-15		-75.1		18	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-E	T			1 TK 2 TD 3 TC	OT CR	39	1.7	0.92	17	500000

C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1
ES-E	AP8					Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 178	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

A5/A6 Coordinations/Agreements 9.12	Q	F G J LIE
-------------------------------------	---	-----------

C2a1 Assigned frequency											
14.125 GHz	14.375 GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 232MD7W--	14	-69.6	8.5	-75.1		20	
		2 185MD7W--		13.1	-69.6	7.6		-75.1		20	
		3 116MD7W--		11	-69.6	5.5		-75.1		20	
		4 92M7D7W--		10	-69.6	4.5		-75.1		20	
		5 46M4D7W--		7	-69.6	1.5		-75.1		20	
		6 23M2D7W--		4	-69.6	-1.5		-75.1		20	
		7 1M02D7W--		-9.5	-69.6	-15		-75.1		20	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC359	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-F	T			1 TK 2 TD 3 TC	OT OT CR	41	1.4		1.15		17	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-F	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review					
13C Remarks												

BR7a/BR7b Group id.	179	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509	1 232MD7W--		11	-72.6	5.5		-78.1		20			
	2 185MD7W--		10	-72.6	4.5		-78.1		20			
	3 116MD7W--		8	-72.6	2.5		-78.1		20			
	4 92M7D7W--		7	-72.6	1.5		-78.1		20			
	5 46M4D7W--		4	-72.6	-1.5		-78.1		20			
	6 23M2D7W--		1	-72.6	-4.5		-78.1		20			
	7 1M02D7W--		-12.6	-72.6	-18.1		-78.1		20			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-G	T			1 TK 2 TD 3 TC	OT OT CR	44	1		1.63		14	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-G	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review					
13C Remarks												

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. UC403 R

B1a/BR17 Beam designation UC403	B1b Steerable Y	B2 Emi-Rcp R	B3a1 Max. co-polar gain 40.3
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area

B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
REC-1528					

B4a3a1 Angle alpha

B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta 5

BR7a/BR7b Group id. 180	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access 3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

14.125 GHz	14.375 GHz																		
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1	232MD7W--		12.8		-70.9		1.1			-82.6			3				
		2	185MD7W--		11.8		-70.9		0.1			-82.6			3				
		3	116MD7W--		9.8		-70.9		-1.9			-82.6			3				
		4	92M7D7W--		8.8		-70.9		-2.9			-82.6			3				
		5	46M4D7W--		5.8		-70.9		-5.9			-82.6			3				
		6	23M2D7W--		2.8		-70.9		-8.9			-82.6			3				
		7	1M02D7W--		-10.8		-70.9		-22.5			-82.6			3				

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwthd		C10d7 Ant. diameter			C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth		
ES-A	T				1	TK	OT	27	6.9			0.23		15.8	500000		
2	TD				2	TD	OT										
3	TC				3	TC	CR										

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-A	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 181	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
-------------------------	--------------------------------	----------------

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	UC403 R

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

14.125 GHz	14.375 GHz	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1 232MD7W-- 2 185MD7W-- 3 116MD7W-- 4 92M7D7W-- 5 46M4D7W-- 6 23M2D7W-- 7 1M02D7W--	12.8 11.8 9.8 8.8 5.8 2.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	4.1 3.1 1.1 0.1 -2.9 -5.9 -19.5		-79.6 -79.6 -79.6 -79.6 -79.6 -79.6 -79.6		10 10 10 10 10 10 10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-B	T			1 TK 2 TD 3 TC	OT CR	31	4.4	0.36	15.8	500000

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
ES-B	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 182 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC ED EK

C3a Assigned freq. band 250000

C5a Noise temperature 424

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C11a1 Service area no.

C11a2 Service area XAX

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

14.125 GHz	14.375 GHz									
------------	------------	--	--	--	--	--	--	--	--	--

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC403 R

A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1 232MD7W--	9.8	-73.9	0.1	-83.6		8					
2 185MD7W--	8.8	-73.9	-0.9	-83.6		8					
3 116MD7W--	6.8	-73.9	-2.9	-83.6		8					
4 92M7D7W--	5.8	-73.9	-3.9	-83.6		8					
5 46M4D7W--	2.8	-73.9	-6.9	-83.6		8					
6 23M2D7W--	-0.2	-73.9	-9.9	-83.6		8					
7 1M02D7W--	-13.8	-73.9	-23.5	-83.6		8					
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-C	T			1 TK 2 TD 3 TC	OT OT CR	33	3.5	0.46	12.8	500000	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. ES-C	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

BR7a/BR7b Group id. 183	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11b Affected region	C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		
A5/A6 Coordinations/Agreements 9.12	Q F G J LIE		

C2a1 Assigned frequency											
14.125	GHz	14.375	GHz								
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1 232MD7W--	9.8	-73.9	4.1	-79.6		14					
2 185MD7W--	8.8	-73.9	3.1	-79.6		14					
3 116MD7W--	6.8	-73.9	1.1	-79.6		14					
4 92M7D7W--	5.8	-73.9	0.1	-79.6		14					
5 46M4D7W--	2.8	-73.9	-2.9	-79.6		14					
6 23M2D7W--	-0.2	-73.9	-5.9	-79.6		14					
7 1M02D7W--	-13.8	-73.9	-19.5	-79.6		14					

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC403	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-D	T			1 TK 2 TD 3 TC	OT OT CR	35	2.8		0.58		12.8	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-D	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

BR7a/BR7b Group id.	184	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	ED	EK	C5a Noise temperature 424
C4b Nature of service	CR	OT	OT	C6b Polarization angle
C11a1 Service area no.	C11a2 Service area XAX		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency												
14.125 GHz	14.375 GHz											
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 232MD7W--	14	-69.6	8.1		-75.5		22			
		2 185MD7W--	13.1	-69.6	7.2		-75.5		22			
		3 116MD7W--	11	-69.6	5.1		-75.5		22			
		4 92M7D7W--	10	-69.6	4.1		-75.5		22			
		5 46M4D7W--	7	-69.6	1.1		-75.5		22			
		6 23M2D7W--	4	-69.6	-1.9		-75.5		22			
		7 1M02D7W--	-9.5	-69.6	-15.4		-75.5		22			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth	
ES-E	T			1 TK 2 TD 3 TC	OT OT CR	39	1.7		0.92		17	500000	

C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
ES-E	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	UC403 R

BR7a/BR7b Group id. 185	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE			

C2a1 Assigned frequency											
14.125 GHz		14.375 GHz									
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
1 232MD7W--		14		-69.6		8.1		-75.5		24	
2 185MD7W--		13.1		-69.6		7.2		-75.5		24	
3 116MD7W--		11		-69.6		5.1		-75.5		24	
4 92M7D7W--		10		-69.6		4.1		-75.5		24	
5 46M4D7W--		7		-69.6		1.1		-75.5		24	
6 23M2D7W--		4		-69.6		-1.9		-75.5		24	
7 1M02D7W--		-9.5		-69.6		-15.4		-75.5		24	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-F	T			1 TK 2 TD 3 TC	OT CR	41	1.4	1.15	17	500000

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id. ES-F	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks									

BR7a/BR7b Group id. 186	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC ED EK	C3a Assigned freq. band 250000	C5a Noise temperature 424	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C11a1 Service area no.	C11a2 Service area XAX	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	UC403 R					
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE											
C2a1 Assigned frequency											
14.125 GHz	14.375 GHz										
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.				
1	232MD7W--	11	-72.6	5.1	-78.5	24					
2	185MD7W--	10	-72.6	4.1	-78.5	24					
3	116MD7W--	8	-72.6	2.1	-78.5	24					
4	92M7D7W--	7	-72.6	1.1	-78.5	24					
5	46M4D7W--	4	-72.6	-1.9	-78.5	24					
6	23M2D7W--	1	-72.6	-4.9	-78.5	24					
7	1M02D7W--	-12.6	-72.6	-18.5	-78.5	24					
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
ES-G	T			1 TK 2 TD 3 TC	OT OT CR	44	1	1.63	14	500000	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. ES-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
B1a/BR17 Beam designation DA263	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 26.3								
B2bis.a Transmit only when visible from notified service area Y	B2bis.b Min. Elev. Angle 2										
B3c1 Co-polar antenna pattern											
Co-polar ref. pattern REC-1528	Coef. A	Coef. B					Co-polar rad. diag.				
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2								
BR92 Attach. for missing angle alpha/beta 5											
B4b4a Max. E.I.R.P. at 4kHz -8.5	B4b4b Average E.I.R.P. at 4kHz -8.5	B4b4c Max. E.I.R.P. at 1MHz 15.5	B4b4d Average E.I.R.P. at 1MHz 15.5								
BR7a/BR7b Group id. 36	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880	CR/C/3739										
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd								
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle								
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.	C11a2 Service area XR2		C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region								

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA263 E

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F
--------------------------------	------	---	-----------	------	---

C2a1 Assigned frequency											
10.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	17	-69.6	15.7	-71		2	
2 232MD7W--		2	232MD7W--	14	-69.6	12.6	-71		2		
3 185MD7W--		3	185MD7W--	13.1	-69.6	11.7	-71		2		
4 116MD7W--		4	116MD7W--	11	-69.6	9.6	-71		2		
5 92M7D7W--		5	92M7D7W--	10	-69.6	8.7	-71		2		
6 46M4D7W--		6	46M4D7W--	7	-69.6	5.7	-71		2		
7 1M02D7W--		7	1M02D7W--	-9.5	-69.6	-10.9	-71		2		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id.	37	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE
	9.7B	F	

C2a1 Assigned frequency											
10.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	17	-69.6	15.7	-71		3	
2 232MD7W--		2	232MD7W--	14	-69.6	12.6	-71		3		
3 185MD7W--		3	185MD7W--	13.1	-69.6	11.7	-71		3		
4 116MD7W--		4	116MD7W--	11	-69.6	9.6	-71		3		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																													
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																														
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA263	E																												
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>10</td><td>-69.6</td><td>8.7</td><td>-71</td><td></td><td>3</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>7</td><td>-69.6</td><td>5.7</td><td>-71</td><td></td><td>3</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-9.5</td><td>-69.6</td><td>-10.9</td><td>-71</td><td></td><td>3</td><td></td></tr> </table>									5	92M7D7W--	10	-69.6	8.7	-71		3		6	46M4D7W--	7	-69.6	5.7	-71		3		7	1M02D7W--	-9.5	-69.6	-10.9	-71		3	
5	92M7D7W--	10	-69.6	8.7	-71		3																												
6	46M4D7W--	7	-69.6	5.7	-71		3																												
7	1M02D7W--	-9.5	-69.6	-10.9	-71		3																												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36																										
C10d5a Co-polar antenna pattern																																			
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																												
SE-B	AP8																																		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																														
13C Remarks																																			
BR7a/BR7b Group id.		38	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																															
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																															
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																													
BR14 Special Section CR/D/2880			CR/C/3739																																
C4a Class of station EC	EK	ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd																														
C4b Nature of service CR	OT	OT	C6a Polarization type M		C6b Polarization angle																														
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000		C11a3 Service area diagram																																
C11a1 Service area no.	C11a2 Service area XR2																																		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region																																
A5/A6 Coordinations/Agreements 9.12 Q E F G LIE 9.7B F																																			
C2a1 Assigned frequency																																			
10.95 GHz																																			
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																								
				1 464MD7W--	17	-69.6	15.7	-71		5																									
				2 232MD7W--	14	-69.6	12.6	-71		5																									
				3 185MD7W--	13.1	-69.6	11.7	-71		5																									
				4 116MD7W--	11	-69.6	9.6	-71		5																									
				5 92M7D7W--	10	-69.6	8.7	-71		5																									
				6 46M4D7W--	7	-69.6	5.7	-71		5																									
				7 1M02D7W--	-9.5	-69.6	-10.9	-71		5																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46																										

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA263 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 39	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	

C2a1 Assigned frequency											
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		8	
		2 232MD7W--		14	-69.6	12.6		-71		8	
		3 185MD7W--		13.1	-69.6	11.7		-71		8	
		4 116MD7W--		11	-69.6	9.6		-71		8	
		5 92M7D7W--		10	-69.6	8.7		-71		8	
		6 46M4D7W--		7	-69.6	5.7		-71		8	
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		8	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 40	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DA263 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE												
C2a1 Assigned frequency												
10.95 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		17	-69.6	15.7		-71		10		
		2 232MD7W--		14	-69.6	12.6		-71		10		
		3 185MD7W--		13.1	-69.6	11.7		-71		10		
		4 116MD7W--		11	-69.6	9.6		-71		10		
		5 92M7D7W--		10	-69.6	8.7		-71		10		
		6 46M4D7W--		7	-69.6	5.7		-71		10		
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		10		
C10b1 Assoc. earth station id. SE-E	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
					1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92		
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-E	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.	
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks												
BR7a/BR7b Group id. 41			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA263 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
10.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		16	
		2 232MD7W--		14	-69.6	12.6		-71		16	
		3 185MD7W--		13.1	-69.6	11.7		-71		16	
		4 116MD7W--		11	-69.6	9.6		-71		16	
		5 92M7D7W--		10	-69.6	8.7		-71		16	
		6 46M4D7W--		7	-69.6	5.7		-71		16	
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		16	
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-F		T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-F		AP8									
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks											

BR7a/BR7b Group id.	42	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd							
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000									
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle								
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region								
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
10.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		18	
		2 232MD7W--		14	-69.6	12.6		-71		18	
		3 185MD7W--		13.1	-69.6	11.7		-71		18	
		4 116MD7W--		11	-69.6	9.6		-71		18	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA263 E																																	
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>10</td><td>-69.6</td> <td>8.7</td> <td>-71</td> <td></td> <td>18</td> <td></td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>7</td><td>-69.6</td> <td>5.7</td> <td>-71</td> <td></td> <td>18</td> <td></td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-9.5</td><td>-69.6</td> <td>-10.9</td> <td>-71</td> <td></td> <td>18</td> <td></td> <td></td> </tr> </table>										5	92M7D7W--	10	-69.6	8.7	-71		18			6	46M4D7W--	7	-69.6	5.7	-71		18			7	1M02D7W--	-9.5	-69.6	-10.9	-71		18		
5	92M7D7W--	10	-69.6	8.7	-71		18																																
6	46M4D7W--	7	-69.6	5.7	-71		18																																
7	1M02D7W--	-9.5	-69.6	-10.9	-71		18																																
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																													
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-G	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.	187	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																		
BR14 Special Section	CR/D/2880	CR/C/3739																																					
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd																																	
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle																																	
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth		1000000																																			
C11a1 Service area no.		C11a2 Service area	XR1	XR3	C11a3 Service area diagram																																		
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region																																		
A5/A6 Coordinations/Agreements	9.12	Q		E F G LIE	9.7B	F																																	
C2a1 Assigned frequency																																							
10.95 GHz																																							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																									
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		17 14 13.1 11 10 7 -9.5		-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6		15.7 12.6 11.7 9.6 8.7 5.7 -10.9			-71 -71 -71 -71 -71 -71 -71		2 2 2 2 2 2 2																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-A	T				1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23																													

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	DA263 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	188	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency											
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		1	464MD7W--	17	-69.6	15.7		-71		3	
API/A/9509		2	232MD7W--	14	-69.6	12.6		-71		3	
		3	185MD7W--	13.1	-69.6	11.7		-71		3	
		4	116MD7W--	11	-69.6	9.6		-71		3	
		5	92M7D7W--	10	-69.6	8.7		-71		3	
		6	46M4D7W--	7	-69.6	5.7		-71		3	
		7	1M02D7W--	-9.5	-69.6	-10.9		-71		3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	189	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	DA263 E					
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd					
C4a Class of station EC EK ER	C3a Assigned freq. band 500000										
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR1 XR3				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE											
C2a1 Assigned frequency 10.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9		-71 -71 -71 -71 -71 -71 -71		5 5 5 5 5 5 5	
C10b1 Assoc. earth station id. SE-C	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
					1 TR 2 TK 3 TC	33	3.5	439	0.46		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-C	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks											
BR7a/BR7b Group id. 190			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4					
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49		
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000									B4b5 Peak of pfd	
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR1 XR3										C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA263 E					
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
10.95	GHz									
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
		1	464MD7W--	17	-69.6	15.7		-71		8
		2	232MD7W--	14	-69.6	12.6		-71		8
		3	185MD7W--	13.1	-69.6	11.7		-71		8
		4	116MD7W--	11	-69.6	9.6		-71		8
		5	92M7D7W--	10	-69.6	8.7		-71		8
		6	46M4D7W--	7	-69.6	5.7		-71		8
		7	1M02D7W--	-9.5	-69.6	-10.9		-71		8
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT CR	35	2.8	374	0.58	
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-D	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks										

BR7a/BR7b Group id.	191	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd						
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth	1000000							
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram						
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
10.95	GHz									
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
		1	464MD7W--	17	-69.6	15.7		-71		10
		2	232MD7W--	14	-69.6	12.6		-71		10
		3	185MD7W--	13.1	-69.6	11.7		-71		10
		4	116MD7W--	11	-69.6	9.6		-71		10

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																														
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																															
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA263 E																														
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>10</td><td>-69.6</td> <td>8.7</td> <td>-71</td> <td></td> <td>10</td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>7</td><td>-69.6</td> <td>5.7</td> <td>-71</td> <td></td> <td>10</td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-9.5</td><td>-69.6</td> <td>-10.9</td> <td>-71</td> <td></td> <td>10</td> <td></td> </tr> </table>										5	92M7D7W--	10	-69.6	8.7	-71		10		6	46M4D7W--	7	-69.6	5.7	-71		10		7	1M02D7W--	-9.5	-69.6	-10.9	-71		10	
5	92M7D7W--	10	-69.6	8.7	-71		10																													
6	46M4D7W--	7	-69.6	5.7	-71		10																													
7	1M02D7W--	-9.5	-69.6	-10.9	-71		10																													
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-E	T				1 TR 2 TK 3 TC	39	1.7	374	0.92																											
C10d5a Co-polar antenna pattern																																				
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																													
SE-E	AP8																																			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																															
13C Remarks																																				
BR7a/BR7b Group id. 192			BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																															
BR14 Special Section	CR/D/2880		CR/C/3739																																	
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																																
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																															
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000																																		
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram																																
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE																															
C2a1 Assigned frequency																																				
10.95 GHz																																				
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																						
API/A/9509		1 464MD7W--		17	-69.6	15.7	-71			16																										
		2 232MD7W--		14	-69.6	12.6	-71			16																										
		3 185MD7W--		13.1	-69.6	11.7	-71			16																										
		4 116MD7W--		11	-69.6	9.6	-71			16																										
		5 92M7D7W--		10	-69.6	8.7	-71			16																										
		6 46M4D7W--		7	-69.6	5.7	-71			16																										
		7 1M02D7W--		-9.5	-69.6	-10.9	-71			16																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-F	T				1 TR 2 TK 3 TC	41	1.4	196	1.15																											

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	DA263 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	193	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency											
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		1	464MD7W--	17	-69.6	15.7		-71		18	
API/A/9509		2	232MD7W--	14	-69.6	12.6		-71		18	
		3	185MD7W--	13.1	-69.6	11.7		-71		18	
		4	116MD7W--	11	-69.6	9.6		-71		18	
		5	92M7D7W--	10	-69.6	8.7		-71		18	
		6	46M4D7W--	7	-69.6	5.7		-71		18	
		7	1M02D7W--	-9.5	-69.6	-10.9		-71		18	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	264	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DA263 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE												
C2a1 Assigned frequency 11.45 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		17	-69.6	15.7		-71		2		
		2 232MD7W--		14	-69.6	12.6		-71		2		
		3 185MD7W--		13.1	-69.6	11.7		-71		2		
		4 116MD7W--		11	-69.6	9.6		-71		2		
		5 92M7D7W--		10	-69.6	8.7		-71		2		
		6 46M4D7W--		7	-69.6	5.7		-71		2		
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		2		
C10b1 Assoc. earth station id. SE-A	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
					1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.	
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks												
BR7a/BR7b Group id. 265			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2										C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA263	E					
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		3	
		2 232MD7W--		14	-69.6	12.6		-71		3	
		3 185MD7W--		13.1	-69.6	11.7		-71		3	
		4 116MD7W--		11	-69.6	9.6		-71		3	
		5 92M7D7W--		10	-69.6	8.7		-71		3	
		6 46M4D7W--		7	-69.6	5.7		-71		3	
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		3	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-B	T				1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-B	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

BR7a/BR7b Group id.	266	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000						
C4b Nature of service	CR	OT	OT	C6a Polarization type	M						
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth	1000000	C6b Polarization angle							
C11a1 Service area no.		C11a2 Service area	XR2								
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		5	
		2 232MD7W--		14	-69.6	12.6		-71		5	
		3 185MD7W--		13.1	-69.6	11.7		-71		5	
		4 116MD7W--		11	-69.6	9.6		-71		5	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA263 E																																	
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>10</td><td>-69.6</td><td>8.7</td><td>-71</td><td></td><td>5</td><td></td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>7</td><td>-69.6</td><td>5.7</td><td>-71</td><td></td><td>5</td><td></td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-9.5</td><td>-69.6</td><td>-10.9</td><td>-71</td><td></td><td>5</td><td></td><td></td></tr> </table>										5	92M7D7W--	10	-69.6	8.7	-71		5			6	46M4D7W--	7	-69.6	5.7	-71		5			7	1M02D7W--	-9.5	-69.6	-10.9	-71		5		
5	92M7D7W--	10	-69.6	8.7	-71		5																																
6	46M4D7W--	7	-69.6	5.7	-71		5																																
7	1M02D7W--	-9.5	-69.6	-10.9	-71		5																																
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-C	T				1 TR 2 TK 3 TC	33	3.5	439	0.46																														
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-C	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.	267	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																		
BR14 Special Section	CR/D/2880	CR/C/3739																																					
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																																			
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																																		
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000																																					
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram																																			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																			
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE																																		
C2a1 Assigned frequency																																							
11.45 GHz																																							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																									
API/A/9509		1 464MD7W--		17	-69.6	15.7	-71			8																													
		2 232MD7W--		14	-69.6	12.6	-71			8																													
		3 185MD7W--		13.1	-69.6	11.7	-71			8																													
		4 116MD7W--		11	-69.6	9.6	-71			8																													
		5 92M7D7W--		10	-69.6	8.7	-71			8																													
		6 46M4D7W--		7	-69.6	5.7	-71			8																													
		7 1M02D7W--		-9.5	-69.6	-10.9	-71			8																													
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-D	T				1 TR 2 TK 3 TC	35	2.8	374	0.58																														

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA263 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 268	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	E F G LIE

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509											
1	464MD7W--			17		-69.6		15.7		-71	
2	232MD7W--			14		-69.6		12.6		-71	
3	185MD7W--			13.1		-69.6		11.7		-71	
4	116MD7W--			11		-69.6		9.6		-71	
5	92M7D7W--			10		-69.6		8.7		-71	
6	46M4D7W--			7		-69.6		5.7		-71	
7	1M02D7W--			-9.5		-69.6		-10.9		-71	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 269	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DA263 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE												
C2a1 Assigned frequency												
11.45 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		17	-69.6	15.7		-71		16		
		2 232MD7W--		14	-69.6	12.6		-71		16		
		3 185MD7W--		13.1	-69.6	11.7		-71		16		
		4 116MD7W--		11	-69.6	9.6		-71		16		
		5 92M7D7W--		10	-69.6	8.7		-71		16		
		6 46M4D7W--		7	-69.6	5.7		-71		16		
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		16		
C10b1 Assoc. earth station id. SE-F	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
		1 TR	2 OT	3 TK	41	1.4	196	1.15				
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-F	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks												
BR7a/BR7b Group id. 270			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA263 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		18	
		2 232MD7W--		14	-69.6	12.6		-71		18	
		3 185MD7W--		13.1	-69.6	11.7		-71		18	
		4 116MD7W--		11	-69.6	9.6		-71		18	
		5 92M7D7W--		10	-69.6	8.7		-71		18	
		6 46M4D7W--		7	-69.6	5.7		-71		18	
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		18	
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G		T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-G		AP8									
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks		13B3 Date of Review				
13C Remarks											

BR7a/BR7b Group id.	313	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd							
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle							
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth	1000000								
C11a1 Service area no.		C11a2 Service area	XR1 XR3	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		2	
		2 232MD7W--		14	-69.6	12.6		-71		2	
		3 185MD7W--		13.1	-69.6	11.7		-71		2	
		4 116MD7W--		11	-69.6	9.6		-71		2	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																													
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																														
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA263	E																												
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>10</td><td>-69.6</td><td>8.7</td><td>-71</td><td></td><td>2</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>7</td><td>-69.6</td><td>5.7</td><td>-71</td><td></td><td>2</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-9.5</td><td>-69.6</td><td>-10.9</td><td>-71</td><td></td><td>2</td><td></td></tr> </table>									5	92M7D7W--	10	-69.6	8.7	-71		2		6	46M4D7W--	7	-69.6	5.7	-71		2		7	1M02D7W--	-9.5	-69.6	-10.9	-71		2	
5	92M7D7W--	10	-69.6	8.7	-71		2																												
6	46M4D7W--	7	-69.6	5.7	-71		2																												
7	1M02D7W--	-9.5	-69.6	-10.9	-71		2																												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23																										
C10d5a Co-polar antenna pattern																																			
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																												
SE-A	AP8																																		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																														
13C Remarks																																			
BR7a/BR7b Group id.		314	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																															
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																															
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																														
BR14 Special Section	CR/D/2880		CR/C/3739																																
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd																														
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																														
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000																																	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram																																
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																															
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE																														
C2a1 Assigned frequency																																			
11.45 GHz																																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																								
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		3																									
		2 232MD7W--		14	-69.6	12.6		-71		3																									
		3 185MD7W--		13.1	-69.6	11.7		-71		3																									
		4 116MD7W--		11	-69.6	9.6		-71		3																									
		5 92M7D7W--		10	-69.6	8.7		-71		3																									
		6 46M4D7W--		7	-69.6	5.7		-71		3																									
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		3																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36																										

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA263 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	315	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		API/A/9509		1	464MD7W--	17	-69.6	15.7	-71	5	
				2	232MD7W--	14	-69.6	12.6	-71	5	
				3	185MD7W--	13.1	-69.6	11.7	-71	5	
				4	116MD7W--	11	-69.6	9.6	-71	5	
				5	92M7D7W--	10	-69.6	8.7	-71	5	
				6	46M4D7W--	7	-69.6	5.7	-71	5	
				7	1M02D7W--	-9.5	-69.6	-10.9	-71	5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	316	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DA263 E					
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd					
C4a Class of station EC EK ER	C3a Assigned freq. band 500000										
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR1 XR3				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE											
C2a1 Assigned frequency											
11.45 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--		17	-69.6	15.7		-71		8	
		2 232MD7W--		14	-69.6	12.6		-71		8	
		3 185MD7W--		13.1	-69.6	11.7		-71		8	
		4 116MD7W--		11	-69.6	9.6		-71		8	
		5 92M7D7W--		10	-69.6	8.7		-71		8	
		6 46M4D7W--		7	-69.6	5.7		-71		8	
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		8	
C10b1 Assoc. earth station id. SE-D	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
					1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks											
BR7a/BR7b Group id. 317			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4					
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49		
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000									B4b5 Peak of pfd	
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR1 XR3										C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA263 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		10	
		2 232MD7W--		14	-69.6	12.6		-71		10	
		3 185MD7W--		13.1	-69.6	11.7		-71		10	
		4 116MD7W--		11	-69.6	9.6		-71		10	
		5 92M7D7W--		10	-69.6	8.7		-71		10	
		6 46M4D7W--		7	-69.6	5.7		-71		10	
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		10	
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E		T			1 TR 2 TK 3 TC	39	1.7	374	0.92		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-E		AP8									
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks											

BR7a/BR7b Group id.	318	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd							
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle							
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth	1000000								
C11a1 Service area no.		C11a2 Service area	XR1 XR3	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71		16	
		2 232MD7W--		14	-69.6	12.6		-71		16	
		3 185MD7W--		13.1	-69.6	11.7		-71		16	
		4 116MD7W--		11	-69.6	9.6		-71		16	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA263 E																																	
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>10</td><td>-69.6</td> <td>8.7</td> <td>-71</td> <td></td> <td>16</td> <td></td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>7</td><td>-69.6</td> <td>5.7</td> <td>-71</td> <td></td> <td>16</td> <td></td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-9.5</td><td>-69.6</td> <td>-10.9</td> <td>-71</td> <td></td> <td>16</td> <td></td> <td></td> </tr> </table>										5	92M7D7W--	10	-69.6	8.7	-71		16			6	46M4D7W--	7	-69.6	5.7	-71		16			7	1M02D7W--	-9.5	-69.6	-10.9	-71		16		
5	92M7D7W--	10	-69.6	8.7	-71		16																																
6	46M4D7W--	7	-69.6	5.7	-71		16																																
7	1M02D7W--	-9.5	-69.6	-10.9	-71		16																																
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-F	T				1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15																													
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-F	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.	319	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																		
BR14 Special Section	CR/D/2880	CR/C/3739																																					
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd																																	
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle																																	
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth		1000000																																			
C11a1 Service area no.		C11a2 Service area	XR1	XR3	C11a3 Service area diagram																																		
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region																																		
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE																																		
C2a1 Assigned frequency																																							
11.45 GHz																																							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																									
API/A/9509		1	464MD7W--	17	-69.6	15.7	-71			18																													
		2	232MD7W--	14	-69.6	12.6	-71			18																													
		3	185MD7W--	13.1	-69.6	11.7	-71			18																													
		4	116MD7W--	11	-69.6	9.6	-71			18																													
		5	92M7D7W--	10	-69.6	8.7	-71			18																													
		6	46M4D7W--	7	-69.6	5.7	-71			18																													
		7	1M02D7W--	-9.5	-69.6	-10.9	-71			18																													
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																													

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA263 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

B1a/BR17 Beam designation DA279	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 27.9
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area Y	B2bis.b Min. Elev. Angle 2
---	----------------------------

B3c1 Co-polar antenna pattern							
Co-polar ref. pattern	Coef. A	Coef. B				Co-polar rad. diag.	

REC-1528							
----------	--	--	--	--	--	--	--

B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2
--------------------	-------------------	---------------------------------	----------------------------

BR92 Attach. for missing angle alpha/beta 5			
---	--	--	--

B4b4a Max. E.I.R.P. at 4kHz -8.2	B4b4b Average E.I.R.P. at 4kHz -8.2	B4b4c Max. E.I.R.P. at 1MHz 15.8	B4b4d Average E.I.R.P. at 1MHz 15.8
----------------------------------	-------------------------------------	----------------------------------	-------------------------------------

BR7a/BR7b Group id. 29	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
------------------------	--------------------------------	----------------	--

A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
-------------------------	--------------------	------------------	------------------------

BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
---	--	-----------------------------------

BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd
--------------------------------	-----------	------------------

C4a Class of station EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd
-------------------------------	--------------------------------	------------------

C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
--------------------------------	-------------------------	------------------------

C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000	C11a3 Service area diagram
-------------------------------	-----------------------------------	----------------------------

C11a1 Service area no.	C11a2 Service area XR2	C11b Affected region
------------------------	------------------------	----------------------

C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
--------------------------------	------------------------------	----------------------

A5/A6 Coordinations/Agreements 9.12	Q	F	E F G LIE	
-------------------------------------	---	---	-----------	--

C2a1 Assigned frequency									
-------------------------	--	--	--	--	--	--	--	--	--

10.95 GHz									
-----------	--	--	--	--	--	--	--	--	--

A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
1	464MD7W--			15.8		-70.9		14.1				-72.6				2			
2	232MD7W--			12.8		-70.9		11				-72.6				2			
3	185MD7W--			11.8		-70.9		10.1				-72.6				2			
4	116MD7W--			9.8		-70.9		8				-72.6				2			
5	92M7D7W--			8.8		-70.9		7.1				-72.6				2			
6	46M4D7W--			5.8		-70.9		4.1				-72.6				2			
7	1M02D7W--			-10.8		-70.9		-12.5				-72.6				2			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwthd	C10d6 Noise temp.	C10d7 Ant. diameter	
--------------------------------	------------	---------------------------	------------	-------------------------	----------------------	--------------	-------------------	---------------------	--

SE-A	T			1 TR	OT	27	6.9	439	0.23	
				2 TK	OT					

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																																									
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																									
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DA279 E																																																									
3 TC CR																																																														
C10d5a Co-polar antenna pattern																																																														
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D																																																									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																									
13C Remarks																																																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BR7a/BR7b Group id.</td> <td>30</td> <td>BR1 Date of receipt 27.12.2014</td> <td>C2c RR No. 4.4</td> </tr> <tr> <td>A2b Period of valid.</td> <td>50</td> <td>A3a Op. agency 084</td> <td>A3b Adm. resp. A</td> <td>BR16 Value of type C8b</td> </tr> <tr> <td>BR62 Expiry date for bringing into use</td> <td>27.06.2021</td> <td colspan="3">BR63 Confirmed date of bringing into use</td> <td>BR64 Date of receipt of 1st Res49</td> </tr> <tr> <td>BR14 Special Section</td> <td>CR/D/2880</td> <td colspan="4">CR/C/3739</td> </tr> <tr> <td>C4a Class of station</td> <td>EC EK ER</td> <td colspan="2">C3a Assigned freq. band 500000</td> <td colspan="2">B4b5 Peak of pfd</td> </tr> <tr> <td>C4b Nature of service</td> <td>CR OT OT</td> <td colspan="2">C6a Polarization type M</td> <td colspan="2">C6b Polarization angle</td> </tr> <tr> <td>C8d1 Max. tot. peak pwr.</td> <td>18.8</td> <td colspan="2">C8d2 Contiguous bandwidth 1000000</td> <td colspan="2">C11a3 Service area diagram</td> </tr> <tr> <td>C11a1 Service area no.</td> <td colspan="2">C11a2 Service area XR2</td> <td colspan="3">C11b Affected region</td> </tr> <tr> <td>C9c1 Type of multiple access</td> <td>3</td> <td colspan="2">C9c2 Spectrum mask diagram 4</td> <td colspan="2"></td> </tr> <tr> <td>A5/A6 Coordinations/Agreements</td> <td>9.12 9.7B</td> <td>O F</td> <td>E F G LIE</td> <td colspan="2"></td> </tr> </table>						BR7a/BR7b Group id.	30	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49	BR14 Special Section	CR/D/2880	CR/C/3739				C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd		C4b Nature of service	CR OT OT	C6a Polarization type M		C6b Polarization angle		C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000		C11a3 Service area diagram		C11a1 Service area no.	C11a2 Service area XR2		C11b Affected region			C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4				A5/A6 Coordinations/Agreements	9.12 9.7B	O F	E F G LIE		
BR7a/BR7b Group id.	30	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																											
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																										
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																									
BR14 Special Section	CR/D/2880	CR/C/3739																																																												
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd																																																										
C4b Nature of service	CR OT OT	C6a Polarization type M		C6b Polarization angle																																																										
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000		C11a3 Service area diagram																																																										
C11a1 Service area no.	C11a2 Service area XR2		C11b Affected region																																																											
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4																																																												
A5/A6 Coordinations/Agreements	9.12 9.7B	O F	E F G LIE																																																											
C2a1 Assigned frequency																																																														
10.95 GHz																																																														
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																				
1	464MD7W--	15.8	-70.9	14.1		-72.6		3																																																						
2	232MD7W--	12.8	-70.9	11		-72.6		3																																																						
3	185MD7W--	11.8	-70.9	10.1		-72.6		3																																																						
4	116MD7W--	9.8	-70.9	8		-72.6		3																																																						
5	92M7D7W--	8.8	-70.9	7.1		-72.6		3																																																						
6	46M4D7W--	5.8	-70.9	4.1		-72.6		3																																																						
7	1M02D7W--	-10.8	-70.9	-12.5		-72.6		3																																																						
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																						
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36																																																					
C10d5a Co-polar antenna pattern																																																														
C10b1 Assoc. earth station id. SE-B	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																							
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																									
13C Remarks																																																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BR7a/BR7b Group id.</td> <td>31</td> <td>BR1 Date of receipt 27.12.2014</td> <td>C2c RR No. 4.4</td> </tr> </table>						BR7a/BR7b Group id.	31	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																					
BR7a/BR7b Group id.	31	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																											

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	DA279 E

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC EK ER

C3a Assigned freq. band

500000

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C8d1 Max. tot. peak pwr.

18.8

C8d2 Contiguous bandwidth 1000000

C11a1 Service area no.

C11a2 Service area XR2

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE												
	9.7B	F													

C2a1 Assigned frequency

10.95 GHz	A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.
API/A/9509		1 464MD7W--	15.8	-70.9	14.1		-72.6		5	
		2 232MD7W--	12.8	-70.9	11		-72.6		5	
		3 185MD7W--	11.8	-70.9	10.1		-72.6		5	
		4 116MD7W--	9.8	-70.9	8		-72.6		5	
		5 92M7D7W--	8.8	-70.9	7.1		-72.6		5	
		6 46M4D7W--	5.8	-70.9	4.1		-72.6		5	
		7 1M02D7W--	-10.8	-70.9	-12.5		-72.6		5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id.	32	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.	C11a2 Service area XR2	C11b Affected region	C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA279 E

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE											
	9.7B	F												

C2a1 Assigned frequency																
10.95	GHz															
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2	Attch.	C8c3	Min. pwr dens.	C8c4	C8e1	C8e2
API/A/9509		1	464MD7W--	15.8	-70.9	14.1			-72.6				8			
		2	232MD7W--	12.8	-70.9	11			-72.6				8			
		3	185MD7W--	11.8	-70.9	10.1			-72.6				8			
		4	116MD7W--	9.8	-70.9	8			-72.6				8			
		5	92M7D7W--	8.8	-70.9	7.1			-72.6				8			
		6	46M4D7W--	5.8	-70.9	4.1			-72.6				8			
		7	1M02D7W--	-10.8	-70.9	-12.5			-72.6				8			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58	

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-D	AP8								

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review	
13C Remarks						

BR7a/BR7b Group id.	33	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	
	9.7B	F		

C2a1 Assigned frequency																
10.95	GHz															
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2	Attch.	C8c3	Min. pwr dens.	C8c4	C8e1	C8e2
API/A/9509		1	464MD7W--	15.8	-70.9	14.1			-72.6				10			
		2	232MD7W--	12.8	-70.9	11			-72.6				10			
		3	185MD7W--	11.8	-70.9	10.1			-72.6				10			

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA279 E

4	116MD7W--	9.8	-70.9	8	-72.6	10
5	92M7D7W--	8.8	-70.9	7.1	-72.6	10
6	46M4D7W--	5.8	-70.9	4.1	-72.6	10
7	1M02D7W--	-10.8	-70.9	-12.5	-72.6	10

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

13C Remarks

BR7a/BR7b Group id. 34	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE

C2a1 Assigned frequency										
10.95	GHz									
A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1 464MD7W--	15.8	-70.9	14.1	-72.6		16				
2 232MD7W--	12.8	-70.9	11	-72.6		16				
3 185MD7W--	11.8	-70.9	10.1	-72.6		16				
4 116MD7W--	9.8	-70.9	8	-72.6		16				
5 92M7D7W--	8.8	-70.9	7.1	-72.6		16				
6 46M4D7W--	5.8	-70.9	4.1	-72.6		16				
7 1M02D7W--	-10.8	-70.9	-12.5	-72.6		16				

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	41	1.4	196	1.15	

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA279 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	35	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency													
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.			
A13 Ref. to Special Sections		1 API/A/9509	2	3	4	5	6	7	8	9	10		
		464MD7W--	232MD7W--	185MD7W--	116MD7W--	92M7D7W--	46M4D7W--	1M02D7W--	15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	18 18 18 18 18 18 18

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	194	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA279 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER		C3a Assigned freq. band 500000										
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle								
C8d1 Max. tot. peak pwr. 18.8		C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram								
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	E F G LIE									
C2a1 Assigned frequency												
10.95 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		2 2 2 2 2 2 2		
C10b1 Assoc. earth station id. SE-A		C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtht	C10d6 Noise temp.	C10d7 Ant. diameter		
						1 TR 2 TK 3 TC	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-A		Co-polar ref. pattern AP8		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks												
BR7a/BR7b Group id. 195			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER		C3a Assigned freq. band 500000										
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle								
C8d1 Max. tot. peak pwr. 18.8		C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.		C11a2 Service area XR1 XR3								C11a3 Service area diagram		
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region								

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA279 E

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F
--------------------------------	------	---	-----------	------	---

C2a1 Assigned frequency											
10.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	15.8	-70.9	14.1	-72.6	3		
		2 232MD7W--		12.8	-70.9	11		-72.6	3		
		3 185MD7W--		11.8	-70.9	10.1		-72.6	3		
		4 116MD7W--		9.8	-70.9	8		-72.6	3		
		5 92M7D7W--		8.8	-70.9	7.1		-72.6	3		
		6 46M4D7W--		5.8	-70.9	4.1		-72.6	3		
		7 1M02D7W--		-10.8	-70.9	-12.5		-72.6	3		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	196	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739			
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd	
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000		
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F

C2a1 Assigned frequency											
10.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	15.8	-70.9	14.1	-72.6	5		
		2 232MD7W--		12.8	-70.9	11		-72.6	5		
		3 185MD7W--		11.8	-70.9	10.1		-72.6	5		
		4 116MD7W--		9.8	-70.9	8		-72.6	5		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																													
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																														
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA279	E																												
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>8.8</td><td>-70.9</td><td>7.1</td><td>-72.6</td><td></td><td>5</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>5.8</td><td>-70.9</td><td>4.1</td><td>-72.6</td><td></td><td>5</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-10.8</td><td>-70.9</td><td>-12.5</td><td>-72.6</td><td></td><td>5</td><td></td></tr> </table>									5	92M7D7W--	8.8	-70.9	7.1	-72.6		5		6	46M4D7W--	5.8	-70.9	4.1	-72.6		5		7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		5	
5	92M7D7W--	8.8	-70.9	7.1	-72.6		5																												
6	46M4D7W--	5.8	-70.9	4.1	-72.6		5																												
7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		5																												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-C	T			1 TR 2 TK 3 TC	33	3.5	439	0.46																											
C10d5a Co-polar antenna pattern																																			
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																												
SE-C	AP8																																		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																														
13C Remarks																																			
BR7a/BR7b Group id. 197			BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																															
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																															
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																														
BR14 Special Section	CR/D/2880	CR/C/3739																																	
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd																														
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																														
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000																																	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram																																
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4			C11b Affected region																														
A5/A6 Coordinations/Agreements 9.12 Q E F G LIE 9.7B F																																			
C2a1 Assigned frequency																																			
10.95 GHz																																			
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																								
				1 464MD7W--	15.8	-70.9	14.1	-72.6		8																									
				2 232MD7W--	12.8	-70.9	11	-72.6		8																									
				3 185MD7W--	11.8	-70.9	10.1	-72.6		8																									
				4 116MD7W--	9.8	-70.9	8	-72.6		8																									
				5 92M7D7W--	8.8	-70.9	7.1	-72.6		8																									
				6 46M4D7W--	5.8	-70.9	4.1	-72.6		8																									
				7 1M02D7W--	-10.8	-70.9	-12.5	-72.6		8																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58																											

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA279 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 198	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	

C2a1 Assigned frequency											
10.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
1 464MD7W--		15.8		-70.9		14.1		-72.6		10	
2 232MD7W--		12.8		-70.9		11		-72.6		10	
3 185MD7W--		11.8		-70.9		10.1		-72.6		10	
4 116MD7W--		9.8		-70.9		8		-72.6		10	
5 92M7D7W--		8.8		-70.9		7.1		-72.6		10	
6 46M4D7W--		5.8		-70.9		4.1		-72.6		10	
7 1M02D7W--		-10.8		-70.9		-12.5		-72.6		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 199	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA279 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.	C11a2 Service area XR1 XR3				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region										
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	E F G LIE									
C2a1 Assigned frequency												
10.95 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	16 16 16 16 16 16 16			
C10b1 Assoc. earth station id. SE-F	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
					1 TR 2 TK 3 TC	41	1.4	196	1.15			
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-F	Co-polar ref. pattern AP8	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review					
13C Remarks												
BR7a/BR7b Group id. 200			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.	C11a2 Service area XR1 XR3										C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region										

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA279 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
10.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		15.8	-70.9	14.1		-72.6		18	
		2 232MD7W--		12.8	-70.9	11		-72.6		18	
		3 185MD7W--		11.8	-70.9	10.1		-72.6		18	
		4 116MD7W--		9.8	-70.9	8		-72.6		18	
		5 92M7D7W--		8.8	-70.9	7.1		-72.6		18	
		6 46M4D7W--		5.8	-70.9	4.1		-72.6		18	
		7 1M02D7W--		-10.8	-70.9	-12.5		-72.6		18	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G	T				1 TR 2 TK 3 TC	OT CR	44	1	196	1.63	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-G	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision			13B2 Remarks	13B3 Date of Review				
13C Remarks											

BR7a/BR7b Group id.	257	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd							
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle							
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000								
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		15.8	-70.9	14.1		-72.6		2	
		2 232MD7W--		12.8	-70.9	11		-72.6		2	
		3 185MD7W--		11.8	-70.9	10.1		-72.6		2	
		4 116MD7W--		9.8	-70.9	8		-72.6		2	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																													
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																														
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.			DA279	E																												
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>8.8</td> <td>-70.9</td> <td>7.1</td> <td>-72.6</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>5.8</td> <td>-70.9</td> <td>4.1</td> <td>-72.6</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-10.8</td> <td>-70.9</td> <td>-12.5</td> <td>-72.6</td> <td></td> <td>2</td> <td></td> </tr> </table>									5	92M7D7W--	8.8	-70.9	7.1	-72.6		2		6	46M4D7W--	5.8	-70.9	4.1	-72.6		2		7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		2	
5	92M7D7W--	8.8	-70.9	7.1	-72.6		2																												
6	46M4D7W--	5.8	-70.9	4.1	-72.6		2																												
7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		2																												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-A	T			1 TR 2 TK 3 TC	27	6.9	439	0.23																											
C10d5a Co-polar antenna pattern																																			
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																												
SE-A	AP8																																		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																														
13C Remarks																																			
BR7a/BR7b Group id.	258	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																															
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49																													
BR14 Special Section	CR/D/2880	CR/C/3739																																	
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																															
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																														
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000																																	
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram																																
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region																																
A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE																															
C2a1 Assigned frequency																																			
11.45 GHz																																			
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																								
		1 464MD7W--		15.8	-70.9	14.1		-72.6		3																									
		2 232MD7W--		12.8	-70.9	11		-72.6		3																									
		3 185MD7W--		11.8	-70.9	10.1		-72.6		3																									
		4 116MD7W--		9.8	-70.9	8		-72.6		3																									
		5 92M7D7W--		8.8	-70.9	7.1		-72.6		3																									
		6 46M4D7W--		5.8	-70.9	4.1		-72.6		3																									
		7 1M02D7W--		-10.8	-70.9	-12.5		-72.6		3																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-B	T			1 TR 2 TK 3 TC	31	4.4	439	0.36																											

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA279 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	259	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		API/A/9509		1	464MD7W--	15.8	-70.9	14.1		-72.6	5
				2	232MD7W--	12.8	-70.9	11		-72.6	5
				3	185MD7W--	11.8	-70.9	10.1		-72.6	5
				4	116MD7W--	9.8	-70.9	8		-72.6	5
				5	92M7D7W--	8.8	-70.9	7.1		-72.6	5
				6	46M4D7W--	5.8	-70.9	4.1		-72.6	5
				7	1M02D7W--	-10.8	-70.9	-12.5		-72.6	5

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	260	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DA279 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE												
C2a1 Assigned frequency 11.45 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		8 8 8 8 8 8 8		
C10b1 Assoc. earth station id. SE-D	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
					1 TR 2 TK 3 TC	35	2.8	374	0.58			
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks												
BR7a/BR7b Group id. 261			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739									
C4a Class of station EC EK ER	C3a Assigned freq. band 500000									B4b5 Peak of pfd		
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2										C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA279 E

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F
--------------------------------	------	---	-----------	------	---

C2a1 Assigned frequency												
11.45	GHz	C7a Design. of emission			C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1	464MD7W--		15.8	-70.9	14.1		-72.6		10	
		2	232MD7W--		12.8	-70.9	11		-72.6		10	
		3	185MD7W--		11.8	-70.9	10.1		-72.6		10	
		4	116MD7W--		9.8	-70.9	8		-72.6		10	
		5	92M7D7W--		8.8	-70.9	7.1		-72.6		10	
		6	46M4D7W--		5.8	-70.9	4.1		-72.6		10	
		7	1M02D7W--		-10.8	-70.9	-12.5		-72.6		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	262	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739			
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd	
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000		
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F

C2a1 Assigned frequency												
11.45	GHz	C7a Design. of emission			C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections	API/A/9509	1	464MD7W--		15.8	-70.9	14.1		-72.6		16	
		2	232MD7W--		12.8	-70.9	11		-72.6		16	
		3	185MD7W--		11.8	-70.9	10.1		-72.6		16	
		4	116MD7W--		9.8	-70.9	8		-72.6		16	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																																																											
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																												
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA279 E																																																																											
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td><td>8.8</td><td>-70.9</td><td>7.1</td><td>-72.6</td><td></td><td>16</td><td></td><td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td><td>5.8</td><td>-70.9</td><td>4.1</td><td>-72.6</td><td></td><td>16</td><td></td><td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td><td>-10.8</td><td>-70.9</td><td>-12.5</td><td>-72.6</td><td></td><td>16</td><td></td><td></td> </tr> </table>										5	92M7D7W--	8.8	-70.9	7.1	-72.6		16			6	46M4D7W--	5.8	-70.9	4.1	-72.6		16			7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		16																																												
5	92M7D7W--	8.8	-70.9	7.1	-72.6		16																																																																										
6	46M4D7W--	5.8	-70.9	4.1	-72.6		16																																																																										
7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		16																																																																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																								
SE-F	T				1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15																																																																							
C10d5a Co-polar antenna pattern																																																																																	
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																										
SE-F	AP8																																																																																
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																																												
13C Remarks																																																																																	
BR7a/BR7b Group id.	263	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																																														
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																																													
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																																												
BR14 Special Section	CR/D/2880	CR/C/3739																																																																															
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd																																																																											
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle																																																																											
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000																																																																														
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram																																																																													
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region																																																																													
A5/A6 Coordinations/Agreements	9.12	Q		E F G LIE																																																																													
C2a1 Assigned frequency																																																																																	
11.45 GHz																																																																																	
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																																			
API/A/9509		<table border="1"> <tr> <td>1</td><td>464MD7W--</td><td>15.8</td><td>-70.9</td><td>14.1</td><td></td><td>-72.6</td><td></td><td>18</td><td></td> </tr> <tr> <td>2</td><td>232MD7W--</td><td>12.8</td><td>-70.9</td><td>11</td><td></td><td>-72.6</td><td></td><td>18</td><td></td> </tr> <tr> <td>3</td><td>185MD7W--</td><td>11.8</td><td>-70.9</td><td>10.1</td><td></td><td>-72.6</td><td></td><td>18</td><td></td> </tr> <tr> <td>4</td><td>116MD7W--</td><td>9.8</td><td>-70.9</td><td>8</td><td></td><td>-72.6</td><td></td><td>18</td><td></td> </tr> <tr> <td>5</td><td>92M7D7W--</td><td>8.8</td><td>-70.9</td><td>7.1</td><td></td><td>-72.6</td><td></td><td>18</td><td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td><td>5.8</td><td>-70.9</td><td>4.1</td><td></td><td>-72.6</td><td></td><td>18</td><td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td><td>-10.8</td><td>-70.9</td><td>-12.5</td><td></td><td>-72.6</td><td></td><td>18</td><td></td> </tr> </table>		1	464MD7W--	15.8	-70.9	14.1		-72.6		18		2	232MD7W--	12.8	-70.9	11		-72.6		18		3	185MD7W--	11.8	-70.9	10.1		-72.6		18		4	116MD7W--	9.8	-70.9	8		-72.6		18		5	92M7D7W--	8.8	-70.9	7.1		-72.6		18		6	46M4D7W--	5.8	-70.9	4.1		-72.6		18		7	1M02D7W--	-10.8	-70.9	-12.5		-72.6		18									
1	464MD7W--	15.8	-70.9	14.1		-72.6		18																																																																									
2	232MD7W--	12.8	-70.9	11		-72.6		18																																																																									
3	185MD7W--	11.8	-70.9	10.1		-72.6		18																																																																									
4	116MD7W--	9.8	-70.9	8		-72.6		18																																																																									
5	92M7D7W--	8.8	-70.9	7.1		-72.6		18																																																																									
6	46M4D7W--	5.8	-70.9	4.1		-72.6		18																																																																									
7	1M02D7W--	-10.8	-70.9	-12.5		-72.6		18																																																																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																								
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																																																																							

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA279 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review			
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 320	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q E F G LIE 9.7B F			

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
A13 Ref. to Special Sections API/A/9509		1 464MD7W--		15.8	-70.9	14.1		-72.6		2	
		2 232MD7W--		12.8	-70.9	11		-72.6		2	
		3 185MD7W--		11.8	-70.9	10.1		-72.6		2	
		4 116MD7W--		9.8	-70.9	8		-72.6		2	
		5 92M7D7W--		8.8	-70.9	7.1		-72.6		2	
		6 46M4D7W--		5.8	-70.9	4.1		-72.6		2	
		7 1M02D7W--		-10.8	-70.9	-12.5		-72.6		2	

C10b1 Assoc. earth station id. SE-A	C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
				1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review			
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 321	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DA279 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR1 XR3				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE												
C2a1 Assigned frequency 11.45 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		15.8	-70.9	14.1		-72.6		3		
		2 232MD7W--		12.8	-70.9	11		-72.6		3		
		3 185MD7W--		11.8	-70.9	10.1		-72.6		3		
		4 116MD7W--		9.8	-70.9	8		-72.6		3		
		5 92M7D7W--		8.8	-70.9	7.1		-72.6		3		
		6 46M4D7W--		5.8	-70.9	4.1		-72.6		3		
		7 1M02D7W--		-10.8	-70.9	-12.5		-72.6		3		
C10b1 Assoc. earth station id. SE-B	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
					1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36		
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-B	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.	
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks												
BR7a/BR7b Group id. 322			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR1 XR3										C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA279 E

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F
--------------------------------	------	---	-----------	------	---

C2a1 Assigned frequency											
11.45	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	15.8	-70.9	14.1	-72.6	5	5	5
2 232MD7W--		2	12.8	-70.9	11	-72.6	5	5	5	5	5
3 185MD7W--		3	11.8	-70.9	10.1	-72.6	5	5	5	5	5
4 116MD7W--		4	9.8	-70.9	8	-72.6	5	5	5	5	5
5 92M7D7W--		5	8.8	-70.9	7.1	-72.6	5	5	5	5	5
6 46M4D7W--		6	5.8	-70.9	4.1	-72.6	5	5	5	5	5
7 1M02D7W--		7	-10.8	-70.9	-12.5	-72.6	5	5	5	5	5

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-C	T			1 TR 2 TK 3 TC	OT CR	33	3.5	439	0.46	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	323	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739			
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd	
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000		
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F

C2a1 Assigned frequency											
11.45	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	15.8	-70.9	14.1	-72.6	8	8	8
2 232MD7W--		2	12.8	-70.9	11	-72.6	8	8	8	8	8
3 185MD7W--		3	11.8	-70.9	10.1	-72.6	8	8	8	8	8
4 116MD7W--		4	9.8	-70.9	8	-72.6	8	8	8	8	8

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																																																										
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																											
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA279 E																																																																										
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>8.8</td><td>-70.9</td><td>7.1</td><td>-72.6</td><td></td><td>8</td><td></td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>5.8</td><td>-70.9</td><td>4.1</td><td>-72.6</td><td></td><td>8</td><td></td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-10.8</td><td>-70.9</td><td>-12.5</td><td>-72.6</td><td></td><td>8</td><td></td><td></td></tr> </table>										5	92M7D7W--	8.8	-70.9	7.1	-72.6		8			6	46M4D7W--	5.8	-70.9	4.1	-72.6		8			7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		8																																											
5	92M7D7W--	8.8	-70.9	7.1	-72.6		8																																																																									
6	46M4D7W--	5.8	-70.9	4.1	-72.6		8																																																																									
7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		8																																																																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																							
SE-D	T				1 TR 2 TK 3 TC	35	2.8	374	0.58																																																																							
C10d5a Co-polar antenna pattern																																																																																
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																									
SE-D	AP8																																																																															
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																																											
13C Remarks																																																																																
BR7a/BR7b Group id.	324	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																																													
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																																												
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																																											
BR14 Special Section	CR/D/2880	CR/C/3739																																																																														
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																																																																												
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																																																																											
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000																																																																														
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram																																																																													
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region																																																																													
A5/A6 Coordinations/Agreements	9.12	Q		E F G LIE																																																																												
C2a1 Assigned frequency																																																																																
11.45 GHz																																																																																
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																																					
API/A/9509		<table border="1"> <tr><td>1</td><td>464MD7W--</td><td>15.8</td><td>-70.9</td><td>14.1</td><td>-72.6</td><td></td><td>10</td><td></td><td></td></tr> <tr><td>2</td><td>232MD7W--</td><td>12.8</td><td>-70.9</td><td>11</td><td>-72.6</td><td></td><td>10</td><td></td><td></td></tr> <tr><td>3</td><td>185MD7W--</td><td>11.8</td><td>-70.9</td><td>10.1</td><td>-72.6</td><td></td><td>10</td><td></td><td></td></tr> <tr><td>4</td><td>116MD7W--</td><td>9.8</td><td>-70.9</td><td>8</td><td>-72.6</td><td></td><td>10</td><td></td><td></td></tr> <tr><td>5</td><td>92M7D7W--</td><td>8.8</td><td>-70.9</td><td>7.1</td><td>-72.6</td><td></td><td>10</td><td></td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>5.8</td><td>-70.9</td><td>4.1</td><td>-72.6</td><td></td><td>10</td><td></td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-10.8</td><td>-70.9</td><td>-12.5</td><td>-72.6</td><td></td><td>10</td><td></td><td></td></tr> </table>		1	464MD7W--	15.8	-70.9	14.1	-72.6		10			2	232MD7W--	12.8	-70.9	11	-72.6		10			3	185MD7W--	11.8	-70.9	10.1	-72.6		10			4	116MD7W--	9.8	-70.9	8	-72.6		10			5	92M7D7W--	8.8	-70.9	7.1	-72.6		10			6	46M4D7W--	5.8	-70.9	4.1	-72.6		10			7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		10									
1	464MD7W--	15.8	-70.9	14.1	-72.6		10																																																																									
2	232MD7W--	12.8	-70.9	11	-72.6		10																																																																									
3	185MD7W--	11.8	-70.9	10.1	-72.6		10																																																																									
4	116MD7W--	9.8	-70.9	8	-72.6		10																																																																									
5	92M7D7W--	8.8	-70.9	7.1	-72.6		10																																																																									
6	46M4D7W--	5.8	-70.9	4.1	-72.6		10																																																																									
7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		10																																																																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																							
SE-E	T				1 TR 2 TK 3 TC	39	1.7	374	0.92																																																																							

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA279 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	325	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		API/A/9509		1	464MD7W--	15.8	-70.9	14.1		-72.6	16
				2	232MD7W--	12.8	-70.9	11		-72.6	16
				3	185MD7W--	11.8	-70.9	10.1		-72.6	16
				4	116MD7W--	9.8	-70.9	8		-72.6	16
				5	92M7D7W--	8.8	-70.9	7.1		-72.6	16
				6	46M4D7W--	5.8	-70.9	4.1		-72.6	16
				7	1M02D7W--	-10.8	-70.9	-12.5		-72.6	16

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-F	T			1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	326	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA279 E					
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER		C3a Assigned freq. band 500000		B4b5 Peak of pfd							
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle							
C8d1 Max. tot. peak pwr. 18.8		C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram							
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	E F G LIE								
C2a1 Assigned frequency											
11.45 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--	15.8	-70.9	14.1		-72.6		18		
		2 232MD7W--	12.8	-70.9	11		-72.6		18		
		3 185MD7W--	11.8	-70.9	10.1		-72.6		18		
		4 116MD7W--	9.8	-70.9	8		-72.6		18		
		5 92M7D7W--	8.8	-70.9	7.1		-72.6		18		
		6 46M4D7W--	5.8	-70.9	4.1		-72.6		18		
		7 1M02D7W--	-10.8	-70.9	-12.5		-72.6		18		
C10b1 Assoc. earth station id. SE-G		C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
			1 TR	OT	44	1	196	1.63			
			2 TK	OT							
			3 TC	CR							
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-G		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks											
B1a/BR17 Beam designation DA299		B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 29.9							
B2bis.a Transmit only when visible from notified service area Y			B2bis.b Min. Elev. Angle 2								
B3c1 Co-polar antenna pattern											
Co-polar ref. pattern REC-1528	Coef. A	Coef. B				Co-polar rad. diag.					
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag.	1	B4b3 Spreading loss data	2						
BR92 Attach. for missing angle alpha/beta	5										
B4b4a Max. E.I.R.P. at 4kHz	-7.9	B4b4b Average E.I.R.P. at 4kHz	-7.9	B4b4c Max. E.I.R.P. at 1MHz	16.1	B4b4d Average E.I.R.P. at 1MHz	16.1				
BR7a/BR7b Group id.	22	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4							

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no. DA299 E

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC EK ER

C3a Assigned freq. band 500000

B4b5 Peak of pfd

C4b Nature of service

CR OT OT

C6a Polarization type M

C6b Polarization angle

C8d1 Max. tot. peak pwr.

17

C8d2 Contiguous bandwidth 1000000

C11a1 Service area no.

C11a2 Service area XR2

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE												
	9.7B	F													

C2a1 Assigned frequency

10.95 GHz	A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.
API/A/9509		1 464MD7W--	14	-72.6	12.1		-74.6		2	
		2 232MD7W--	11	-72.6	9		-74.6		2	
		3 185MD7W--	10	-72.6	8.1		-74.6		2	
		4 116MD7W--	8	-72.6	6		-74.6		2	
		5 92M7D7W--	7	-72.6	5.1		-74.6		2	
		6 46M4D7W--	4	-72.6	2.1		-74.6		2	
		7 1M02D7W--	-12.6	-72.6	-14.5		-74.6		2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id.	23	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11b Affected region	C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA299 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE								
C2a1 Assigned frequency												
10.95	GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1 464MD7W--	14	-72.6	12.1		-74.6		3			
		2 232MD7W--	11	-72.6	9		-74.6		3			
		3 185MD7W--	10	-72.6	8.1		-74.6		3			
		4 116MD7W--	8	-72.6	6		-74.6		3			
		5 92M7D7W--	7	-72.6	5.1		-74.6		3			
		6 46M4D7W--	4	-72.6	2.1		-74.6		3			
		7 1M02D7W--	-12.6	-72.6	-14.5		-74.6		3			
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-B		T				1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36	
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-B		AP8										
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks												
BR7a/BR7b Group id.		24	BR1 Date of receipt 27.12.2014		C2c RR No. 4.4							
A2b Period of valid.		50	A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b					
BR62 Expiry date for bringing into use		27.06.2021	BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49					
BR14 Special Section		CR/D/2880		CR/C/3739								
C4a Class of station		EC	EK	ER	C3a Assigned freq. band 500000				B4b5 Peak of pfd			
C4b Nature of service		CR	OT	OT	C6a Polarization type M		C6b Polarization angle					
C8d1 Max. tot. peak pwr.		17	C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.			C11a2 Service area XR2						C11a3 Service area diagram			
C9c1 Type of multiple access		3	C9c2 Spectrum mask diagram 4		C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE								
C2a1 Assigned frequency												
10.95	GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1 464MD7W--	14	-72.6	12.1		-74.6		5			
		2 232MD7W--	11	-72.6	9		-74.6		5			
		3 185MD7W--	10	-72.6	8.1		-74.6		5			

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299 E

4	116MD7W--	8	-72.6	6	-74.6	5
5	92M7D7W--	7	-72.6	5.1	-74.6	5
6	46M4D7W--	4	-72.6	2.1	-74.6	5
7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	5

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtht	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	33	3.5	439	0.46	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

13C Remarks	
-------------	--

BR7a/BR7b Group id. 25	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	
9.7B			

C2a1 Assigned frequency										
10.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	14 11 10 8 7 4 -12.6	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	12.1 9 8.1 6 5.1 2.1 -14.5		-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		8 8 8 8 8 8 8		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtht	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 26	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	

C2a1 Assigned frequency											
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
A13 Ref. to Special Sections API/A/9509		1 464MD7W--		14	-72.6	12.1		-74.6		10	
		2 232MD7W--		11	-72.6	9		-74.6		10	
		3 185MD7W--		10	-72.6	8.1		-74.6		10	
		4 116MD7W--		8	-72.6	6		-74.6		10	
		5 92M7D7W--		7	-72.6	5.1		-74.6		10	
		6 46M4D7W--		4	-72.6	2.1		-74.6		10	
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 27	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE												
C2a1 Assigned frequency 10.95 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		14	-72.6	12.1		-74.6		16		
		2 232MD7W--		11	-72.6	9		-74.6		16		
		3 185MD7W--		10	-72.6	8.1		-74.6		16		
		4 116MD7W--		8	-72.6	6		-74.6		16		
		5 92M7D7W--		7	-72.6	5.1		-74.6		16		
		6 46M4D7W--		4	-72.6	2.1		-74.6		16		
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6		16		
C10b1 Assoc. earth station id. SE-F	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
					1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15		
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-F	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.	
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks												
BR7a/BR7b Group id. 28			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2										C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO				
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299	E			
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F	E F G LIE						
C2a1 Assigned frequency										
10.95	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1	464MD7W--	14	-72.6	12.1		-74.6	18	
		2	232MD7W--	11	-72.6	9		-74.6	18	
		3	185MD7W--	10	-72.6	8.1		-74.6	18	
		4	116MD7W--	8	-72.6	6		-74.6	18	
		5	92M7D7W--	7	-72.6	5.1		-74.6	18	
		6	46M4D7W--	4	-72.6	2.1		-74.6	18	
		7	1M02D7W--	-12.6	-72.6	-14.5		-74.6	18	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T				1 TR 2 TK 3 TC	OT CR	44	1	196	1.63
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-G	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks		13B3 Date of Review				
13C Remarks										

BR7a/BR7b Group id.	201	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd							
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle							
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F	E F G LIE						
C2a1 Assigned frequency										
10.95	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1	464MD7W--	14	-72.6	12.1		-74.6	2	
		2	232MD7W--	11	-72.6	9		-74.6	2	
		3	185MD7W--	10	-72.6	8.1		-74.6	2	
		4	116MD7W--	8	-72.6	6		-74.6	2	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299 E

5	92M7D7W--	7	-72.6	5.1	-74.6	2
6	46M4D7W--	4	-72.6	2.1	-74.6	2
7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	2

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	27	6.9	439	0.23	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	202	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000
C4b Nature of service	CR	OT	OT	C6a Polarization type M
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000		C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency										
10.95	GHz									
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--		14	-72.6	12.1			-74.6		3	
2 232MD7W--		11	-72.6	9			-74.6		3	
3 185MD7W--		10	-72.6	8.1			-74.6		3	
4 116MD7W--		8	-72.6	6			-74.6		3	
5 92M7D7W--		7	-72.6	5.1			-74.6		3	
6 46M4D7W--		4	-72.6	2.1			-74.6		3	
7 1M02D7W--		-12.6	-72.6	-14.5			-74.6		3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	31	4.4	439	0.36	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 203	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	
9.7B			

C2a1 Assigned frequency											
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
A13 Ref. to Special Sections API/A/9509											
1 464MD7W--				14		-72.6		12.1		-74.6	
2 232MD7W--				11		-72.6		9		-74.6	
3 185MD7W--				10		-72.6		8.1		-74.6	
4 116MD7W--				8		-72.6		6		-74.6	
5 92M7D7W--				7		-72.6		5.1		-74.6	
6 46M4D7W--				4		-72.6		2.1		-74.6	
7 1M02D7W--				-12.6		-72.6		-14.5		-74.6	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 204	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO											
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/												
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299 E											
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49											
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd											
C4a Class of station EC EK ER			C3a Assigned freq. band 500000														
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle											
C8d1 Max. tot. peak pwr. 17			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR1 XR3			C11a3 Service area diagram											
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F E F G LIE														
C2a1 Assigned frequency																	
10.95 GHz																	
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
		1 464MD7W--	14		-72.6		12.1			-74.6		8					
		2 232MD7W--	11		-72.6		9			-74.6		8					
		3 185MD7W--	10		-72.6		8.1			-74.6		8					
		4 116MD7W--	8		-72.6		6			-74.6		8					
		5 92M7D7W--	7		-72.6		5.1			-74.6		8					
		6 46M4D7W--	4		-72.6		2.1			-74.6		8					
		7 1M02D7W--	-12.6		-72.6		-14.5			-74.6		8					
C10b1 Assoc. earth station id. SE-D		C10b2 Type T		C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
							1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58					
C10d5a Co-polar antenna pattern																	
C10b1 Assoc. earth station id. SE-D		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.				
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review							
13C Remarks																	
BR7a/BR7b Group id. 205			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4											
A2b Period of valid. 50			A3a Op. agency 084			A3b Adm. resp. A			BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880			CR/C/3739														
C4a Class of station EC EK ER			C3a Assigned freq. band 500000						B4b5 Peak of pfd								
C4b Nature of service CR OT OT			C6a Polarization type M						C6b Polarization angle								
C8d1 Max. tot. peak pwr. 17			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR1 XR3						C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299 E

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F
--------------------------------	------	---	-----------	------	---

C2a1 Assigned frequency											
10.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	14	-72.6	12.1	-74.6		10	
2 232MD7W--		2	232MD7W--	11	-72.6	9	-74.6		10		
3 185MD7W--		3	185MD7W--	10	-72.6	8.1	-74.6		10		
4 116MD7W--		4	116MD7W--	8	-72.6	6	-74.6		10		
5 92M7D7W--		5	92M7D7W--	7	-72.6	5.1	-74.6		10		
6 46M4D7W--		6	46M4D7W--	4	-72.6	2.1	-74.6		10		
7 1M02D7W--		7	1M02D7W--	-12.6	-72.6	-14.5	-74.6		10		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	206	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739			
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd	
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth	1000000		
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F

C2a1 Assigned frequency											
10.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	14	-72.6	12.1	-74.6		16	
2 232MD7W--		2	232MD7W--	11	-72.6	9	-74.6		16		
3 185MD7W--		3	185MD7W--	10	-72.6	8.1	-74.6		16		
4 116MD7W--		4	116MD7W--	8	-72.6	6	-74.6		16		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299 E																																	
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td><td>7</td><td>-72.6</td><td>5.1</td><td>-74.6</td><td>16</td><td></td><td></td><td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td><td>4</td><td>-72.6</td><td>2.1</td><td>-74.6</td><td>16</td><td></td><td></td><td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td><td>-12.6</td><td>-72.6</td><td>-14.5</td><td>-74.6</td><td>16</td><td></td><td></td><td></td> </tr> </table>										5	92M7D7W--	7	-72.6	5.1	-74.6	16				6	46M4D7W--	4	-72.6	2.1	-74.6	16				7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	16			
5	92M7D7W--	7	-72.6	5.1	-74.6	16																																	
6	46M4D7W--	4	-72.6	2.1	-74.6	16																																	
7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	16																																	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-F	T				1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15																													
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-F	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.		207	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021		BR63 Confirmed date of bringing into use							BR64 Date of receipt of 1st Res49																													
BR14 Special Section	CR/D/2880			CR/C/3739							B4b5 Peak of pfd																												
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																																			
C4b Nature of service	CR	OT	OT	C6a Polarization type M							C6b Polarization angle																												
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000																																					
C11a1 Service area no.		C11a2 Service area XR1 XR3								C11a3 Service area diagram																													
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																			
A5/A6 Coordinations/Agreements		9.12	Q	E F G LIE	F																																		
C2a1 Assigned frequency																																							
10.95 GHz																																							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																									
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		14 11 10 8 7 4 -12.6		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		12.1 9 8.1 6 5.1 2.1 -14.5			-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		18 18 18 18 18 18 18																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																													

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review			
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 250	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509		1 464MD7W--		14	-72.6	12.1		-74.6		2	
		2 232MD7W--		11	-72.6	9		-74.6		2	
		3 185MD7W--		10	-72.6	8.1		-74.6		2	
		4 116MD7W--		8	-72.6	6		-74.6		2	
		5 92M7D7W--		7	-72.6	5.1		-74.6		2	
		6 46M4D7W--		4	-72.6	2.1		-74.6		2	
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6		2	

C10b1 Assoc. earth station id. SE-A	C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwthd	C10d6 Noise temp.	C10d7 Ant. diameter	
				1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review			
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 251	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO											
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/												
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299 E											
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49											
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd											
C4a Class of station EC EK ER			C3a Assigned freq. band 500000														
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle											
C8d1 Max. tot. peak pwr. 17			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR2			C11a3 Service area diagram											
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F E F G LIE														
C2a1 Assigned frequency																	
11.45 GHz																	
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
		1 464MD7W--	2 232MD7W--	3 185MD7W--	4 116MD7W--	5 92M7D7W--	6 46M4D7W--	7 1M02D7W--	14	-72.6	12.1	-74.6	3				
								11	-72.6	9	-74.6	3					
								10	-72.6	8.1	-74.6	3					
								8	-72.6	6	-74.6	3					
								7	-72.6	5.1	-74.6	3					
								4	-72.6	2.1	-74.6	3					
								-12.6	-72.6	-14.5	-74.6	3					
C10b1 Assoc. earth station id. SE-B		C10b2 Type T		C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
							1 TR	OT	31	4.4	439	0.36					
							2 TK	OT									
							3 TC	CR									
C10d5a Co-polar antenna pattern																	
C10b1 Assoc. earth station id. SE-B		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.				
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review							
13C Remarks																	
BR7a/BR7b Group id. 252			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4											
A2b Period of valid. 50			A3a Op. agency 084			A3b Adm. resp. A			BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880			CR/C/3739														
C4a Class of station EC EK ER			C3a Assigned freq. band 500000						B4b5 Peak of pfd								
C4b Nature of service CR OT OT			C6a Polarization type M						C6b Polarization angle								
C8d1 Max. tot. peak pwr. 17			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR2						C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299 E

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F
--------------------------------	------	---	-----------	------	---

C2a1 Assigned frequency											
11.45	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	14	-72.6	12.1	-74.6		5	
2 232MD7W--		2	232MD7W--	11	-72.6	9	-74.6		5		
3 185MD7W--		3	185MD7W--	10	-72.6	8.1	-74.6		5		
4 116MD7W--		4	116MD7W--	8	-72.6	6	-74.6		5		
5 92M7D7W--		5	92M7D7W--	7	-72.6	5.1	-74.6		5		
6 46M4D7W--		6	46M4D7W--	4	-72.6	2.1	-74.6		5		
7 1M02D7W--		7	1M02D7W--	-12.6	-72.6	-14.5	-74.6		5		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	253	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739			
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd	
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth	1000000		
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F

C2a1 Assigned frequency											
11.45	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	14	-72.6	12.1	-74.6		8	
2 232MD7W--		2	232MD7W--	11	-72.6	9	-74.6		8		
3 185MD7W--		3	185MD7W--	10	-72.6	8.1	-74.6		8		
4 116MD7W--		4	116MD7W--	8	-72.6	6	-74.6		8		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299 E																																	
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td><td>7</td><td>-72.6</td><td>5.1</td><td>-74.6</td><td>8</td><td></td><td></td><td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td><td>4</td><td>-72.6</td><td>2.1</td><td>-74.6</td><td>8</td><td></td><td></td><td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td><td>-12.6</td><td>-72.6</td><td>-14.5</td><td>-74.6</td><td>8</td><td></td><td></td><td></td> </tr> </table>										5	92M7D7W--	7	-72.6	5.1	-74.6	8				6	46M4D7W--	4	-72.6	2.1	-74.6	8				7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	8			
5	92M7D7W--	7	-72.6	5.1	-74.6	8																																	
6	46M4D7W--	4	-72.6	2.1	-74.6	8																																	
7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	8																																	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58																														
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-D	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.	254	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																		
BR14 Special Section	CR/D/2880	CR/C/3739																																					
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd																																	
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle																																	
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth		1000000																																			
C11a1 Service area no.		C11a2 Service area		XR2	C11a3 Service area diagram																																		
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region																																		
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE																																		
C2a1 Assigned frequency																																							
11.45 GHz																																							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																									
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		14 11 10 8 7 4 -12.6		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		12.1 9 8.1 6 5.1 2.1 -14.5			-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		10 10 10 10 10 10 10																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92																														

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 255	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	

C2a1 Assigned frequency											
11.45 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
API/A/9509		1 464MD7W--		14	-72.6	12.1		-74.6		16	
		2 232MD7W--		11	-72.6	9		-74.6		16	
		3 185MD7W--		10	-72.6	8.1		-74.6		16	
		4 116MD7W--		8	-72.6	6		-74.6		16	
		5 92M7D7W--		7	-72.6	5.1		-74.6		16	
		6 46M4D7W--		4	-72.6	2.1		-74.6		16	
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6		16	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 256	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO									
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/										
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299 E									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49									
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd									
C4a Class of station EC EK ER			C3a Assigned freq. band 500000												
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle									
C8d1 Max. tot. peak pwr. 17			C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no. C11a2 Service area XR2			C11b Affected region			C11a3 Service area diagram									
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4												
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F E F G LIE												
C2a1 Assigned frequency															
11.45 GHz															
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		14	-72.6	12.1		-74.6		-74.6		18			
		2 232MD7W--		11	-72.6	9		-74.6		-74.6		18			
		3 185MD7W--		10	-72.6	8.1		-74.6		-74.6		18			
		4 116MD7W--		8	-72.6	6		-74.6		-74.6		18			
		5 92M7D7W--		7	-72.6	5.1		-74.6		-74.6		18			
		6 46M4D7W--		4	-72.6	2.1		-74.6		-74.6		18			
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6		-74.6		18			
C10b1 Assoc. earth station id. SE-G		C10b2 Type T		C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain 44	C10d4 Bmwtht 1	C10d6 Noise temp. 196	C10d7 Ant. diameter 1.63			
C10c3		C10c4		C10c5		C10c6	C10c7		C10c8	C10c9	C10c10	C10c11			
C10d5a Co-polar antenna pattern															
C10b1 Assoc. earth station id. SE-G		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.		
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review					
13C Remarks															
BR7a/BR7b Group id. 327			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4									
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49									
BR14 Special Section CR/D/2880			CR/C/3739												
C4a Class of station EC EK ER			C3a Assigned freq. band 500000			B4b5 Peak of pfd									
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle									
C8d1 Max. tot. peak pwr. 17			C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no. C11a2 Service area XR1 XR3			C11b Affected region			C11a3 Service area diagram									
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4												

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO				
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299	E			
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W--	14	-72.6	12.1		-74.6		2	
		2 232MD7W--	11	-72.6	9		-74.6		2	
		3 185MD7W--	10	-72.6	8.1		-74.6		2	
		4 116MD7W--	8	-72.6	6		-74.6		2	
		5 92M7D7W--	7	-72.6	5.1		-74.6		2	
		6 46M4D7W--	4	-72.6	2.1		-74.6		2	
		7 1M02D7W--	-12.6	-72.6	-14.5		-74.6		2	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23	
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-A	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										

BR7a/BR7b Group id.	328	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd							
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle							
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W--	14	-72.6	12.1		-74.6		3	
		2 232MD7W--	11	-72.6	9		-74.6		3	
		3 185MD7W--	10	-72.6	8.1		-74.6		3	
		4 116MD7W--	8	-72.6	6		-74.6		3	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299	E

5	92M7D7W--	7	-72.6	5.1	-74.6	3
6	46M4D7W--	4	-72.6	2.1	-74.6	3
7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	3

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	31	4.4	439	0.36	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	329	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency										
11.45 GHz										
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	464MD7W--		14	-72.6	12.1		-74.6		5	
2	232MD7W--		11	-72.6	9		-74.6		5	
3	185MD7W--		10	-72.6	8.1		-74.6		5	
4	116MD7W--		8	-72.6	6		-74.6		5	
5	92M7D7W--		7	-72.6	5.1		-74.6		5	
6	46M4D7W--		4	-72.6	2.1		-74.6		5	
7	1M02D7W--		-12.6	-72.6	-14.5		-74.6		5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	33	3.5	439	0.46	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA299 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 330	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	
9.7B			

C2a1 Assigned frequency										
11.45 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--			14	-72.6	12.1		-74.6		8	
2 232MD7W--			11	-72.6	9		-74.6		8	
3 185MD7W--			10	-72.6	8.1		-74.6		8	
4 116MD7W--			8	-72.6	6		-74.6		8	
5 92M7D7W--			7	-72.6	5.1		-74.6		8	
6 46M4D7W--			4	-72.6	2.1		-74.6		8	
7 1M02D7W--			-12.6	-72.6	-14.5		-74.6		8	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 331	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.	C11a2 Service area XR1 XR3				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	E F G LIE									
C2a1 Assigned frequency												
11.45 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		14	-72.6	12.1		-74.6		10		
		2 232MD7W--		11	-72.6	9		-74.6		10		
		3 185MD7W--		10	-72.6	8.1		-74.6		10		
		4 116MD7W--		8	-72.6	6		-74.6		10		
		5 92M7D7W--		7	-72.6	5.1		-74.6		10		
		6 46M4D7W--		4	-72.6	2.1		-74.6		10		
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6		10		
C10b1 Assoc. earth station id. SE-E	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
		1 TR	OT	39	1.7	374	0.92					
2	TK	OT										
3	TC	CR										
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-E	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												
BR7a/BR7b Group id. 332			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.	C11a2 Service area XR1 XR3							C11a3 Service area diagram				
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO				
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA299	E			
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W--		14	-72.6	12.1		-74.6	16	
		2 232MD7W--		11	-72.6	9		-74.6	16	
		3 185MD7W--		10	-72.6	8.1		-74.6	16	
		4 116MD7W--		8	-72.6	6		-74.6	16	
		5 92M7D7W--		7	-72.6	5.1		-74.6	16	
		6 46M4D7W--		4	-72.6	2.1		-74.6	16	
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6	16	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15	
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-F	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										

BR7a/BR7b Group id.	333	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd							
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle							
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W--		14	-72.6	12.1		-74.6	18	
		2 232MD7W--		11	-72.6	9		-74.6	18	
		3 185MD7W--		10	-72.6	8.1		-74.6	18	
		4 116MD7W--		8	-72.6	6		-74.6	18	

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																															
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																															
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA299 E																															
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>7</td><td>-72.6</td> <td>5.1</td> <td>-74.6</td> <td></td> <td>18</td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>4</td><td>-72.6</td> <td>2.1</td> <td>-74.6</td> <td></td> <td>18</td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-12.6</td><td>-72.6</td> <td>-14.5</td> <td>-74.6</td> <td></td> <td>18</td> <td></td> </tr> </table>										5	92M7D7W--	7	-72.6	5.1	-74.6		18		6	46M4D7W--	4	-72.6	2.1	-74.6		18		7	1M02D7W--	-12.6	-72.6	-14.5	-74.6		18	
5	92M7D7W--	7	-72.6	5.1	-74.6		18																													
6	46M4D7W--	4	-72.6	2.1	-74.6		18																													
7	1M02D7W--	-12.6	-72.6	-14.5	-74.6		18																													
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																										
C10d5a Co-polar antenna pattern																																				
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																													
SE-G	AP8																																			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																															
13C Remarks																																				
B1a/BR17 Beam designation DA324	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 32.4																																	
B2bis.a Transmit only when visible from notified service area Y		B2bis.b Min. Elev. Angle 2																																		
B3c1 Co-polar antenna pattern																																				
Co-polar ref. pattern	Coef. A	Coef. B					Co-polar rad. diag.																													
REC-1528																																				
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2																																	
BR92 Attach. for missing angle alpha/beta 5																																				
B4b4a Max. E.I.R.P. at 4kHz -8.4	B4b4b Average E.I.R.P. at 4kHz -8.4	B4b4c Max. E.I.R.P. at 1MHz 15.6	B4b4d Average E.I.R.P. at 1MHz 15.6																																	
BR7a/BR7b Group id. 15	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																		
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																	
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																
BR14 Special Section CR/D/2880		CR/C/3739																																		
C4a Class of station EC	EK	ER	C3a Assigned freq. band 500000							B4b5 Peak of pfd																										
C4b Nature of service CR	OT	OT	C6a Polarization type M							C6b Polarization angle																										
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000																																			
C11a1 Service area no.	C11a2 Service area XR2									C11a3 Service area diagram																										
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4									C11b Affected region																										
A5/A6 Coordinations/Agreements 9.12 9.7B Q F E F G LIE																																				
C2a1 Assigned frequency																																				
10.95 GHz																																				
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																									
		1 464MD7W--		11	-75.7	9.6		-77.1		2																										
		2 232MD7W--		8	-75.7	6.5		-77.1		2																										
		3 185MD7W--		7	-75.7	5.6		-77.1		2																										

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324 E

4	116MD7W--	5	-75.7	3.5	-77.1	2		
5	92M7D7W--	4	-75.7	2.6	-77.1	2		
6	46M4D7W--	1	-75.7	-0.4	-77.1	2		
7	1M02D7W--	-15.6	-75.7	-17	-77.1	2		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtht	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	27	6.9	439	0.23	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

13C Remarks

BR7a/BR7b Group id. 16	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE
9.7B		

C2a1 Assigned frequency									
10.95 GHz									
A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--	11	-75.7	9.6	-77.1				3	
2 232MD7W--	8	-75.7	6.5	-77.1				3	
3 185MD7W--	7	-75.7	5.6	-77.1				3	
4 116MD7W--	5	-75.7	3.5	-77.1				3	
5 92M7D7W--	4	-75.7	2.6	-77.1				3	
6 46M4D7W--	1	-75.7	-0.4	-77.1				3	
7 1M02D7W--	-15.6	-75.7	-17	-77.1				3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtht	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	31	4.4	439	0.36	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 17	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	
9.7B			

C2a1 Assigned frequency										
10.95 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--			11	-75.7	9.6		-77.1		5	
2 232MD7W--			8	-75.7	6.5		-77.1		5	
3 185MD7W--			7	-75.7	5.6		-77.1		5	
4 116MD7W--			5	-75.7	3.5		-77.1		5	
5 92M7D7W--			4	-75.7	2.6		-77.1		5	
6 46M4D7W--			1	-75.7	-0.4		-77.1		5	
7 1M02D7W--			-15.6	-75.7	-17		-77.1		5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 18	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DA324 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE												
C2a1 Assigned frequency 10.95 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		11	-75.7	9.6	-77.1		8			
		2 232MD7W--		8	-75.7	6.5	-77.1		8			
		3 185MD7W--		7	-75.7	5.6	-77.1		8			
		4 116MD7W--		5	-75.7	3.5	-77.1		8			
		5 92M7D7W--		4	-75.7	2.6	-77.1		8			
		6 46M4D7W--		1	-75.7	-0.4	-77.1		8			
		7 1M02D7W--		-15.6	-75.7	-17	-77.1		8			
C10b1 Assoc. earth station id. SE-D	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
					1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58		
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.	
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks												
BR7a/BR7b Group id. 19			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR2										C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA324 E

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F
--------------------------------	------	---	-----------	------	---

C2a1 Assigned frequency											
10.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509	1	464MD7W--	11	-75.7	9.6	-77.1		10	
			2	232MD7W--	8	-75.7	6.5	-77.1		10	
			3	185MD7W--	7	-75.7	5.6	-77.1		10	
			4	116MD7W--	5	-75.7	3.5	-77.1		10	
			5	92M7D7W--	4	-75.7	2.6	-77.1		10	
			6	46M4D7W--	1	-75.7	-0.4	-77.1		10	
			7	1M02D7W--	-15.6	-75.7	-17	-77.1		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	20	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49		
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd		
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000			
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle		
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram		
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region		
A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	9.7B	F

C2a1 Assigned frequency											
10.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509	1	464MD7W--	11	-75.7	9.6	-77.1		16	
			2	232MD7W--	8	-75.7	6.5	-77.1		16	
			3	185MD7W--	7	-75.7	5.6	-77.1		16	
			4	116MD7W--	5	-75.7	3.5	-77.1		16	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA324 E																																	
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>4</td><td>-75.7</td> <td>2.6</td> <td>-77.1</td> <td>16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>1</td><td>-75.7</td> <td>-0.4</td> <td>-77.1</td> <td>16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-15.6</td><td>-75.7</td> <td>-17</td> <td>-77.1</td> <td>16</td> <td></td> <td></td> <td></td> </tr> </table>										5	92M7D7W--	4	-75.7	2.6	-77.1	16				6	46M4D7W--	1	-75.7	-0.4	-77.1	16				7	1M02D7W--	-15.6	-75.7	-17	-77.1	16			
5	92M7D7W--	4	-75.7	2.6	-77.1	16																																	
6	46M4D7W--	1	-75.7	-0.4	-77.1	16																																	
7	1M02D7W--	-15.6	-75.7	-17	-77.1	16																																	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-F	T				1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15																													
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-F	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.		21	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021		BR63 Confirmed date of bringing into use							BR64 Date of receipt of 1st Res49																													
BR14 Special Section	CR/D/2880			CR/C/3739																																			
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000							B4b5 Peak of pfd																											
C4b Nature of service	CR	OT	OT	C6a Polarization type	M							C6b Polarization angle																											
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000																																					
C11a1 Service area no.		C11a2 Service area XR2								C11a3 Service area diagram																													
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																			
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE																																		
C2a1 Assigned frequency																																							
10.95 GHz																																							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																									
API/A/9509		1	464MD7W--	11	-75.7	9.6	-77.1	18																															
		2	232MD7W--	8	-75.7	6.5	-77.1	18																															
		3	185MD7W--	7	-75.7	5.6	-77.1	18																															
		4	116MD7W--	5	-75.7	3.5	-77.1	18																															
		5	92M7D7W--	4	-75.7	2.6	-77.1	18																															
		6	46M4D7W--	1	-75.7	-0.4	-77.1	18																															
		7	1M02D7W--	-15.6	-75.7	-17	-77.1	18																															
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																													

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review			
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 208	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency											
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509		1 464MD7W--		11	-75.7	9.6		-77.1		2	
		2 232MD7W--		8	-75.7	6.5		-77.1		2	
		3 185MD7W--		7	-75.7	5.6		-77.1		2	
		4 116MD7W--		5	-75.7	3.5		-77.1		2	
		5 92M7D7W--		4	-75.7	2.6		-77.1		2	
		6 46M4D7W--		1	-75.7	-0.4		-77.1		2	
		7 1M02D7W--		-15.6	-75.7	-17		-77.1		2	

C10b1 Assoc. earth station id. SE-A	C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
				1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review			
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 209	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA324 E
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd
C4a Class of station EC EK ER			C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle
C8d1 Max. tot. peak pwr. 14			C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.			C11a2 Service area XR1 XR3			C11a3 Service area diagram
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F E F G LIE			

C2a1 Assigned frequency													
10.95 GHz													
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		11	-75.7	9.6		-77.1		3			
		2 232MD7W--		8	-75.7	6.5		-77.1		3			
		3 185MD7W--		7	-75.7	5.6		-77.1		3			
		4 116MD7W--		5	-75.7	3.5		-77.1		3			
		5 92M7D7W--		4	-75.7	2.6		-77.1		3			
		6 46M4D7W--		1	-75.7	-0.4		-77.1		3			
		7 1M02D7W--		-15.6	-75.7	-17		-77.1		3			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id. 210	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4				
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b			
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd
C4a Class of station EC EK ER			C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle
C8d1 Max. tot. peak pwr. 14			C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.			C11a2 Service area XR1 XR3			C11a3 Service area diagram
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324 E

A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	
	9.7B	F		

C2a1 Assigned frequency									
10.95	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr
API/A/9509		1	464MD7W--	11	-75.7	9.6		-77.1	
		2	232MD7W--	8	-75.7	6.5		-77.1	5
		3	185MD7W--	7	-75.7	5.6		-77.1	5
		4	116MD7W--	5	-75.7	3.5		-77.1	5
		5	92M7D7W--	4	-75.7	2.6		-77.1	5
		6	46M4D7W--	1	-75.7	-0.4		-77.1	5
		7	1M02D7W--	-15.6	-75.7	-17		-77.1	5

C10b1	Assoc. earth station id.	C10b2	Type	C10c1	Geographical coord.	C10c2	Ctry	C10d1/C10d2	Cls. / Nat.	C10d3	Max. iso. gain	C10d4	Bmwth	C10d6	Noise temp.	C10d7	Ant. diameter	
SE-C		T						1 TR	OT	33		3.5		439		0.46		
2	TK							2	OT									
3	TC							3	CR									

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	211	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	EK	ER	C4b Nature of service
CR	OT	OT		C6a Polarization type M
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth	1000000	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XR1	XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	E F G LIE	
	9.7B	F		

C2a1 Assigned frequency									
10.95	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr
API/A/9509		1	464MD7W--	11	-75.7	9.6		-77.1	
		2	232MD7W--	8	-75.7	6.5		-77.1	8
		3	185MD7W--	7	-75.7	5.6		-77.1	8
		4	116MD7W--	5	-75.7	3.5		-77.1	8

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																																																										
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																											
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA324	E																																																									
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>4</td><td>-75.7</td> <td>2.6</td> <td>-77.1</td> <td>8</td> <td></td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>1</td><td>-75.7</td> <td>-0.4</td> <td>-77.1</td> <td>8</td> <td></td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-15.6</td><td>-75.7</td> <td>-17</td> <td>-77.1</td> <td>8</td> <td></td> <td></td> </tr> </table>									5	92M7D7W--	4	-75.7	2.6	-77.1	8			6	46M4D7W--	1	-75.7	-0.4	-77.1	8			7	1M02D7W--	-15.6	-75.7	-17	-77.1	8																															
5	92M7D7W--	4	-75.7	2.6	-77.1	8																																																										
6	46M4D7W--	1	-75.7	-0.4	-77.1	8																																																										
7	1M02D7W--	-15.6	-75.7	-17	-77.1	8																																																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																								
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58																																																								
C10d5a Co-polar antenna pattern																																																																
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																									
SE-D	AP8																																																															
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																											
13C Remarks																																																																
BR7a/BR7b Group id. 212		BR1 Date of receipt 27.12.2014			C2c RR No. 4.4																																																											
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																												
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																											
BR14 Special Section	CR/D/2880	CR/C/3739																																																														
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd																																																											
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																																																											
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000																																																														
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram																																																													
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4			C11b Affected region																																																											
A5/A6 Coordinations/Agreements		9.12	Q	E F G LIE	9.7B	F																																																										
C2a1 Assigned frequency																																																																
10.95 GHz																																																																
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																					
API/A/9509		<table border="1"> <tr> <td>1</td> <td>464MD7W--</td> <td>11</td> <td>-75.7</td> <td>9.6</td> <td>-77.1</td> <td>10</td> <td></td> </tr> <tr> <td>2</td> <td>232MD7W--</td> <td>8</td> <td>-75.7</td> <td>6.5</td> <td>-77.1</td> <td>10</td> <td></td> </tr> <tr> <td>3</td> <td>185MD7W--</td> <td>7</td> <td>-75.7</td> <td>5.6</td> <td>-77.1</td> <td>10</td> <td></td> </tr> <tr> <td>4</td> <td>116MD7W--</td> <td>5</td> <td>-75.7</td> <td>3.5</td> <td>-77.1</td> <td>10</td> <td></td> </tr> <tr> <td>5</td> <td>92M7D7W--</td> <td>4</td> <td>-75.7</td> <td>2.6</td> <td>-77.1</td> <td>10</td> <td></td> </tr> <tr> <td>6</td> <td>46M4D7W--</td> <td>1</td> <td>-75.7</td> <td>-0.4</td> <td>-77.1</td> <td>10</td> <td></td> </tr> <tr> <td>7</td> <td>1M02D7W--</td> <td>-15.6</td> <td>-75.7</td> <td>-17</td> <td>-77.1</td> <td>10</td> <td></td> </tr> </table>		1	464MD7W--	11	-75.7	9.6	-77.1	10		2	232MD7W--	8	-75.7	6.5	-77.1	10		3	185MD7W--	7	-75.7	5.6	-77.1	10		4	116MD7W--	5	-75.7	3.5	-77.1	10		5	92M7D7W--	4	-75.7	2.6	-77.1	10		6	46M4D7W--	1	-75.7	-0.4	-77.1	10		7	1M02D7W--	-15.6	-75.7	-17	-77.1	10						
1	464MD7W--	11	-75.7	9.6	-77.1	10																																																										
2	232MD7W--	8	-75.7	6.5	-77.1	10																																																										
3	185MD7W--	7	-75.7	5.6	-77.1	10																																																										
4	116MD7W--	5	-75.7	3.5	-77.1	10																																																										
5	92M7D7W--	4	-75.7	2.6	-77.1	10																																																										
6	46M4D7W--	1	-75.7	-0.4	-77.1	10																																																										
7	1M02D7W--	-15.6	-75.7	-17	-77.1	10																																																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																								
SE-E	T			1 TR 2 TK 3 TC	39	1.7	374	0.92																																																								

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 213	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	
9.7B			

C2a1 Assigned frequency											
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509											
1 464MD7W--				11		-75.7		9.6		-77.1	
2 232MD7W--				8		-75.7		6.5		-77.1	
3 185MD7W--				7		-75.7		5.6		-77.1	
4 116MD7W--				5		-75.7		3.5		-77.1	
5 92M7D7W--				4		-75.7		2.6		-77.1	
6 46M4D7W--				1		-75.7		-0.4		-77.1	
7 1M02D7W--				-15.6		-75.7		-17		-77.1	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-F	T			1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 214	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324 E
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880 CR/C/3739			B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region		
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	E F G LIE	

C2a1 Assigned frequency										
10.95 GHz										
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	11 8 7 5 4 1 -15.6	-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7	9.6 6.5 5.6 3.5 2.6 -0.4 -17		-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		18 18 18 18 18 18 18		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	44	1	196	1.63	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 243	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use	
BR14 Special Section CR/D/2880 CR/C/3739			BR64 Date of receipt of 1st Res49
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA324 E

A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE					
	9.7B								

C2a1 Assigned frequency									
11.45	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr
API/A/9509		1	464MD7W--	11	-75.7	9.6		-77.1	
		2	232MD7W--	8	-75.7	6.5		-77.1	2
		3	185MD7W--	7	-75.7	5.6		-77.1	2
		4	116MD7W--	5	-75.7	3.5		-77.1	2
		5	92M7D7W--	4	-75.7	2.6		-77.1	2
		6	46M4D7W--	1	-75.7	-0.4		-77.1	2
		7	1M02D7W--	-15.6	-75.7	-17		-77.1	2

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	244	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49		
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd		
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000			
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle		
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram		
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region		
A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE	
	9.7B				

C2a1 Assigned frequency									
11.45	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr
API/A/9509		1	464MD7W--	11	-75.7	9.6		-77.1	
		2	232MD7W--	8	-75.7	6.5		-77.1	3
		3	185MD7W--	7	-75.7	5.6		-77.1	3
		4	116MD7W--	5	-75.7	3.5		-77.1	3

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																																										
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																											
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA324 E																																																										
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>4</td><td>-75.7</td> <td>2.6</td> <td>-77.1</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>1</td><td>-75.7</td> <td>-0.4</td> <td>-77.1</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-15.6</td><td>-75.7</td> <td>-17</td> <td>-77.1</td> <td>3</td> <td></td> <td></td> <td></td> </tr> </table>										5	92M7D7W--	4	-75.7	2.6	-77.1	3				6	46M4D7W--	1	-75.7	-0.4	-77.1	3				7	1M02D7W--	-15.6	-75.7	-17	-77.1	3																												
5	92M7D7W--	4	-75.7	2.6	-77.1	3																																																										
6	46M4D7W--	1	-75.7	-0.4	-77.1	3																																																										
7	1M02D7W--	-15.6	-75.7	-17	-77.1	3																																																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																							
SE-B	T				1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36																																																						
C10d5a Co-polar antenna pattern																																																																
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																									
SE-B	AP8																																																															
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																											
13C Remarks																																																																
BR7a/BR7b Group id.	245	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																													
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																												
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																											
BR14 Special Section	CR/D/2880	CR/C/3739																																																														
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd																																																										
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle																																																										
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth		1000000																																																												
C11a1 Service area no.		C11a2 Service area		XR2	C11a3 Service area diagram																																																											
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region																																																											
A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE																																																												
C2a1 Assigned frequency																																																																
11.45 GHz																																																																
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																					
API/A/9509		<table border="1"> <tr> <td>1</td><td>464MD7W--</td> <td>11</td> <td>-75.7</td> <td>9.6</td> <td>-77.1</td> <td>5</td> <td></td> </tr> <tr> <td>2</td><td>232MD7W--</td> <td>8</td> <td>-75.7</td> <td>6.5</td> <td>-77.1</td> <td>5</td> <td></td> </tr> <tr> <td>3</td><td>185MD7W--</td> <td>7</td> <td>-75.7</td> <td>5.6</td> <td>-77.1</td> <td>5</td> <td></td> </tr> <tr> <td>4</td><td>116MD7W--</td> <td>5</td> <td>-75.7</td> <td>3.5</td> <td>-77.1</td> <td>5</td> <td></td> </tr> <tr> <td>5</td><td>92M7D7W--</td> <td>4</td> <td>-75.7</td> <td>2.6</td> <td>-77.1</td> <td>5</td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>1</td> <td>-75.7</td> <td>-0.4</td> <td>-77.1</td> <td>5</td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-15.6</td> <td>-75.7</td> <td>-17</td> <td>-77.1</td> <td>5</td> <td></td> </tr> </table>		1	464MD7W--	11	-75.7	9.6	-77.1	5		2	232MD7W--	8	-75.7	6.5	-77.1	5		3	185MD7W--	7	-75.7	5.6	-77.1	5		4	116MD7W--	5	-75.7	3.5	-77.1	5		5	92M7D7W--	4	-75.7	2.6	-77.1	5		6	46M4D7W--	1	-75.7	-0.4	-77.1	5		7	1M02D7W--	-15.6	-75.7	-17	-77.1	5						
1	464MD7W--	11	-75.7	9.6	-77.1	5																																																										
2	232MD7W--	8	-75.7	6.5	-77.1	5																																																										
3	185MD7W--	7	-75.7	5.6	-77.1	5																																																										
4	116MD7W--	5	-75.7	3.5	-77.1	5																																																										
5	92M7D7W--	4	-75.7	2.6	-77.1	5																																																										
6	46M4D7W--	1	-75.7	-0.4	-77.1	5																																																										
7	1M02D7W--	-15.6	-75.7	-17	-77.1	5																																																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																							
SE-C	T				1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46																																																						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 246	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000	C11a3 Service area diagram	
C11a1 Service area no.	C11a2 Service area XR2		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	
9.7B			

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509											
1 464MD7W--				11		-75.7		9.6		-77.1	
2 232MD7W--				8		-75.7		6.5		-77.1	
3 185MD7W--				7		-75.7		5.6		-77.1	
4 116MD7W--				5		-75.7		3.5		-77.1	
5 92M7D7W--				4		-75.7		2.6		-77.1	
6 46M4D7W--				1		-75.7		-0.4		-77.1	
7 1M02D7W--				-15.6		-75.7		-17		-77.1	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 247	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA324 E
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd
C4a Class of station EC EK ER			C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle
C8d1 Max. tot. peak pwr. 14			C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.			C11a2 Service area XR2			C11a3 Service area diagram
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F E F G LIE			

C2a1 Assigned frequency											
11.45 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509		1	464MD7W--	11	-75.7	9.6	-77.1			10	
		2	232MD7W--	8	-75.7	6.5	-77.1			10	
		3	185MD7W--	7	-75.7	5.6	-77.1			10	
		4	116MD7W--	5	-75.7	3.5	-77.1			10	
		5	92M7D7W--	4	-75.7	2.6	-77.1			10	
		6	46M4D7W--	1	-75.7	-0.4	-77.1			10	
		7	1M02D7W--	-15.6	-75.7	-17	-77.1			10	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	C10d8	
SE-E	T				1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-E	AP8									

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id.	248	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880			CR/C/3739		B4b5 Peak of pfd	
C4a Class of station EC EK ER			C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle
C8d1 Max. tot. peak pwr. 14			C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.			C11a2 Service area XR2			C11a3 Service area diagram
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA324 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		11	-75.7	9.6		-77.1		16	
		2 232MD7W--		8	-75.7	6.5		-77.1		16	
		3 185MD7W--		7	-75.7	5.6		-77.1		16	
		4 116MD7W--		5	-75.7	3.5		-77.1		16	
		5 92M7D7W--		4	-75.7	2.6		-77.1		16	
		6 46M4D7W--		1	-75.7	-0.4		-77.1		16	
		7 1M02D7W--		-15.6	-75.7	-17		-77.1		16	
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F		T				1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-F		AP8									
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review		
13C Remarks											

BR7a/BR7b Group id.	249	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd							
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000								
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle							
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth	1000000								
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		11	-75.7	9.6		-77.1		18	
		2 232MD7W--		8	-75.7	6.5		-77.1		18	
		3 185MD7W--		7	-75.7	5.6		-77.1		18	
		4 116MD7W--		5	-75.7	3.5		-77.1		18	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																																			
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																				
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324	E																																																				
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>4</td><td>-75.7</td> <td>2.6</td> <td>-77.1</td> <td>18</td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>1</td><td>-75.7</td> <td>-0.4</td> <td>-77.1</td> <td>18</td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-15.6</td><td>-75.7</td> <td>-17</td> <td>-77.1</td> <td>18</td> </tr> </table>							5	92M7D7W--	4	-75.7	2.6	-77.1	18	6	46M4D7W--	1	-75.7	-0.4	-77.1	18	7	1M02D7W--	-15.6	-75.7	-17	-77.1	18																														
5	92M7D7W--	4	-75.7	2.6	-77.1	18																																																			
6	46M4D7W--	1	-75.7	-0.4	-77.1	18																																																			
7	1M02D7W--	-15.6	-75.7	-17	-77.1	18																																																			
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																	
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																																																
C10d5a Co-polar antenna pattern																																																									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																		
SE-G	AP8																																																								
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																				
13C Remarks																																																									
BR7a/BR7b Group id.	334	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																						
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																					
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																				
BR14 Special Section	CR/D/2880	CR/C/3739																																																							
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000						B4b5 Peak of pfd																																															
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																																																				
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000																																																							
C11a1 Service area no.		C11a2 Service area XR1 XR3								C11a3 Service area diagram																																															
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																																					
A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE																																																					
C2a1 Assigned frequency																																																									
11.45 GHz																																																									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																														
API/A/9509		<table border="1"> <tr> <td>1</td><td>464MD7W--</td> <td>11</td> <td>-75.7</td> <td>9.6</td> <td>-77.1</td> <td>2</td> </tr> <tr> <td>2</td><td>232MD7W--</td> <td>8</td> <td>-75.7</td> <td>6.5</td> <td>-77.1</td> <td>2</td> </tr> <tr> <td>3</td><td>185MD7W--</td> <td>7</td> <td>-75.7</td> <td>5.6</td> <td>-77.1</td> <td>2</td> </tr> <tr> <td>4</td><td>116MD7W--</td> <td>5</td> <td>-75.7</td> <td>3.5</td> <td>-77.1</td> <td>2</td> </tr> <tr> <td>5</td><td>92M7D7W--</td> <td>4</td> <td>-75.7</td> <td>2.6</td> <td>-77.1</td> <td>2</td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>1</td> <td>-75.7</td> <td>-0.4</td> <td>-77.1</td> <td>2</td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-15.6</td> <td>-75.7</td> <td>-17</td> <td>-77.1</td> <td>2</td> </tr> </table>		1	464MD7W--	11	-75.7	9.6	-77.1	2	2	232MD7W--	8	-75.7	6.5	-77.1	2	3	185MD7W--	7	-75.7	5.6	-77.1	2	4	116MD7W--	5	-75.7	3.5	-77.1	2	5	92M7D7W--	4	-75.7	2.6	-77.1	2	6	46M4D7W--	1	-75.7	-0.4	-77.1	2	7	1M02D7W--	-15.6	-75.7	-17	-77.1	2					
1	464MD7W--	11	-75.7	9.6	-77.1	2																																																			
2	232MD7W--	8	-75.7	6.5	-77.1	2																																																			
3	185MD7W--	7	-75.7	5.6	-77.1	2																																																			
4	116MD7W--	5	-75.7	3.5	-77.1	2																																																			
5	92M7D7W--	4	-75.7	2.6	-77.1	2																																																			
6	46M4D7W--	1	-75.7	-0.4	-77.1	2																																																			
7	1M02D7W--	-15.6	-75.7	-17	-77.1	2																																																			
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																	
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23																																																

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 335	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	
9.7B			

C2a1 Assigned frequency										
11.45 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--			11	-75.7	9.6		-77.1		3	
2 232MD7W--			8	-75.7	6.5		-77.1		3	
3 185MD7W--			7	-75.7	5.6		-77.1		3	
4 116MD7W--			5	-75.7	3.5		-77.1		3	
5 92M7D7W--			4	-75.7	2.6		-77.1		3	
6 46M4D7W--			1	-75.7	-0.4		-77.1		3	
7 1M02D7W--			-15.6	-75.7	-17		-77.1		3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 336	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA324 E
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd
C4a Class of station EC EK ER			C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle
C8d1 Max. tot. peak pwr. 14			C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.			C11a2 Service area XR1 XR3			C11a3 Service area diagram
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F E F G LIE			

C2a1 Assigned frequency													
11.45 GHz													
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		11	-75.7	9.6		-77.1		5			
		2 232MD7W--		8	-75.7	6.5		-77.1		5			
		3 185MD7W--		7	-75.7	5.6		-77.1		5			
		4 116MD7W--		5	-75.7	3.5		-77.1		5			
		5 92M7D7W--		4	-75.7	2.6		-77.1		5			
		6 46M4D7W--		1	-75.7	-0.4		-77.1		5			
		7 1M02D7W--		-15.6	-75.7	-17		-77.1		5			
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46				

C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-C										

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	337	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880			CR/C/3739		B4b5 Peak of pfd	
C4a Class of station EC EK ER			C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle
C8d1 Max. tot. peak pwr. 14			C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.			C11a2 Service area XR1 XR3			C11a3 Service area diagram
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA324 E

A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE					
	9.7B								

C2a1 Assigned frequency									
11.45	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr
API/A/9509		1	464MD7W--	11	-75.7	9.6		-77.1	
		2	232MD7W--	8	-75.7	6.5		-77.1	8
		3	185MD7W--	7	-75.7	5.6		-77.1	8
		4	116MD7W--	5	-75.7	3.5		-77.1	8
		5	92M7D7W--	4	-75.7	2.6		-77.1	8
		6	46M4D7W--	1	-75.7	-0.4		-77.1	8
		7	1M02D7W--	-15.6	-75.7	-17		-77.1	8

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	338	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49		
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd		
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000			
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle		
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram		
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region		
A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE	
	9.7B				

C2a1 Assigned frequency									
11.45	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr
API/A/9509		1	464MD7W--	11	-75.7	9.6		-77.1	
		2	232MD7W--	8	-75.7	6.5		-77.1	10
		3	185MD7W--	7	-75.7	5.6		-77.1	10
		4	116MD7W--	5	-75.7	3.5		-77.1	10

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA324 E																																	
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>4</td><td>-75.7</td> <td>2.6</td> <td>-77.1</td> <td>10</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>1</td><td>-75.7</td> <td>-0.4</td> <td>-77.1</td> <td>10</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-15.6</td><td>-75.7</td> <td>-17</td> <td>-77.1</td> <td>10</td> <td></td> <td></td> <td></td> </tr> </table>										5	92M7D7W--	4	-75.7	2.6	-77.1	10				6	46M4D7W--	1	-75.7	-0.4	-77.1	10				7	1M02D7W--	-15.6	-75.7	-17	-77.1	10			
5	92M7D7W--	4	-75.7	2.6	-77.1	10																																	
6	46M4D7W--	1	-75.7	-0.4	-77.1	10																																	
7	1M02D7W--	-15.6	-75.7	-17	-77.1	10																																	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-E	T				1 TR 2 TK 3 TC	39	1.7	374	0.92																														
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-E	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.	339	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																		
BR14 Special Section	CR/D/2880	CR/C/3739																																					
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																																			
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																																		
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000																																					
C11a1 Service area no.		C11a2 Service area XR1 XR3			C11a3 Service area diagram																																		
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																			
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE																																		
C2a1 Assigned frequency																																							
11.45 GHz																																							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																									
API/A/9509		1 464MD7W--		11	-75.7	9.6		-77.1		16																													
		2 232MD7W--		8	-75.7	6.5		-77.1		16																													
		3 185MD7W--		7	-75.7	5.6		-77.1		16																													
		4 116MD7W--		5	-75.7	3.5		-77.1		16																													
		5 92M7D7W--		4	-75.7	2.6		-77.1		16																													
		6 46M4D7W--		1	-75.7	-0.4		-77.1		16																													
		7 1M02D7W--		-15.6	-75.7	-17		-77.1		16																													
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-F	T				1 TR 2 TK 3 TC	41	1.4	196	1.15																														

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no.	114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA324 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	340	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49		
BR14 Special Section	CR/D/2880	CR/C/3739					
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000				B4b5 Peak of pfd	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle				
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000					
C11a1 Service area no.		C11a2 Service area XR1 XR3				C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region				
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE				

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		1 API/A/9509	232MD7W--	11	-75.7	9.6	-77.1	18			
		3	185MD7W--	8	-75.7	6.5	-77.1	18			
		4	116MD7W--	7	-75.7	5.6	-77.1	18			
		5	92M7D7W--	5	-75.7	3.5	-77.1	18			
		6	46M4D7W--	4	-75.7	2.6	-77.1	18			
		7	1M02D7W--	1	-75.7	-0.4	-77.1	18			
				-15.6	-75.7	-17	-77.1	18			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> B1a/BR17 Beam designation DA359	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 35.9	
B2bis.a Transmit only when visible from notified service area Y	B2bis.b Min. Elev. Angle 2			

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DA359 E

B3c1 Co-polar antenna pattern

Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
REC-1528					

B4a3a1 Angle alpha [] B4a3a2 Angle beta [] B4b2 Gain vs elev. ang. diag. [1] B4b3 Spreading loss data [2]

BR92 Attach. for missing angle alpha/beta [5]

B4b4a Max. E.I.R.P. at 4kHz [-6.2] B4b4b Average E.I.R.P. at 4kHz [-6.2] B4b4c Max. E.I.R.P. at 1MHz [17.8] B4b4d Average E.I.R.P. at 1MHz [17.8]

<input type="checkbox"/> BR7a/BR7b Group id.	8	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b []	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use []	BR64 Date of receipt of 1st Res49 []		
BR14 Special Section	CR/D/2880	CR/C/3739			
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd []
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle []
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.	[]	C11a2 Service area XR2	C11a3 Service area diagram []		
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram [4]	C11b Affected region []		
A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE	
9.7B					

C2a1 Assigned frequency

10.95	GHz											
A13	Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509		1 464MD7W--	9.8	-76.9	6.1		-80.6		2			
		2 232MD7W--	6.8	-76.9	3		-80.6		2			
		3 185MD7W--	5.8	-76.9	2.1		-80.6		2			
		4 116MD7W--	3.7	-76.9	0		-80.6		2			
		5 92M7D7W--	2.8	-76.9	-0.9		-80.6		2			
		6 46M4D7W--	-0.2	-76.9	-3.9		-80.6		2			
		7 1M02D7W--	-16.8	-76.9	-20.5		-80.6		2			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision []	13B2 Remarks []	13B3 Date of Review []
13C Remarks	[]				

<input type="checkbox"/> BR7a/BR7b Group id.	9	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
--	---	--------------------------------	----------------

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	DA359 E

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

CR/D/2880

CR/C/3739

C4a Class of station

EC

EK

ER

C3a Assigned freq. band

500000

B4b5 Peak of pfd

C4b Nature of service

CR

OT

OT

C6a Polarization type

M

C6b Polarization angle

C8d1 Max. tot. peak pwr.

12.8

C8d2 Contiguous bandwidth

1000000

C11a1 Service area no.

C11a2 Service area

XR2

C11a3 Service area diagram

C9c1 Type of multiple access

3

C9c2 Spectrum mask diagram

4

C11b Affected region

A5/A6 Coordinations/Agreements	9.12	Q		E F G LIE												
	9.7B	F														

C2a1 Assigned frequency

10.95 GHz	A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		5 5 5 5 5 5 5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id.	10	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49		
BR14 Special Section	CR/D/2880	CR/C/3739				
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth	1000000			
C11a1 Service area no.	C11a2 Service area	XR2		C11b Affected region		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4			

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA359 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE								
C2a1 Assigned frequency												
10.95	GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1 464MD7W--	9.8	-76.9	6.1		-80.6		7			
		2 232MD7W--	6.8	-76.9	3		-80.6		7			
		3 185MD7W--	5.8	-76.9	2.1		-80.6		7			
		4 116MD7W--	3.7	-76.9	0		-80.6		7			
		5 92M7D7W--	2.8	-76.9	-0.9		-80.6		7			
		6 46M4D7W--	-0.2	-76.9	-3.9		-80.6		7			
		7 1M02D7W--	-16.8	-76.9	-20.5		-80.6		7			
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-C	T				1 TR 2 TK 3 TC	33	3.5	439	0.46			
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
SE-C	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												
BR7a/BR7b Group id.	11	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880		CR/C/3739									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd						
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth		1000000								
C11a1 Service area no.		C11a2 Service area		XR2	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE								
C2a1 Assigned frequency												
10.95	GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1 464MD7W--	9.8	-76.9	6.1		-80.6		10			
		2 232MD7W--	6.8	-76.9	3		-80.6		10			
		3 185MD7W--	5.8	-76.9	2.1		-80.6		10			

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA359 E

4	116MD7W--	3.7	-76.9	0	-80.6	10	
5	92M7D7W--	2.8	-76.9	-0.9	-80.6	10	
6	46M4D7W--	-0.2	-76.9	-3.9	-80.6	10	
7	1M02D7W--	-16.8	-76.9	-20.5	-80.6	10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

13C Remarks

BR7a/BR7b Group id.	12	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000
C4b Nature of service	CR	OT	OT	C6a Polarization type M
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000	C6b Polarization angle	B4b5 Peak of pfd
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q F	E F G LIE	

C2a1 Assigned frequency										
10.95	GHz									
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2
API/A/9509		1	464MD7W--		9.8	-76.9	6.1		-80.6	
		2	232MD7W--		6.8	-76.9	3		-80.6	
		3	185MD7W--		5.8	-76.9	2.1		-80.6	
		4	116MD7W--		3.7	-76.9	0		-80.6	
		5	92M7D7W--		2.8	-76.9	-0.9		-80.6	
		6	46M4D7W--		-0.2	-76.9	-3.9		-80.6	
		7	1M02D7W--		-16.8	-76.9	-20.5		-80.6	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	39	1.7	374	0.92	

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA359 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	13	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency													
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.			
A13 Ref. to Special Sections		1 API/A/9509	2	3	4	5	6	7	8	9	10		
		464MD7W--	232MD7W--	185MD7W--	116MD7W--	92M7D7W--	46M4D7W--	1M02D7W--	9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5	-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6	18 18 18 18 18 18 18

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	14	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DA359 E					
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd					
C4a Class of station EC EK ER	C3a Assigned freq. band 500000										
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE											
C2a1 Assigned frequency 10.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--		9.8	-76.9	6.1		-80.6		20	
		2 232MD7W--		6.8	-76.9	3		-80.6		20	
		3 185MD7W--		5.8	-76.9	2.1		-80.6		20	
		4 116MD7W--		3.7	-76.9	0		-80.6		20	
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6		20	
		6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		20	
		7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		20	
C10b1 Assoc. earth station id. SE-G	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
					1 TR 2 TK 3 TC	44	1	196	1.63		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-G	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks											
BR7a/BR7b Group id. 215			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4					
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49		
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000									B4b5 Peak of pfd	
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR1 XR3										C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA359 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
10.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		2 2 2 2 2 2 2	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-A	T				1 TR 2 TK 3 TC	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-A	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

BR7a/BR7b Group id.	216	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000					B4b5 Peak of pfd				
C4b Nature of service	CR OT OT	C6a Polarization type M					C6b Polarization angle				
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR1 XR3					C11a3 Service area diagram				
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4					C11b Affected region				
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
10.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W--		9.8 6.8 5.8 3.7	-76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0		-80.6 -80.6 -80.6 -80.6		5 5 5 5	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																																																																										
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																											
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA359	E																																																																									
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>2.8</td><td>-76.9</td><td>-0.9</td><td>-80.6</td><td></td><td>5</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>-0.2</td><td>-76.9</td><td>-3.9</td><td>-80.6</td><td></td><td>5</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-16.8</td><td>-76.9</td><td>-20.5</td><td>-80.6</td><td></td><td>5</td><td></td></tr> </table>									5	92M7D7W--	2.8	-76.9	-0.9	-80.6		5		6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		5		7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		5																																														
5	92M7D7W--	2.8	-76.9	-0.9	-80.6		5																																																																									
6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		5																																																																									
7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		5																																																																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																								
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36																																																																							
C10d5a Co-polar antenna pattern																																																																																
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																									
SE-B	AP8																																																																															
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																																											
13C Remarks																																																																																
BR7a/BR7b Group id.	217	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																																													
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																																												
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49																																																																										
BR14 Special Section	CR/D/2880	CR/C/3739				B4b5 Peak of pfd																																																																										
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																																																																												
C4b Nature of service	CR	OT	OT	C6a Polarization type M		C6b Polarization angle																																																																										
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000																																																																														
C11a1 Service area no.		C11a2 Service area XR1	XR3			C11a3 Service area diagram																																																																										
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																																																												
A5/A6 Coordinations/Agreements	9.12	Q		E F G LIE																																																																												
C2a1 Assigned frequency																																																																																
10.95 GHz																																																																																
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																																					
API/A/9509		<table border="1"> <tr><td>1</td><td>464MD7W--</td><td>9.8</td><td>-76.9</td><td>6.1</td><td></td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>2</td><td>232MD7W--</td><td>6.8</td><td>-76.9</td><td>3</td><td></td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>3</td><td>185MD7W--</td><td>5.8</td><td>-76.9</td><td>2.1</td><td></td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>4</td><td>116MD7W--</td><td>3.7</td><td>-76.9</td><td>0</td><td></td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>5</td><td>92M7D7W--</td><td>2.8</td><td>-76.9</td><td>-0.9</td><td></td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>-0.2</td><td>-76.9</td><td>-3.9</td><td></td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-16.8</td><td>-76.9</td><td>-20.5</td><td></td><td>-80.6</td><td></td><td>7</td><td></td></tr> </table>		1	464MD7W--	9.8	-76.9	6.1		-80.6		7		2	232MD7W--	6.8	-76.9	3		-80.6		7		3	185MD7W--	5.8	-76.9	2.1		-80.6		7		4	116MD7W--	3.7	-76.9	0		-80.6		7		5	92M7D7W--	2.8	-76.9	-0.9		-80.6		7		6	46M4D7W--	-0.2	-76.9	-3.9		-80.6		7		7	1M02D7W--	-16.8	-76.9	-20.5		-80.6		7								
1	464MD7W--	9.8	-76.9	6.1		-80.6		7																																																																								
2	232MD7W--	6.8	-76.9	3		-80.6		7																																																																								
3	185MD7W--	5.8	-76.9	2.1		-80.6		7																																																																								
4	116MD7W--	3.7	-76.9	0		-80.6		7																																																																								
5	92M7D7W--	2.8	-76.9	-0.9		-80.6		7																																																																								
6	46M4D7W--	-0.2	-76.9	-3.9		-80.6		7																																																																								
7	1M02D7W--	-16.8	-76.9	-20.5		-80.6		7																																																																								
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																								
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46																																																																							

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA359 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-C	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	218	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency											
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		API/A/9509		1	464MD7W--	9.8	-76.9	6.1		-80.6	10
				2	232MD7W--	6.8	-76.9	3		-80.6	10
				3	185MD7W--	5.8	-76.9	2.1		-80.6	10
				4	116MD7W--	3.7	-76.9	0		-80.6	10
				5	92M7D7W--	2.8	-76.9	-0.9		-80.6	10
				6	46M4D7W--	-0.2	-76.9	-3.9		-80.6	10
				7	1M02D7W--	-16.8	-76.9	-20.5		-80.6	10

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	219	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA359 E
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880 CR/C/3739			B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle	
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region		
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	E F G LIE	

C2a1 Assigned frequency										
10.95 GHz										
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		14 14 14 14 14 14 14		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E	T			1 TR 2 TK 3 TC	39	1.7	374	0.92		

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E							

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 220	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880 CR/C/3739			B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle	
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region		

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA359 E					
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
10.95	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1	464MD7W--	9.8	-76.9	6.1		-80.6		18
		2	232MD7W--	6.8	-76.9	3		-80.6		18
		3	185MD7W--	5.8	-76.9	2.1		-80.6		18
		4	116MD7W--	3.7	-76.9	0		-80.6		18
		5	92M7D7W--	2.8	-76.9	-0.9		-80.6		18
		6	46M4D7W--	-0.2	-76.9	-3.9		-80.6		18
		7	1M02D7W--	-16.8	-76.9	-20.5		-80.6		18
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T				1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-F	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision			13B2 Remarks	13B3 Date of Review			
13C Remarks										

BR7a/BR7b Group id.	221	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd						
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth	1000000							
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram						
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
10.95	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1	464MD7W--	9.8	-76.9	6.1		-80.6		20
		2	232MD7W--	6.8	-76.9	3		-80.6		20
		3	185MD7W--	5.8	-76.9	2.1		-80.6		20
		4	116MD7W--	3.7	-76.9	0		-80.6		20

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																																																																									
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																										
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.		DA359	E																																																																							
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>2.8</td><td>-76.9</td><td>-0.9</td><td>-80.6</td><td></td><td>20</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>-0.2</td><td>-76.9</td><td>-3.9</td><td>-80.6</td><td></td><td>20</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-16.8</td><td>-76.9</td><td>-20.5</td><td>-80.6</td><td></td><td>20</td><td></td></tr> </table>									5	92M7D7W--	2.8	-76.9	-0.9	-80.6		20		6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		20		7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		20																																													
5	92M7D7W--	2.8	-76.9	-0.9	-80.6		20																																																																								
6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		20																																																																								
7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		20																																																																								
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																							
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																																																																						
C10d5a Co-polar antenna pattern																																																																															
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																								
SE-G	AP8																																																																														
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																																										
13C Remarks																																																																															
BR7a/BR7b Group id.	236	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																																												
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																																											
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49																																																																									
BR14 Special Section	CR/D/2880	CR/C/3739				B4b5 Peak of pfd																																																																									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																																																																											
C4b Nature of service	CR	OT	OT	C6a Polarization type M		C6b Polarization angle																																																																									
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000																																																																													
C11a1 Service area no.		C11a2 Service area XR2				C11a3 Service area diagram																																																																									
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																																																											
A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE																																																																											
C2a1 Assigned frequency																																																																															
11.45 GHz																																																																															
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																																				
		<table border="1"> <tr><td>1</td><td>464MD7W--</td><td>9.8</td><td>-76.9</td><td>6.1</td><td></td><td>-80.6</td><td></td><td>2</td><td></td></tr> <tr><td>2</td><td>232MD7W--</td><td>6.8</td><td>-76.9</td><td>3</td><td></td><td>-80.6</td><td></td><td>2</td><td></td></tr> <tr><td>3</td><td>185MD7W--</td><td>5.8</td><td>-76.9</td><td>2.1</td><td></td><td>-80.6</td><td></td><td>2</td><td></td></tr> <tr><td>4</td><td>116MD7W--</td><td>3.7</td><td>-76.9</td><td>0</td><td></td><td>-80.6</td><td></td><td>2</td><td></td></tr> <tr><td>5</td><td>92M7D7W--</td><td>2.8</td><td>-76.9</td><td>-0.9</td><td></td><td>-80.6</td><td></td><td>2</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>-0.2</td><td>-76.9</td><td>-3.9</td><td></td><td>-80.6</td><td></td><td>2</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-16.8</td><td>-76.9</td><td>-20.5</td><td></td><td>-80.6</td><td></td><td>2</td><td></td></tr> </table>		1	464MD7W--	9.8	-76.9	6.1		-80.6		2		2	232MD7W--	6.8	-76.9	3		-80.6		2		3	185MD7W--	5.8	-76.9	2.1		-80.6		2		4	116MD7W--	3.7	-76.9	0		-80.6		2		5	92M7D7W--	2.8	-76.9	-0.9		-80.6		2		6	46M4D7W--	-0.2	-76.9	-3.9		-80.6		2		7	1M02D7W--	-16.8	-76.9	-20.5		-80.6		2							
1	464MD7W--	9.8	-76.9	6.1		-80.6		2																																																																							
2	232MD7W--	6.8	-76.9	3		-80.6		2																																																																							
3	185MD7W--	5.8	-76.9	2.1		-80.6		2																																																																							
4	116MD7W--	3.7	-76.9	0		-80.6		2																																																																							
5	92M7D7W--	2.8	-76.9	-0.9		-80.6		2																																																																							
6	46M4D7W--	-0.2	-76.9	-3.9		-80.6		2																																																																							
7	1M02D7W--	-16.8	-76.9	-20.5		-80.6		2																																																																							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																							
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23																																																																						

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA359 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	237	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
A13 Ref. to Special Sections		1 API/A/9509	232MD7W--	9.8	-76.9	6.1		-80.6		5	
		2	464MD7W--	6.8	-76.9	3		-80.6		5	
		3	185MD7W--	5.8	-76.9	2.1		-80.6		5	
		4	116MD7W--	3.7	-76.9	0		-80.6		5	
		5	92M7D7W--	2.8	-76.9	-0.9		-80.6		5	
		6	46M4D7W--	-0.2	-76.9	-3.9		-80.6		5	
		7	1M02D7W--	-16.8	-76.9	-20.5		-80.6		5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-B	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	238	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO											
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/												
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA359 E											
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49											
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd											
C4a Class of station EC EK ER			C3a Assigned freq. band 500000														
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle											
C8d1 Max. tot. peak pwr. 12.8			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR2			C11a3 Service area diagram											
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F E F G LIE														
C2a1 Assigned frequency																	
11.45 GHz																	
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
		1 464MD7W--	2 232MD7W--	3 185MD7W--	4 116MD7W--	5 92M7D7W--	6 46M4D7W--	7 1M02D7W--	9.8	-76.9	6.1	-80.6	7				
								6.8	-76.9	3	-80.6	7					
								5.8	-76.9	2.1	-80.6	7					
								3.7	-76.9	0	-80.6	7					
								2.8	-76.9	-0.9	-80.6	7					
								-0.2	-76.9	-3.9	-80.6	7					
								-16.8	-76.9	-20.5	-80.6	7					
C10b1 Assoc. earth station id. SE-C		C10b2 Type T		C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
							1 TR	OT	33	3.5	439	0.46					
							2 TK	OT									
							3 TC	CR									
C10d5a Co-polar antenna pattern																	
C10b1 Assoc. earth station id. SE-C		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.				
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review							
13C Remarks																	
BR7a/BR7b Group id. 239			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4											
A2b Period of valid. 50			A3a Op. agency 084			A3b Adm. resp. A			BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880			CR/C/3739														
C4a Class of station EC EK ER			C3a Assigned freq. band 500000						B4b5 Peak of pfd								
C4b Nature of service CR OT OT			C6a Polarization type M						C6b Polarization angle								
C8d1 Max. tot. peak pwr. 12.8			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR2						C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA359 E					
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		10 10 10 10 10 10 10
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T				1 TR 2 TK 3 TC	35	2.8	374	0.58	
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-D	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks										

BR7a/BR7b Group id.	240	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49						
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd						
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth	1000000							
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram						
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W--		9.8 6.8 5.8 3.7	-76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0		-80.6 -80.6 -80.6 -80.6		14 14 14 14

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																																																																						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA359	E																																																																					
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>2.8</td><td>-76.9</td><td>-0.9</td><td>-80.6</td><td></td><td>14</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>-0.2</td><td>-76.9</td><td>-3.9</td><td>-80.6</td><td></td><td>14</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-16.8</td><td>-76.9</td><td>-20.5</td><td>-80.6</td><td></td><td>14</td><td></td></tr> </table>									5	92M7D7W--	2.8	-76.9	-0.9	-80.6		14		6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		14		7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		14																																										
5	92M7D7W--	2.8	-76.9	-0.9	-80.6		14																																																																					
6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		14																																																																					
7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		14																																																																					
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																				
SE-E	T			1 TR 2 TK 3 TC	39	1.7	374	0.92																																																																				
C10d5a Co-polar antenna pattern																																																																												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																					
SE-E	AP8																																																																											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																																							
13C Remarks																																																																												
BR7a/BR7b Group id. 241		BR1 Date of receipt 27.12.2014			C2c RR No. 4.4																																																																							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																																								
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																																							
BR14 Special Section	CR/D/2880		CR/C/3739																																																																									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd																																																																							
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																																																																							
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000																																																																										
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram																																																																								
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																																																								
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE																																																																							
C2a1 Assigned frequency																																																																												
11.45 GHz																																																																												
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																														
API/A/9509		<table border="1"> <tr><td>1</td><td>464MD7W--</td><td>9.8</td><td>-76.9</td><td>6.1</td><td>-80.6</td><td></td><td>18</td><td></td></tr> <tr><td>2</td><td>232MD7W--</td><td>6.8</td><td>-76.9</td><td>3</td><td>-80.6</td><td></td><td>18</td><td></td></tr> <tr><td>3</td><td>185MD7W--</td><td>5.8</td><td>-76.9</td><td>2.1</td><td>-80.6</td><td></td><td>18</td><td></td></tr> <tr><td>4</td><td>116MD7W--</td><td>3.7</td><td>-76.9</td><td>0</td><td>-80.6</td><td></td><td>18</td><td></td></tr> <tr><td>5</td><td>92M7D7W--</td><td>2.8</td><td>-76.9</td><td>-0.9</td><td>-80.6</td><td></td><td>18</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>-0.2</td><td>-76.9</td><td>-3.9</td><td>-80.6</td><td></td><td>18</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-16.8</td><td>-76.9</td><td>-20.5</td><td>-80.6</td><td></td><td>18</td><td></td></tr> </table>		1	464MD7W--	9.8	-76.9	6.1	-80.6		18		2	232MD7W--	6.8	-76.9	3	-80.6		18		3	185MD7W--	5.8	-76.9	2.1	-80.6		18		4	116MD7W--	3.7	-76.9	0	-80.6		18		5	92M7D7W--	2.8	-76.9	-0.9	-80.6		18		6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		18		7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		18											
1	464MD7W--	9.8	-76.9	6.1	-80.6		18																																																																					
2	232MD7W--	6.8	-76.9	3	-80.6		18																																																																					
3	185MD7W--	5.8	-76.9	2.1	-80.6		18																																																																					
4	116MD7W--	3.7	-76.9	0	-80.6		18																																																																					
5	92M7D7W--	2.8	-76.9	-0.9	-80.6		18																																																																					
6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		18																																																																					
7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		18																																																																					
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																				
SE-F	T			1 TR 2 TK 3 TC	41	1.4	196	1.15																																																																				

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA359 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 242	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509		1 464MD7W--		9.8	-76.9	6.1		-80.6		20	
		2 232MD7W--		6.8	-76.9	3		-80.6		20	
		3 185MD7W--		5.8	-76.9	2.1		-80.6		20	
		4 116MD7W--		3.7	-76.9	0		-80.6		20	
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6		20	
		6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		20	
		7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		20	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G	T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 341	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	DA359 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR1 XR3				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F	E F G LIE								
C2a1 Assigned frequency												
11.45 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		9.8	-76.9	6.1		-80.6		2		
		2 232MD7W--		6.8	-76.9	3		-80.6		2		
		3 185MD7W--		5.8	-76.9	2.1		-80.6		2		
		4 116MD7W--		3.7	-76.9	0		-80.6		2		
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6		2		
		6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		2		
		7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		2		
C10b1 Assoc. earth station id. SE-A	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
		1 TR	OT	27	6.9	439	0.23					
2	TK	OT										
3	TC	CR										
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.	
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks												
BR7a/BR7b Group id. 342			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle								
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no. C11a2 Service area XR1 XR3										C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region								

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA359 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1	464MD7W--	9.8	-76.9	6.1		-80.6	5		
		2	232MD7W--	6.8	-76.9	3		-80.6	5		
		3	185MD7W--	5.8	-76.9	2.1		-80.6	5		
		4	116MD7W--	3.7	-76.9	0		-80.6	5		
		5	92M7D7W--	2.8	-76.9	-0.9		-80.6	5		
		6	46M4D7W--	-0.2	-76.9	-3.9		-80.6	5		
		7	1M02D7W--	-16.8	-76.9	-20.5		-80.6	5		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-B	T				1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-B	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

BR7a/BR7b Group id.	343	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd							
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle							
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth	1000000								
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1	464MD7W--	9.8	-76.9	6.1		-80.6	7		
		2	232MD7W--	6.8	-76.9	3		-80.6	7		
		3	185MD7W--	5.8	-76.9	2.1		-80.6	7		
		4	116MD7W--	3.7	-76.9	0		-80.6	7		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																													
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																														
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA359	E																												
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>2.8</td><td>-76.9</td><td>-0.9</td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>-0.2</td><td>-76.9</td><td>-3.9</td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-16.8</td><td>-76.9</td><td>-20.5</td><td>-80.6</td><td></td><td>7</td><td></td></tr> </table>									5	92M7D7W--	2.8	-76.9	-0.9	-80.6		7		6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		7		7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		7	
5	92M7D7W--	2.8	-76.9	-0.9	-80.6		7																												
6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		7																												
7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		7																												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-C	T			1 TR 2 TK 3 TC	33	3.5	439	0.46																											
C10d5a Co-polar antenna pattern																																			
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																												
SE-C	AP8																																		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																														
13C Remarks																																			
BR7a/BR7b Group id.	344	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																															
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49																													
BR14 Special Section	CR/D/2880	CR/C/3739				B4b5 Peak of pfd																													
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																															
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																														
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000																																	
C11a1 Service area no.		C11a2 Service area XR1 XR3				C11a3 Service area diagram																													
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region																																
A5/A6 Coordinations/Agreements 9.12 Q E F G LIE 9.7B F																																			
C2a1 Assigned frequency																																			
11.45 GHz																																			
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																								
				1 464MD7W--	9.8	-76.9	6.1	-80.6		10																									
				2 232MD7W--	6.8	-76.9	3	-80.6		10																									
				3 185MD7W--	5.8	-76.9	2.1	-80.6		10																									
				4 116MD7W--	3.7	-76.9	0	-80.6		10																									
				5 92M7D7W--	2.8	-76.9	-0.9	-80.6		10																									
				6 46M4D7W--	-0.2	-76.9	-3.9	-80.6		10																									
				7 1M02D7W--	-16.8	-76.9	-20.5	-80.6		10																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58																											

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA359 E					
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-D	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										
<input type="checkbox"/> BR7a/BR7b Group id.	345	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use					BR64 Date of receipt of 1st Res49			
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000								
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle							
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.		C11a2 Service area XR1 XR3								
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region							
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency										
11.45 GHz										
A13 Ref. to Special Sections	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W--		9.8	-76.9	6.1		-80.6		14	
	2 232MD7W--		6.8	-76.9	3		-80.6		14	
	3 185MD7W--		5.8	-76.9	2.1		-80.6		14	
	4 116MD7W--		3.7	-76.9	0		-80.6		14	
	5 92M7D7W--		2.8	-76.9	-0.9		-80.6		14	
	6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		14	
	7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		14	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92	
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-E	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										
<input type="checkbox"/> BR7a/BR7b Group id.	346	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA359 E
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880 CR/C/3739			B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle	
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region		
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	E F G LIE	

C2a1 Assigned frequency										
11.45 GHz										
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		18 18 18 18 18 18 18		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	41	1.4	196	1.15	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 347	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use	
BR14 Special Section CR/D/2880 CR/C/3739			BR64 Date of receipt of 1st Res49
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA359 E					
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		20 20 20 20 20 20 20	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-G	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
<input type="checkbox"/>	B1a/BR17 Beam designation DA403	<input type="checkbox"/> B1b Steerable Y	<input type="checkbox"/> B2 Emi-Rcp E	B3a1 Max. co-polar gain 40.3							
B2bis.a Transmit only when visible from notified service area Y			B2bis.b Min. Elev. Angle 2								
B3c1 Co-polar antenna pattern											
Co-polar ref. pattern REC-1528	Coef. A	Coef. B								Co-polar rad. diag.	
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2								
BR92 Attach. for missing angle alpha/beta 5											
B4b4a Max. E.I.R.P. at 4kHz -5.8	B4b4b Average E.I.R.P. at 4kHz -5.8	B4b4c Max. E.I.R.P. at 1MHz 18.2	B4b4d Average E.I.R.P. at 1MHz 18.2								
<input type="checkbox"/> BR7a/BR7b Group id. 1	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880		CR/C/3739									
C4a Class of station EC	EK	ER	C3a Assigned freq. band 500000								
C4b Nature of service CR	OT	OT	C6a Polarization type M	B4b5 Peak of pdf							
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000		C6b Polarization angle								
C11a1 Service area no.	C11a2 Service area XR2		C11a3 Service area diagram								

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM		DB: STEAM-1.MDB		Plan Id.:		Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR		A1f3 Inter. sat. org.		BR1 Date of receipt	27.12.2014	BR20/BR21 BR IFIC no./part	2816/				
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference		9.6		C		BR2 Adm. serial no.		DA403				
C9c1 Type of multiple access		3		C9c2 Spectrum mask diagram		4		C11b Affected region						
A5/A6 Coordinations/Agreements		9.12	Q	E	F	G	LIE							
9.7B		F												
C2a1 Assigned frequency														
10.95	GHz													
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.	
API/A/9509		1	464MD7W--	5.8		-80.9		1.7	-85		2			
		2	232MD7W--	2.8		-80.9		-1.4	-85		2			
		3	185MD7W--	1.8		-80.9		-2.3	-85		2			
		4	116MD7W--	-0.2		-80.9		-4.4	-85		2			
		5	92M7D7W--	-1.2		-80.9		-5.3	-85		2			
		6	46M4D7W--	-4.2		-80.9		-8.3	-85		2			
		7	1M02D7W--	-20.8		-80.9		-24.9	-85		2			
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-A		T				1	TR	OT	27	6.9	439	0.23		
						2	TK	OT						
						3	TC	CR						
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.	
SE-A		AP8												
Findings		2D Date of protection		27.12.2014		13A Conformity with RR		A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review
13C Remarks														
BR7a/BR7b Group id.		2		BR1 Date of receipt		27.12.2014		C2c RR No. 4.4						
A2b Period of valid.		50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use		27.06.2021		BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49				
BR14 Special Section		CR/D/2880		CR/C/3739										
C4a Class of station		EC	EK	ER	C3a Assigned freq. band		500000				B4b5 Peak of pfd			
C4b Nature of service		CR	OT	OT	C6a Polarization type		M		C6b Polarization angle					
C8d1 Max. tot. peak pwr.		8.8		C8d2 Contiguous bandwidth		1000000								
C11a1 Service area no.				C11a2 Service area		XR2				C11a3 Service area diagram				
C9c1 Type of multiple access		3		C9c2 Spectrum mask diagram		4		C11b Affected region						
A5/A6 Coordinations/Agreements		9.12	Q	E	F	G	LIE							
		9.7B	F											

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.		DA403 E

3	185MD7W--	1.8	-80.9	-2.3	-85	5						
4	116MD7W--	-0.2	-80.9	-4.4	-85	5						
5	92M7D7W--	-1.2	-80.9	-5.3	-85	5						
6	46M4D7W--	-4.2	-80.9	-8.3	-85	5						
7	1M02D7W--	-20.8	-80.9	-24.9	-85	5						

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	31	4.4	439	0.36	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	3	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F E F G LIE		

C2a1 Assigned frequency												
10.95	GHz											
A13 Ref. to Special Sections		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509			1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9	-85 -85 -85 -85 -85 -85 -85		7 7 7 7 7 7 7			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK	33	3.5	439	0.46	

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DA403 E					
3 TC CR										
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id. SE-C	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D					
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										
<p><input type="checkbox"/> BR7a/BR7b Group id. 4 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4</p> <p>A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b</p> <p>BR62 Expiry date for bringing into use 27.06.2021 BR63 Confirmed date of bringing into use</p> <p>BR64 Date of receipt of 1st Res49</p> <p>BR14 Special Section CR/D/2880 CR/C/3739</p> <p>C4a Class of station EC EK ER C3a Assigned freq. band 500000 B4b5 Peak of pfd</p> <p>C4b Nature of service CR OT OT C6a Polarization type M C6b Polarization angle</p> <p>C8d1 Max. tot. peak pwr. 8.8 C8d2 Contiguous bandwidth 1000000</p> <p>C11a1 Service area no. C11a2 Service area XR2 C11a3 Service area diagram</p> <p>C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4 C11b Affected region</p> <p>A5/A6 Coordinations/Agreements 9.12 9.7B O F E F G LIE</p>										
C2a1 Assigned frequency										
10.95 GHz										
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	464MD7W--		5.8	-80.9	1.7		-85		10	
2	232MD7W--		2.8	-80.9	-1.4		-85		10	
3	185MD7W--		1.8	-80.9	-2.3		-85		10	
4	116MD7W--		-0.2	-80.9	-4.4		-85		10	
5	92M7D7W--		-1.2	-80.9	-5.3		-85		10	
6	46M4D7W--		-4.2	-80.9	-8.3		-85		10	
7	1M02D7W--		-20.8	-80.9	-24.9		-85		10	
C10b1 Assoc. earth station id. SE-D	C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwthd	C10d6 Noise temp.	C10d7 Ant. diameter		
				1 TR 2 TK 3 TC	35	2.8	374	0.58		
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										
<p><input type="checkbox"/> BR7a/BR7b Group id. 5 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4</p>										

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA403 E					
A2b Period of valid. 50		A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880		CR/C/3739									
C4a Class of station EC EK ER		C3a Assigned freq. band 500000			B4b5 Peak of pfd						
C4b Nature of service CR OT OT		C6a Polarization type M			C6b Polarization angle						
C8d1 Max. tot. peak pwr. 8.8		C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR2			C11a3 Service area diagram						
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4			C11b Affected region						
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	E F G LIE								
C2a1 Assigned frequency											
10.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.
		1 464MD7W--		5.8	-80.9	1.7		-85		14	
		2 232MD7W--		2.8	-80.9	-1.4		-85		14	
		3 185MD7W--		1.8	-80.9	-2.3		-85		14	
		4 116MD7W--		-0.2	-80.9	-4.4		-85		14	
		5 92M7D7W--		-1.2	-80.9	-5.3		-85		14	
		6 46M4D7W--		-4.2	-80.9	-8.3		-85		14	
		7 1M02D7W--		-20.8	-80.9	-24.9		-85		14	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E	T				1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-E	Co-polar ref. pattern AP8	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks											
BR7a/BR7b Group id. 6		BR1 Date of receipt 27.12.2014			C2c RR No. 4.4						
A2b Period of valid. 50		A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880		CR/C/3739						B4b5 Peak of pfd			
C4a Class of station EC EK ER		C3a Assigned freq. band 500000									
C4b Nature of service CR OT OT		C6a Polarization type M			C6b Polarization angle						
C8d1 Max. tot. peak pwr. 8.8		C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR2						C11a3 Service area diagram			
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4			C11b Affected region						

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA403 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE								
C2a1 Assigned frequency												
10.95	GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1 464MD7W--		5.8	-80.9	1.7		-85		18		
		2 232MD7W--		2.8	-80.9	-1.4		-85		18		
		3 185MD7W--		1.8	-80.9	-2.3		-85		18		
		4 116MD7W--		-0.2	-80.9	-4.4		-85		18		
		5 92M7D7W--		-1.2	-80.9	-5.3		-85		18		
		6 46M4D7W--		-4.2	-80.9	-8.3		-85		18		
		7 1M02D7W--		-20.8	-80.9	-24.9		-85		18		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-F	T				1 TR 2 TK 3 TC	41	1.4	196	1.15			
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
SE-F	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												
BR7a/BR7b Group id.	7	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49							
BR14 Special Section	CR/D/2880		CR/C/3739									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd						
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth		1000000								
C11a1 Service area no.		C11a2 Service area		XR2	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE								
C2a1 Assigned frequency												
10.95	GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1 464MD7W--		5.8	-80.9	1.7		-85		20		
		2 232MD7W--		2.8	-80.9	-1.4		-85		20		
		3 185MD7W--		1.8	-80.9	-2.3		-85		20		

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA403 E

4	116MD7W--	-0.2	-80.9	-4.4		-85		20	
5	92M7D7W--	-1.2	-80.9	-5.3		-85		20	
6	46M4D7W--	-4.2	-80.9	-8.3		-85		20	
7	1M02D7W--	-20.8	-80.9	-24.9		-85		20	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtht	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	44	1	196	1.63	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

13C Remarks

BR7a/BR7b Group id.	222	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000
C4b Nature of service	CR	OT	OT	C6a Polarization type M
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000	C6b Polarization angle	B4b5 Peak of pfd
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	E F G LIE	

C2a1 Assigned frequency										
10.95	GHz									
A13	Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		2 2 2 2 2 2 2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtht	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	27	6.9	439	0.23	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA403 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 223	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	

C2a1 Assigned frequency											
10.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
A13 Ref. to Special Sections API/A/9509											
1 464MD7W--		5.8		-80.9		1.7		-85		5	
2 232MD7W--		2.8		-80.9		-1.4		-85		5	
3 185MD7W--		1.8		-80.9		-2.3		-85		5	
4 116MD7W--		-0.2		-80.9		-4.4		-85		5	
5 92M7D7W--		-1.2		-80.9		-5.3		-85		5	
6 46M4D7W--		-4.2		-80.9		-8.3		-85		5	
7 1M02D7W--		-20.8		-80.9		-24.9		-85		5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 224	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO											
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/												
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA403 E											
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49											
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd											
C4a Class of station EC EK ER			C3a Assigned freq. band 500000														
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle											
C8d1 Max. tot. peak pwr. 8.8			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR1 XR3			C11a3 Service area diagram											
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F E F G LIE														
C2a1 Assigned frequency																	
10.95 GHz																	
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8		-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9		1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9			-85 -85 -85 -85 -85 -85 -85		7 7 7 7 7 7 7				
C10b1 Assoc. earth station id. SE-C		C10b2 Type T		C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
							1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46					
C10d5a Co-polar antenna pattern																	
C10b1 Assoc. earth station id. SE-C		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.				
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review							
13C Remarks																	
BR7a/BR7b Group id. 225			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4											
A2b Period of valid. 50			A3a Op. agency 084			A3b Adm. resp. A			BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880			CR/C/3739														
C4a Class of station EC EK ER			C3a Assigned freq. band 500000						B4b5 Peak of pfd								
C4b Nature of service CR OT OT			C6a Polarization type M						C6b Polarization angle								
C8d1 Max. tot. peak pwr. 8.8			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR1 XR3						C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA403 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
10.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		10 10 10 10 10 10 10	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-D	T				1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-D	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

BR7a/BR7b Group id.	226	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000					B4b5 Peak of pfd				
C4b Nature of service	CR OT OT	C6a Polarization type M					C6b Polarization angle				
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR1 XR3					C11a3 Service area diagram				
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4					C11b Affected region				
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
10.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W--		5.8 2.8 1.8 -0.2	-80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4		-85 -85 -85 -85		14 14 14 14	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/									
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA403 E								
		5 92M7D7W--	-1.2	-80.9	-5.3	-85	14							
		6 46M4D7W--	-4.2	-80.9	-8.3	-85	14							
		7 1M02D7W--	-20.8	-80.9	-24.9	-85	14							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
SE-E	T			1 TR 2 TK 3 TC	39	1.7	374	0.92						
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.							
SE-E	AP8													
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review									
13C Remarks														
<input type="checkbox"/> BR7a/BR7b Group id.	227	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4											
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b										
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49									
BR14 Special Section	CR/D/2880	CR/C/3739												
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd								
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle								
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth		1000000										
C11a1 Service area no.		C11a2 Service area	XR1	XR3	C11a3 Service area diagram									
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region									
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE									
C2a1 Assigned frequency														
10.95 GHz														
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		5.8	-80.9		1.7			-85		18		
		2 232MD7W--		2.8	-80.9		-1.4			-85		18		
		3 185MD7W--		1.8	-80.9		-2.3			-85		18		
		4 116MD7W--		-0.2	-80.9		-4.4			-85		18		
		5 92M7D7W--		-1.2	-80.9		-5.3			-85		18		
		6 46M4D7W--		-4.2	-80.9		-8.3			-85		18		
		7 1M02D7W--		-20.8	-80.9		-24.9			-85		18		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
SE-F	T			1 TR 2 TK 3 TC	41	1.4	196	1.15						

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA403 E					
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-F	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										
<input type="checkbox"/> BR7a/BR7b Group id. 228 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4 A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b BR62 Expiry date for bringing into use 27.06.2021 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49 BR14 Special Section CR/D/2880 CR/C/3739 C4a Class of station EC EK ER C3a Assigned freq. band 500000 C4b Nature of service CR OT OT C6a Polarization type M C6b Polarization angle C8d1 Max. tot. peak pwr. 8.8 C8d2 Contiguous bandwidth 1000000 C11a1 Service area no. C11a2 Service area XR1 XR3 C11a3 Service area diagram C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4 C11b Affected region A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE 9.7B										
C2a1 Assigned frequency										
10.95 GHz										
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	464MD7W--		5.8	-80.9	1.7		-85		20	
2	232MD7W--		2.8	-80.9	-1.4		-85		20	
3	185MD7W--		1.8	-80.9	-2.3		-85		20	
4	116MD7W--		-0.2	-80.9	-4.4		-85		20	
5	92M7D7W--		-1.2	-80.9	-5.3		-85		20	
6	46M4D7W--		-4.2	-80.9	-8.3		-85		20	
7	1M02D7W--		-20.8	-80.9	-24.9		-85		20	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63	
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-G	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										
<input type="checkbox"/> BR7a/BR7b Group id. 229 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4 A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b										

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																																																																																											
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																																																											
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA403 E																																																																																																											
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49																																																																																																											
BR14 Special Section CR/D/2880 CR/C/3739			B4b5 Peak of pfd																																																																																																												
C4a Class of station EC EK ER	C3a Assigned freq. band 500000																																																																																																														
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle																																																																																																												
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000																																																																																																														
C11a1 Service area no. C11a2 Service area XR2			C11a3 Service area diagram																																																																																																												
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region																																																																																																												
A5/A6 Coordinations/Agreements 9.12 Q F E F G LIE																																																																																																															
C2a1 Assigned frequency 11.45 GHz																																																																																																															
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																																																																				
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9	-85 -85 -85 -85 -85 -85 -85		2 2 2 2 2 2 2																																																																																																						
C10b1 Assoc. earth station id. SE-A	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																																																						
					1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23																																																																																																					
C10d5a Co-polar antenna pattern																																																																																																															
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.																																																																																																				
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review																																																																																																									
13C Remarks																																																																																																															
<table border="1"> <tr> <td>BR7a/BR7b Group id. 230</td> <td>BR1 Date of receipt 27.12.2014</td> <td>C2c RR No. 4.4</td> </tr> <tr> <td>A2b Period of valid. 50</td> <td>A3a Op. agency 084</td> <td>A3b Adm. resp. A</td> <td colspan="2">BR16 Value of type C8b</td> <td colspan="7"></td> </tr> <tr> <td colspan="2">BR62 Expiry date for bringing into use 27.06.2021</td> <td colspan="2">BR63 Confirmed date of bringing into use</td> <td colspan="2">BR64 Date of receipt of 1st Res49</td> <td colspan="7"></td> </tr> <tr> <td colspan="3">BR14 Special Section CR/D/2880 CR/C/3739</td> <td colspan="2">B4b5 Peak of pfd</td> <td colspan="7"></td> </tr> <tr> <td>C4a Class of station EC EK ER</td> <td colspan="2">C3a Assigned freq. band 500000</td> <td colspan="2"></td> <td colspan="7"></td> </tr> <tr> <td>C4b Nature of service CR OT OT</td> <td colspan="2">C6a Polarization type M</td> <td colspan="2">C6b Polarization angle</td> <td colspan="7"></td> </tr> <tr> <td>C8d1 Max. tot. peak pwr. 8.8</td> <td colspan="2">C8d2 Contiguous bandwidth 1000000</td> <td colspan="2"></td> <td colspan="7"></td> </tr> <tr> <td>C11a1 Service area no. C11a2 Service area XR2</td> <td colspan="2"></td> <td colspan="2">C11a3 Service area diagram</td> <td colspan="7"></td> </tr> <tr> <td>C9c1 Type of multiple access 3</td> <td colspan="2">C9c2 Spectrum mask diagram 4</td> <td colspan="2">C11b Affected region</td> <td colspan="7"></td> </tr> </table>												BR7a/BR7b Group id. 230	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49									BR14 Special Section CR/D/2880 CR/C/3739			B4b5 Peak of pfd									C4a Class of station EC EK ER	C3a Assigned freq. band 500000											C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle									C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000											C11a1 Service area no. C11a2 Service area XR2			C11a3 Service area diagram									C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region								
BR7a/BR7b Group id. 230	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																																																																													
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																																																																												
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49																																																																																																											
BR14 Special Section CR/D/2880 CR/C/3739			B4b5 Peak of pfd																																																																																																												
C4a Class of station EC EK ER	C3a Assigned freq. band 500000																																																																																																														
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle																																																																																																												
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000																																																																																																														
C11a1 Service area no. C11a2 Service area XR2			C11a3 Service area diagram																																																																																																												
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region																																																																																																												

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA403 E						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1	464MD7W--	5.8	-80.9	1.7		-85		5	
		2	232MD7W--	2.8	-80.9	-1.4		-85		5	
		3	185MD7W--	1.8	-80.9	-2.3		-85		5	
		4	116MD7W--	-0.2	-80.9	-4.4		-85		5	
		5	92M7D7W--	-1.2	-80.9	-5.3		-85		5	
		6	46M4D7W--	-4.2	-80.9	-8.3		-85		5	
		7	1M02D7W--	-20.8	-80.9	-24.9		-85		5	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-B	T				1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-B	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

BR7a/BR7b Group id.	231	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd					
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle					
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth	1000000								
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE							
C2a1 Assigned frequency											
11.45	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1	464MD7W--	5.8	-80.9	1.7		-85		7	
		2	232MD7W--	2.8	-80.9	-1.4		-85		7	
		3	185MD7W--	1.8	-80.9	-2.3		-85		7	
		4	116MD7W--	-0.2	-80.9	-4.4		-85		7	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																													
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																														
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.		DA403	E																											
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>-1.2</td><td>-80.9</td><td>-5.3</td><td>-85</td><td></td><td>7</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>-4.2</td><td>-80.9</td><td>-8.3</td><td>-85</td><td></td><td>7</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-20.8</td><td>-80.9</td><td>-24.9</td><td>-85</td><td></td><td>7</td><td></td></tr> </table>									5	92M7D7W--	-1.2	-80.9	-5.3	-85		7		6	46M4D7W--	-4.2	-80.9	-8.3	-85		7		7	1M02D7W--	-20.8	-80.9	-24.9	-85		7	
5	92M7D7W--	-1.2	-80.9	-5.3	-85		7																												
6	46M4D7W--	-4.2	-80.9	-8.3	-85		7																												
7	1M02D7W--	-20.8	-80.9	-24.9	-85		7																												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-C	T			1 TR 2 TK 3 TC	33	3.5	439	0.46																											
C10d5a Co-polar antenna pattern																																			
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																												
SE-C	AP8																																		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																														
13C Remarks																																			
BR7a/BR7b Group id.	232	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																															
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49																													
BR14 Special Section	CR/D/2880	CR/C/3739				B4b5 Peak of pfd																													
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																															
C4b Nature of service	CR	OT	OT	C6a Polarization type M		C6b Polarization angle																													
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000																																	
C11a1 Service area no.		C11a2 Service area XR2				C11a3 Service area diagram																													
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																															
A5/A6 Coordinations/Agreements	9.12	Q	F	E F G LIE																															
C2a1 Assigned frequency																																			
11.45 GHz																																			
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																								
				1 464MD7W--	5.8	-80.9	1.7	-85		10																									
				2 232MD7W--	2.8	-80.9	-1.4	-85		10																									
				3 185MD7W--	1.8	-80.9	-2.3	-85		10																									
				4 116MD7W--	-0.2	-80.9	-4.4	-85		10																									
				5 92M7D7W--	-1.2	-80.9	-5.3	-85		10																									
				6 46M4D7W--	-4.2	-80.9	-8.3	-85		10																									
				7 1M02D7W--	-20.8	-80.9	-24.9	-85		10																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58																											

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA403 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 233	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	

C2a1 Assigned frequency											
11.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
A13 Ref. to Special Sections API/A/9509		1 464MD7W--		5.8 -80.9		1.7		-85		14	
2 232MD7W--		2.8 -80.9		-1.4		-85		14			
3 185MD7W--		1.8 -80.9		-2.3		-85		14			
4 116MD7W--		-0.2 -80.9		-4.4		-85		14			
5 92M7D7W--		-1.2 -80.9		-5.3		-85		14			
6 46M4D7W--		-4.2 -80.9		-8.3		-85		14			
7 1M02D7W--		-20.8 -80.9		-24.9		-85		14			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 234	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA403 E
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880 CR/C/3739			B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle	
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.	C11a2 Service area XR2		C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F E F G LIE		

C2a1 Assigned frequency										
11.45 GHz										
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9	-85 -85 -85 -85 -85 -85 -85			18	18	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	41	1.4	196	1.15	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 235	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use	
BR14 Special Section CR/D/2880 CR/C/3739			BR64 Date of receipt of 1st Res49
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA403 E					
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		20 20 20 20 20 20 20	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-G	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks										

BR7a/BR7b Group id.	348	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49						
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd						
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth	1000000							
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram						
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W--	5.8 2.8 1.8 -0.2	-80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4		-85 -85 -85 -85		2 2 2 2	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/									
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA403 E								
		5 92M7D7W--	-1.2	-80.9	-5.3	-85	2							
		6 46M4D7W--	-4.2	-80.9	-8.3	-85	2							
		7 1M02D7W--	-20.8	-80.9	-24.9	-85	2							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23					
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.							
SE-A	AP8													
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review									
13C Remarks														
BR7a/BR7b Group id.	349	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4											
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b										
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49									
BR14 Special Section	CR/D/2880	CR/C/3739												
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd								
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle								
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth		1000000										
C11a1 Service area no.		C11a2 Service area	XR1	XR3	C11a3 Service area diagram									
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region									
A5/A6 Coordinations/Agreements	9.12	Q		E F G LIE										
9.7B	F													
C2a1 Assigned frequency														
11.45 GHz														
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		5.8	-80.9		1.7			-85		5		
		2 232MD7W--		2.8	-80.9		-1.4			-85		5		
		3 185MD7W--		1.8	-80.9		-2.3			-85		5		
		4 116MD7W--		-0.2	-80.9		-4.4			-85		5		
		5 92M7D7W--		-1.2	-80.9		-5.3			-85		5		
		6 46M4D7W--		-4.2	-80.9		-8.3			-85		5		
		7 1M02D7W--		-20.8	-80.9		-24.9			-85		5		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36					

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DA403 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 350	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	E F G LIE	
9.7B			

C2a1 Assigned frequency											
11.45 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
1 464MD7W--		5.8		-80.9		1.7		-85		7	
2 232MD7W--		2.8		-80.9		-1.4		-85		7	
3 185MD7W--		1.8		-80.9		-2.3		-85		7	
4 116MD7W--		-0.2		-80.9		-4.4		-85		7	
5 92M7D7W--		-1.2		-80.9		-5.3		-85		7	
6 46M4D7W--		-4.2		-80.9		-8.3		-85		7	
7 1M02D7W--		-20.8		-80.9		-24.9		-85		7	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 351	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA403 E
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd
C4a Class of station EC EK ER			C3a Assigned freq. band 500000			
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle
C8d1 Max. tot. peak pwr. 8.8			C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.			C11a2 Service area XR1 XR3			C11a3 Service area diagram
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F E F G LIE			

C2a1 Assigned frequency														
11.45 GHz														
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1	464MD7W--		5.8		-80.9		1.7		-85		10	
		2	232MD7W--		2.8		-80.9		-1.4		-85		10	
		3	185MD7W--		1.8		-80.9		-2.3		-85		10	
		4	116MD7W--		-0.2		-80.9		-4.4		-85		10	
		5	92M7D7W--		-1.2		-80.9		-5.3		-85		10	
		6	46M4D7W--		-4.2		-80.9		-8.3		-85		10	
		7	1M02D7W--		-20.8		-80.9		-24.9		-85		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id. 352	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4			
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880			CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER			C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle
C8d1 Max. tot. peak pwr. 8.8			C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.			C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA403 E					
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		14 14 14 14 14 14 14
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T				1 TR 2 TK 3 TC	39	1.7	374	0.92	
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-E	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks										

BR7a/BR7b Group id.	353	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49						
BR14 Special Section	CR/D/2880	CR/C/3739								
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd						
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth	1000000							
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram						
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region						
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	E F G LIE						
C2a1 Assigned frequency										
11.45	GHz									
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W--		5.8 2.8 1.8 -0.2	-80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4		-85 -85 -85 -85		18 18 18 18

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/									
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DA403 E								
		5 92M7D7W--	-1.2	-80.9	-5.3	-85	18							
		6 46M4D7W--	-4.2	-80.9	-8.3	-85	18							
		7 1M02D7W--	-20.8	-80.9	-24.9	-85	18							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
SE-F	T			1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15					
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.							
SE-F	AP8													
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review									
13C Remarks														
BR7a/BR7b Group id.	354	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4											
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b										
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49									
BR14 Special Section	CR/D/2880	CR/C/3739												
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd								
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle								
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth		1000000										
C11a1 Service area no.		C11a2 Service area	XR1	XR3	C11a3 Service area diagram									
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region									
A5/A6 Coordinations/Agreements		9.12	Q	F	E F G LIE									
C2a1 Assigned frequency														
11.45 GHz														
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		5.8	-80.9		1.7			-85		20		
		2 232MD7W--		2.8	-80.9		-1.4			-85		20		
		3 185MD7W--		1.8	-80.9		-2.3			-85		20		
		4 116MD7W--		-0.2	-80.9		-4.4			-85		20		
		5 92M7D7W--		-1.2	-80.9		-5.3			-85		20		
		6 46M4D7W--		-4.2	-80.9		-8.3			-85		20		
		7 1M02D7W--		-20.8	-80.9		-24.9			-85		20		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63					

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DA403 E								
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id. SE-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review									
13C Remarks													
B1a/BR17 Beam designation DB263	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 26.3										
B2bis.a Transmit only when visible from notified service area Y		B2bis.b Min. Elev. Angle 2											
B3c1 Co-polar antenna pattern													
Co-polar ref. pattern REC-1528	Coef. A	Coef. B				Co-polar rad. diag.							
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2										
BR92 Attach. for missing angle alpha/beta 5													
B4b4a Max. E.I.R.P. at 4kHz -8.5	B4b4b Average E.I.R.P. at 4kHz -8.5	B4b4c Max. E.I.R.P. at 1MHz 15.5	B4b4d Average E.I.R.P. at 1MHz 15.5										
BR7a/BR7b Group id. 43	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4											
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b										
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49									
BR14 Special Section CR/D/2880	CR/C/3739												
C4a Class of station EC EK ER	C3a Assigned freq. band 500000												
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle										
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no.	C11a2 Service area XR2		C11a3 Service area diagram										
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region										
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	G LIE										
C2a1 Assigned frequency													
11.95 GHz													
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--		17	-69.6	15.7		-71		2			
		2 232MD7W--		14	-69.6	12.6		-71		2			
		3 185MD7W--		13.1	-69.6	11.7		-71		2			
		4 116MD7W--		11	-69.6	9.6		-71		2			
		5 92M7D7W--		10	-69.6	8.7		-71		2			
		6 46M4D7W--		7	-69.6	5.7		-71		2			
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		2			
C10b1 Assoc. earth station id. SE-A		C10b2 Type T		C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwthd	C10d6 Noise temp.	C10d7 Ant. diameter	
							1 TR	OT	27	6.9	439	0.23	
							2 TK	OT					

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																																										
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																										
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.																																																										
		3 TC	CR		DB263 E																																																										
C10d5a Co-polar antenna pattern																																																															
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D																																																										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																										
13C Remarks																																																															
<table border="1"> <tr> <td>BR7a/BR7b Group id.</td> <td>44</td> <td>BR1 Date of receipt 27.12.2014</td> <td>C2c RR No. 4.4</td> </tr> <tr> <td>A2b Period of valid.</td> <td>50</td> <td>A3a Op. agency 084</td> <td>A3b Adm. resp. A</td> <td>BR16 Value of type C8b</td> </tr> <tr> <td>BR62 Expiry date for bringing into use</td> <td>27.06.2021</td> <td>BR63 Confirmed date of bringing into use</td> <td colspan="3">BR64 Date of receipt of 1st Res49</td> </tr> <tr> <td>BR14 Special Section</td> <td>CR/D/2880</td> <td>CR/C/3739</td> <td colspan="3"></td> </tr> <tr> <td>C4a Class of station</td> <td>EC EK ER</td> <td>C3a Assigned freq. band 500000</td> <td colspan="3">B4b5 Peak of pfd</td> </tr> <tr> <td>C4b Nature of service</td> <td>CR OT OT</td> <td>C6a Polarization type M</td> <td colspan="3">C6b Polarization angle</td> </tr> <tr> <td>C8d1 Max. tot. peak pwr.</td> <td>20</td> <td>C8d2 Contiguous bandwidth 1000000</td> <td colspan="3"></td> </tr> <tr> <td>C11a1 Service area no.</td> <td colspan="2">C11a2 Service area XR2</td> <td colspan="3">C11a3 Service area diagram</td> </tr> <tr> <td>C9c1 Type of multiple access</td> <td>3</td> <td>C9c2 Spectrum mask diagram 4</td> <td colspan="3">C11b Affected region</td> </tr> <tr> <td>A5/A6 Coordinations/Agreements</td> <td>9.12 9.7B</td> <td>O F</td> <td>G LIE</td> <td colspan="3"></td> </tr> </table>						BR7a/BR7b Group id.	44	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49			BR14 Special Section	CR/D/2880	CR/C/3739				C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd			C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle			C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000				C11a1 Service area no.	C11a2 Service area XR2		C11a3 Service area diagram			C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region			A5/A6 Coordinations/Agreements	9.12 9.7B	O F	G LIE			
BR7a/BR7b Group id.	44	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																												
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																											
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49																																																												
BR14 Special Section	CR/D/2880	CR/C/3739																																																													
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd																																																												
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle																																																												
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000																																																													
C11a1 Service area no.	C11a2 Service area XR2		C11a3 Service area diagram																																																												
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region																																																												
A5/A6 Coordinations/Agreements	9.12 9.7B	O F	G LIE																																																												
C2a1 Assigned frequency																																																															
11.95 GHz																																																															
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																				
		1 464MD7W--		17	-69.6	15.7		-71		3																																																					
		2 232MD7W--		14	-69.6	12.6		-71		3																																																					
		3 185MD7W--		13.1	-69.6	11.7		-71		3																																																					
		4 116MD7W--		11	-69.6	9.6		-71		3																																																					
		5 92M7D7W--		10	-69.6	8.7		-71		3																																																					
		6 46M4D7W--		7	-69.6	5.7		-71		3																																																					
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		3																																																					
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																							
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36																																																						
C10d5a Co-polar antenna pattern																																																															
C10b1 Assoc. earth station id. SE-B	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																								
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																										
13C Remarks																																																															
<table border="1"> <tr> <td>BR7a/BR7b Group id.</td> <td>45</td> <td>BR1 Date of receipt 27.12.2014</td> <td>C2c RR No. 4.4</td> </tr> </table>						BR7a/BR7b Group id.	45	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																						
BR7a/BR7b Group id.	45	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																												

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB263 E								
A2b Period of valid. 50		A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49									
BR14 Special Section CR/D/2880		CR/C/3739											
C4a Class of station EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd									
C4b Nature of service CR	OT	OT	C6a Polarization type M	C6b Polarization angle									
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no.	C11a2 Service area XR2				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region										
A5/A6 Coordinations/Agreements 9.12		Q	G	LIE									
9.7B		F											
C2a1 Assigned frequency													
11.95 GHz													
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.		
				1 464MD7W--	17	-69.6	15.7	-71		5			
				2 232MD7W--	14	-69.6	12.6	-71		5			
				3 185MD7W--	13.1	-69.6	11.7	-71		5			
				4 116MD7W--	11	-69.6	9.6	-71		5			
				5 92M7D7W--	10	-69.6	8.7	-71		5			
				6 46M4D7W--	7	-69.6	5.7	-71		5			
				7 1M02D7W--	-9.5	-69.6	-10.9	-71		5			
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-C		T				1 TR	OT	33	3.5	439	0.46		
3 TC					2 TK	OT							
3 CR					3 CR								
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id. SE-C		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks													

<input type="checkbox"/> BR7a/BR7b Group id.	46	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4						
A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b				
BR62 Expiry date for bringing into use			27.06.2021	BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49		
BR14 Special Section			CR/D/2880	CR/C/3739						
C4a Class of station			EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd		
C4b Nature of service			CR	OT	OT	C6a Polarization type	M	C6b Polarization angle		
C8d1 Max. tot. peak pwr.			20	C8d2 Contiguous bandwidth			1000000			
C11a1 Service area no.				C11a2 Service area			XR2	C11a3 Service area diagram		
C9c1 Type of multiple access			3	C9c2 Spectrum mask diagram			4	C11b Affected region		

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO									
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/									
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB263 E									
A5/A6 Coordinations/Agreements		9.12	Q F	F G LIE										
C2a1 Assigned frequency														
11.95	GHz													
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71	8					
		2 232MD7W--		14	-69.6	12.6		-71	8					
		3 185MD7W--		13.1	-69.6	11.7		-71	8					
		4 116MD7W--		11	-69.6	9.6		-71	8					
		5 92M7D7W--		10	-69.6	8.7		-71	8					
		6 46M4D7W--		7	-69.6	5.7		-71	8					
		7 1M02D7W--		-9.5	-69.6	-10.9		-71	8					
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter				
SE-D		T				1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58			
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id.		Co-polar ref. pattern	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
SE-D		AP8												
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks														
BR7a/BR7b Group id.		47	BR1 Date of receipt 27.12.2014		C2c RR No. 4.4									
A2b Period of valid.		50	A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b							
BR62 Expiry date for bringing into use		27.06.2021		BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49						
BR14 Special Section		CR/D/2880		CR/C/3739										
C4a Class of station		EC	EK	ER	C3a Assigned freq. band 500000				B4b5 Peak of pfd					
C4b Nature of service		CR	OT	OT	C6a Polarization type M		C6b Polarization angle							
C8d1 Max. tot. peak pwr.		20	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.		C11a2 Service area XR2						C11a3 Service area diagram						
C9c1 Type of multiple access		3	C9c2 Spectrum mask diagram 4		C11b Affected region									
A5/A6 Coordinations/Agreements		9.12	Q F	F G LIE										
C2a1 Assigned frequency														
11.95	GHz													
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
API/A/9509		1 464MD7W--		17	-69.6	15.7		-71	10					
		2 232MD7W--		14	-69.6	12.6		-71	10					
		3 185MD7W--		13.1	-69.6	11.7		-71	10					

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

4	116MD7W--	11	-69.6	9.6	-71	10		
5	92M7D7W--	10	-69.6	8.7	-71	10		
6	46M4D7W--	7	-69.6	5.7	-71	10		
7	1M02D7W--	-9.5	-69.6	-10.9	-71	10		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtht	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

13C Remarks	
-------------	--

BR7a/BR7b Group id. 48	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	F G LIE	
9.7B			

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1 464MD7W--	17	-69.6	15.7	-71				16		
2 232MD7W--	14	-69.6	12.6	-71				16		
3 185MD7W--	13.1	-69.6	11.7	-71				16		
4 116MD7W--	11	-69.6	9.6	-71				16		
5 92M7D7W--	10	-69.6	8.7	-71				16		
6 46M4D7W--	7	-69.6	5.7	-71				16		
7 1M02D7W--	-9.5	-69.6	-10.9	-71				16		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtht	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	41	1.4	196	1.15	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	DB263 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-F	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	49	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	G LIE	

C2a1 Assigned frequency											
11.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		API/A/9509		1	464MD7W--	17	-69.6	15.7	-71	18	
				2	232MD7W--	14	-69.6	12.6	-71	18	
				3	185MD7W--	13.1	-69.6	11.7	-71	18	
				4	116MD7W--	11	-69.6	9.6	-71	18	
				5	92M7D7W--	10	-69.6	8.7	-71	18	
				6	46M4D7W--	7	-69.6	5.7	-71	18	
				7	1M02D7W--	-9.5	-69.6	-10.9	-71	18	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	271	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
<input checked="" type="checkbox"/>	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49										
BR14 Special Section CR/D/2880			CR/C/3739											
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd										
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle										
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000													
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram										
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region										
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE														
C2a1 Assigned frequency														
12.45 GHz														
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
		1 464MD7W--		17	-69.6	15.7		-71		2				
		2 232MD7W--		14	-69.6	12.6		-71		2				
		3 185MD7W--		13.1	-69.6	11.7		-71		2				
		4 116MD7W--		11	-69.6	9.6		-71		2				
		5 92M7D7W--		10	-69.6	8.7		-71		2				
		6 46M4D7W--		7	-69.6	5.7		-71		2				
		7 1M02D7W--		-9.5	-69.6	-10.9		-71		2				
C10b1 Assoc. earth station id. SE-A		C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter				
						1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23			
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id. SE-A		Co-polar ref. pattern AP8		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks			13B3 Date of Review						
13C Remarks														
<hr/>														
<input type="checkbox"/>	BR7a/BR7b Group id. 272	BR1 Date of receipt 27.12.2014			C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b											
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739							B4b5 Peak of pfd				
C4a Class of station EC EK ER	C3a Assigned freq. band 500000									B4b5 Peak of pfd				
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle										
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000													
C11a1 Service area no. C11a2 Service area XR2										C11a3 Service area diagram				
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region										
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE														

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9		-71 -71 -71 -71 -71 -71 -71		3 3 3 3 3 3 3		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	273	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G J LIE		

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9		-71 -71 -71 -71 -71 -71 -71		5 5 5 5 5 5 5		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	274	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000
C4b Nature of service	CR	OT	OT	C6a Polarization type M
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth	1000000	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency

12.45 GHz									
A13 Ref. to Special Sections		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio
API/A/9509		1 464MD7W--	17	-69.6	15.7		-71		8
		2 232MD7W--	14	-69.6	12.6		-71		8
		3 185MD7W--	13.1	-69.6	11.7		-71		8
		4 116MD7W--	11	-69.6	9.6		-71		8
		5 92M7D7W--	10	-69.6	8.7		-71		8
		6 46M4D7W--	7	-69.6	5.7		-71		8
		7 1M02D7W--	-9.5	-69.6	-10.9		-71		8

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 275	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G J LIE		

C2a1 Assigned frequency																			
12.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
A13 Ref. to Special Sections API/A/9509		1	464MD7W--		17		-69.6		15.7		-71					10			
		2	232MD7W--		14		-69.6		12.6		-71					10			
		3	185MD7W--		13.1		-69.6		11.7		-71					10			
		4	116MD7W--		11		-69.6		9.6		-71					10			
		5	92M7D7W--		10		-69.6		8.7		-71					10			
		6	46M4D7W--		7		-69.6		5.7		-71					10			
		7	1M02D7W--		-9.5		-69.6		-10.9		-71					10			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-E	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

<input type="checkbox"/> BR7a/BR7b Group id. 276	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

C8d1 Max. tot. peak pwr. 20 C8d2 Contiguous bandwidth 1000000

C11a1 Service area no. C11a2 Service area XR2

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4

C11b Affected region

C11a3 Service area diagram

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

12.45 GHz																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1	464MD7W--		17		-69.6		15.7			-71				16			
		2	232MD7W--		14		-69.6		12.6			-71				16			
		3	185MD7W--		13.1		-69.6		11.7			-71				16			
		4	116MD7W--		11		-69.6		9.6			-71				16			
		5	92M7D7W--		10		-69.6		8.7			-71				16			
		6	46M4D7W--		7		-69.6		5.7			-71				16			
		7	1M02D7W--		-9.5		-69.6		-10.9			-71				16			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 277 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC EK ER

C3a Assigned freq. band 500000

B4b5 Peak of pfd

C4b Nature of service CR OT OT

C6a Polarization type M

C6b Polarization angle

C8d1 Max. tot. peak pwr. 20

C8d2 Contiguous bandwidth 1000000

C11a1 Service area no. C11a2 Service area XR2

C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

12.45 GHz																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1	464MD7W--		17		-69.6		15.7			-71				18			

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

2	232MD7W--	14	-69.6	12.6	-71	18
3	185MD7W--	13.1	-69.6	11.7	-71	18
4	116MD7W--	11	-69.6	9.6	-71	18
5	92M7D7W--	10	-69.6	8.7	-71	18
6	46M4D7W--	7	-69.6	5.7	-71	18
7	1M02D7W--	-9.5	-69.6	-10.9	-71	18

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR OT 2 TK OT 3 TC CR	44	1	196	1.63	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id. 355	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements 9.12	Q F G LIE	

C2a1 Assigned frequency											
11.95	GHz	A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509			1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9	-71 -71 -71 -71 -71 -71 -71			2 2 2 2 2 2 2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR OT 2 TK OT	27	6.9	439	0.23	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO																																																										
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																									
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.																																																									
		3 TC CR			DB263 E																																																									
C10d5a Co-polar antenna pattern																																																														
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D																																																									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																									
13C Remarks																																																														
<table border="1"> <tr> <td>BR7a/BR7b Group id.</td> <td>356</td> <td>BR1 Date of receipt 27.12.2014</td> <td>C2c RR No. 4.4</td> </tr> <tr> <td>A2b Period of valid.</td> <td>50</td> <td>A3a Op. agency 084</td> <td>A3b Adm. resp. A</td> <td>BR16 Value of type C8b</td> </tr> <tr> <td>BR62 Expiry date for bringing into use</td> <td>27.06.2021</td> <td>BR63 Confirmed date of bringing into use</td> <td colspan="3">BR64 Date of receipt of 1st Res49</td> </tr> <tr> <td>BR14 Special Section</td> <td>CR/D/2880</td> <td>CR/C/3739</td> <td colspan="3"></td> </tr> <tr> <td>C4a Class of station</td> <td>EC EK ER</td> <td>C3a Assigned freq. band 500000</td> <td colspan="3">B4b5 Peak of pfd</td> </tr> <tr> <td>C4b Nature of service</td> <td>CR OT OT</td> <td>C6a Polarization type M</td> <td colspan="3">C6b Polarization angle</td> </tr> <tr> <td>C8d1 Max. tot. peak pwr.</td> <td>20</td> <td>C8d2 Contiguous bandwidth 1000000</td> <td colspan="3"></td> </tr> <tr> <td>C11a1 Service area no.</td> <td colspan="2">C11a2 Service area XR1 XR3</td> <td colspan="3">C11a3 Service area diagram</td> </tr> <tr> <td>C9c1 Type of multiple access</td> <td>3</td> <td>C9c2 Spectrum mask diagram 4</td> <td colspan="3">C11b Affected region</td> </tr> <tr> <td colspan="6">A5/A6 Coordinations/Agreements 9.12 O F G LIE</td> </tr> </table>						BR7a/BR7b Group id.	356	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49			BR14 Special Section	CR/D/2880	CR/C/3739				C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd			C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle			C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000				C11a1 Service area no.	C11a2 Service area XR1 XR3		C11a3 Service area diagram			C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region			A5/A6 Coordinations/Agreements 9.12 O F G LIE					
BR7a/BR7b Group id.	356	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																											
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																										
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49																																																											
BR14 Special Section	CR/D/2880	CR/C/3739																																																												
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd																																																											
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle																																																											
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000																																																												
C11a1 Service area no.	C11a2 Service area XR1 XR3		C11a3 Service area diagram																																																											
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region																																																											
A5/A6 Coordinations/Agreements 9.12 O F G LIE																																																														
C2a1 Assigned frequency																																																														
11.95 GHz																																																														
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.		C8c3 Min. pwr dens.		C8c4 Attach.		C8e1 C/N ratio		C8e2 Attach.																																												
		1 464MD7W--		17		-69.6		15.7		-71		3																																																		
		2 232MD7W--		14		-69.6		12.6		-71		3																																																		
		3 185MD7W--		13.1		-69.6		11.7		-71		3																																																		
		4 116MD7W--		11		-69.6		9.6		-71		3																																																		
		5 92M7D7W--		10		-69.6		8.7		-71		3																																																		
		6 46M4D7W--		7		-69.6		5.7		-71		3																																																		
		7 1M02D7W--		-9.5		-69.6		-10.9		-71		3																																																		
C10b1 Assoc. earth station id. SE-B		C10b2 Type T		C10c1 Geographical coord.		C10d1/C10d2 Ctry		C10d3 Max. iso. gain		C10d4 Bmwth		C10d6 Noise temp.		C10d7 Ant. diameter																																																
		1 TR	OT	2 TK	OT	3 TC	CR	31	4.4	439	0.36																																																			
C10d5a Co-polar antenna pattern																																																														
C10b1 Assoc. earth station id. SE-B		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1		Co-polar rad. diag.																																																
Findings 2D Date of protection 27.12.2014						13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review																																																		
13C Remarks																																																														
<table border="1"> <tr> <td>BR7a/BR7b Group id.</td> <td>357</td> <td>BR1 Date of receipt 27.12.2014</td> <td>C2c RR No. 4.4</td> </tr> <tr> <td>A2b Period of valid.</td> <td>50</td> <td>A3a Op. agency 084</td> <td>A3b Adm. resp. A</td> <td>BR16 Value of type C8b</td> </tr> </table>						BR7a/BR7b Group id.	357	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																
BR7a/BR7b Group id.	357	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																											
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																										

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO							
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E							
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880 CR/C/3739											
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd								
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle								
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 Q F G LIE											
C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1 464MD7W--	17	-69.6	15.7	-71	5						
2 232MD7W--	14	-69.6	12.6	-71	5						
3 185MD7W--	13.1	-69.6	11.7	-71	5						
4 116MD7W--	11	-69.6	9.6	-71	5						
5 92M7D7W--	10	-69.6	8.7	-71	5						
6 46M4D7W--	7	-69.6	5.7	-71	5						
7 1M02D7W--	-9.5	-69.6	-10.9	-71	5						
C10b1 Assoc. earth station id. SE-C	C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter			
1 TR	2 TK	3 TC		33	3.5	439	0.46				
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-C	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
<input type="checkbox"/> BR7a/BR7b Group id. 358	BR1 Date of receipt 27.12.2014		C2c RR No. 4.4								
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880 CR/C/3739											
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd								
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle								
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 Q F G LIE											

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

C2a1 Assigned frequency									
11.95	GHz								
A13 Ref. to Special Sections		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9		-71 -71 -71 -71 -71 -71 -71		8 8 8 8 8 8 8

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	359	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G LIE	

C2a1 Assigned frequency									
11.95	GHz								
A13 Ref. to Special Sections		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9		-71 -71 -71 -71 -71 -71 -71		10 10 10 10 10 10 10

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	360	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000
C4b Nature of service	CR	OT	OT	C6a Polarization type M
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000		C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE	

C2a1 Assigned frequency

11.95 GHz									
A13 Ref. to Special Sections		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio
API/A/9509		1 464MD7W--	17	-69.6	15.7		-71		16
		2 232MD7W--	14	-69.6	12.6		-71		16
		3 185MD7W--	13.1	-69.6	11.7		-71		16
		4 116MD7W--	11	-69.6	9.6		-71		16
		5 92M7D7W--	10	-69.6	8.7		-71		16
		6 46M4D7W--	7	-69.6	5.7		-71		16
		7 1M02D7W--	-9.5	-69.6	-10.9		-71		16

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 361	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G LIE			

C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509	1	464MD7W--		17	-69.6	15.7		-71		18	
	2	232MD7W--		14	-69.6	12.6		-71		18	
	3	185MD7W--		13.1	-69.6	11.7		-71		18	
	4	116MD7W--		11	-69.6	9.6		-71		18	
	5	92M7D7W--		10	-69.6	8.7		-71		18	
	6	46M4D7W--		7	-69.6	5.7		-71		18	
	7	1M02D7W--		-9.5	-69.6	-10.9		-71		18	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

<input type="checkbox"/> BR7a/BR7b Group id. 362	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E					
C8d1 Max. tot. peak pwr. 20		C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram							
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	F G J LIE AUS G								
C2a1 Assigned frequency											
12.45 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9	-71 -71 -71 -71 -71 -71 -71			2 2 2 2 2 2 2	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-A	T				1 TR 2 TK 3 TC	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks		13B3 Date of Review					
13C Remarks											
BR7a/BR7b Group id. 363		BR1 Date of receipt 27.12.2014		C2c RR No. 4.4							
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b					
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880		CR/C/3739									
C4a Class of station EC EK ER		C3a Assigned freq. band 500000						B4b5 Peak of pfd			
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle							
C8d1 Max. tot. peak pwr. 20		C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR1 XR3						C11a3 Service area diagram			
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	F G J LIE AUS G								
C2a1 Assigned frequency											
12.45 GHz											

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9		-71 -71 -71 -71 -71 -71 -71		3 3 3 3 3 3 3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	364	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	20	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F F AUS G	F G J LIE

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9		-71 -71 -71 -71 -71 -71 -71		5 5 5 5 5 5 5	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id. 365	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	F G J LIE AUS G

C2a1 Assigned frequency									
12.45 GHz									
A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--		17	-69.6	15.7		-71		8	
2 232MD7W--		14	-69.6	12.6		-71		8	
3 185MD7W--		13.1	-69.6	11.7		-71		8	
4 116MD7W--		11	-69.6	9.6		-71		8	
5 92M7D7W--		10	-69.6	8.7		-71		8	
6 46M4D7W--		7	-69.6	5.7		-71		8	
7 1M02D7W--		-9.5	-69.6	-10.9		-71		8	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 366	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 20	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no. C11a2 Service area XR1 XR3	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	F G J LIE AUS G	

C2a1 Assigned frequency										
12.45 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	464MD7W--		17	-69.6	15.7	-71			10	
2	232MD7W--		14	-69.6	12.6	-71			10	
3	185MD7W--		13.1	-69.6	11.7	-71			10	
4	116MD7W--		11	-69.6	9.6	-71			10	
5	92M7D7W--		10	-69.6	8.7	-71			10	
6	46M4D7W--		7	-69.6	5.7	-71			10	
7	1M02D7W--		-9.5	-69.6	-10.9	-71			10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-E	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 367	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E					
C4a Class of station			EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd						
C4b Nature of service			CR OT OT	C6a Polarization type M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.			20	C8d2 Contiguous bandwidth 1000000							
C11a1 Service area no.			C11a2 Service area XR1 XR3	C11a3 Service area diagram							
C9c1 Type of multiple access			3	C9c2 Spectrum mask diagram 4	C11b Affected region						
A5/A6 Coordinations/Agreements			9.12 9.7B	Q F	F G J LIE AUS G						
C2a1 Assigned frequency											
12.45 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9		-71 -71 -71 -71 -71 -71 -71		16 16 16 16 16 16 16	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-F	T				1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-F	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks			13B3 Date of Review				
13C Remarks											
BR7a/BR7b Group id. 368			BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid. 50			A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49		
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station			EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd						
C4b Nature of service			CR OT OT	C6a Polarization type M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.			20	C8d2 Contiguous bandwidth 1000000							
C11a1 Service area no.			C11a2 Service area XR1 XR3	C11a3 Service area diagram							
C9c1 Type of multiple access			3	C9c2 Spectrum mask diagram 4	C11b Affected region						
A5/A6 Coordinations/Agreements			9.12 9.7B	Q F	F G J LIE AUS G						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB263 E

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	17 14 13.1 11 10 7 -9.5	-69.6 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	15.7 12.6 11.7 9.6 8.7 5.7 -10.9	-71 -71 -71 -71 -71 -71 -71			18 18 18 18 18 18 18	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

B1a/BR17 Beam designation DB279	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 27.9
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area Y B2bis.b Min. Elev. Angle 2

B3c1 Co-polar antenna pattern			
Co-polar ref. pattern	Coef. A	Coef. B	Co-polar rad. diag.
REC-1528			

B4a3a1 Angle alpha B4a3a2 Angle beta B4b2 Gain vs elev. ang. diag. 1 B4b3 Spreading loss data 2

BR92 Attach. for missing angle alpha/beta 5

B4b4a Max. E.I.R.P. at 4kHz -8.2 B4b4b Average E.I.R.P. at 4kHz -8.2 B4b4c Max. E.I.R.P. at 1MHz 15.8 B4b4d Average E.I.R.P. at 1MHz 15.8

BR7a/BR7b Group id. 50 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021 BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC EK ER

C3a Assigned freq. band 500000

B4b5 Peak of pfd

C4b Nature of service CR OT OT

C6a Polarization type M

C6b Polarization angle

C8d1 Max. tot. peak pwr. 18.8 C8d2 Contiguous bandwidth 1000000

C11a1 Service area no. C11a2 Service area XR2

C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4

C11b Affected region

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB279 E

A5/A6 Coordinations/Agreements	9.12	Q	F	G	LIE	
	9.7B					

C2a1 Assigned frequency									
11.95	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr
API/A/9509		1	464MD7W--		15.8		-70.9	14.1	
		2	232MD7W--		12.8		-70.9	11	
		3	185MD7W--		11.8		-70.9	10.1	
		4	116MD7W--		9.8		-70.9	8	
		5	92M7D7W--		8.8		-70.9	7.1	
		6	46M4D7W--		5.8		-70.9	4.1	
		7	1M02D7W--		-10.8		-70.9	-12.5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	51	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd	
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000		
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F	G LIE	
	9.7B				

C2a1 Assigned frequency									
11.95	GHz								
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr
API/A/9509		1	464MD7W--		15.8		-70.9	14.1	
		2	232MD7W--		12.8		-70.9	11	
		3	185MD7W--		11.8		-70.9	10.1	
		4	116MD7W--		9.8		-70.9	8	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																													
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																														
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB279	E																												
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>8.8</td><td>-70.9</td><td>7.1</td><td>-72.6</td><td></td><td>3</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>5.8</td><td>-70.9</td><td>4.1</td><td>-72.6</td><td></td><td>3</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-10.8</td><td>-70.9</td><td>-12.5</td><td>-72.6</td><td></td><td>3</td><td></td></tr> </table>									5	92M7D7W--	8.8	-70.9	7.1	-72.6		3		6	46M4D7W--	5.8	-70.9	4.1	-72.6		3		7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		3	
5	92M7D7W--	8.8	-70.9	7.1	-72.6		3																												
6	46M4D7W--	5.8	-70.9	4.1	-72.6		3																												
7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		3																												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36																										
C10d5a Co-polar antenna pattern																																			
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																												
SE-B	AP8																																		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																														
13C Remarks																																			
BR7a/BR7b Group id. 52		BR1 Date of receipt 27.12.2014			C2c RR No. 4.4																														
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																															
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																														
BR14 Special Section	CR/D/2880	CR/C/3739																																	
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																															
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																														
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000																																	
C11a1 Service area no.		C11a2 Service area XR2			C11a3 Service area diagram																														
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4			C11b Affected region																														
A5/A6 Coordinations/Agreements 9.12 Q G LIE 9.7B F																																			
C2a1 Assigned frequency																																			
11.95 GHz																																			
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																								
				1 464MD7W--	15.8	-70.9	14.1	-72.6		5																									
				2 232MD7W--	12.8	-70.9	11	-72.6		5																									
				3 185MD7W--	11.8	-70.9	10.1	-72.6		5																									
				4 116MD7W--	9.8	-70.9	8	-72.6		5																									
				5 92M7D7W--	8.8	-70.9	7.1	-72.6		5																									
				6 46M4D7W--	5.8	-70.9	4.1	-72.6		5																									
				7 1M02D7W--	-10.8	-70.9	-12.5	-72.6		5																									
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46																										

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	53	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	G LIE	

C2a1 Assigned frequency											
11.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		API/A/9509		1	464MD7W--	15.8	-70.9	14.1		-72.6	8
				2	232MD7W--	12.8	-70.9	11		-72.6	8
				3	185MD7W--	11.8	-70.9	10.1		-72.6	8
				4	116MD7W--	9.8	-70.9	8		-72.6	8
				5	92M7D7W--	8.8	-70.9	7.1		-72.6	8
				6	46M4D7W--	5.8	-70.9	4.1		-72.6	8
				7	1M02D7W--	-10.8	-70.9	-12.5		-72.6	8

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	54	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DB279 E					
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd					
C4a Class of station EC EK ER	C3a Assigned freq. band 500000										
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 Q F G LIE											
C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--		15.8	-70.9	14.1		-72.6		10	
		2 232MD7W--		12.8	-70.9	11		-72.6		10	
		3 185MD7W--		11.8	-70.9	10.1		-72.6		10	
		4 116MD7W--		9.8	-70.9	8		-72.6		10	
		5 92M7D7W--		8.8	-70.9	7.1		-72.6		10	
		6 46M4D7W--		5.8	-70.9	4.1		-72.6		10	
		7 1M02D7W--		-10.8	-70.9	-12.5		-72.6		10	
C10b1 Assoc. earth station id. SE-E	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
					1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-E	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks											
BR7a/BR7b Group id. 55			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4					
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49		
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000									B4b5 Peak of pfd	
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR2										C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

A5/A6 Coordinations/Agreements	9.12	Q	F	G LIE	9.7B
--------------------------------	------	---	---	-------	------

C2a1 Assigned frequency											
11.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	15.8	-70.9	14.1	-72.6		16	
2 232MD7W--		2	12.8	-70.9	11	-72.6		-72.6		16	
3 185MD7W--		3	11.8	-70.9	10.1	-72.6		-72.6		16	
4 116MD7W--		4	9.8	-70.9	8	-72.6		-72.6		16	
5 92M7D7W--		5	8.8	-70.9	7.1	-72.6		-72.6		16	
6 46M4D7W--		6	5.8	-70.9	4.1	-72.6		-72.6		16	
7 1M02D7W--		7	-10.8	-70.9	-12.5	-72.6		-72.6		16	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	56	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE
9.7B	F		

C2a1 Assigned frequency											
11.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	15.8	-70.9	14.1	-72.6		18	
2 232MD7W--		2	12.8	-70.9	11	-72.6		-72.6		18	
3 185MD7W--		3	11.8	-70.9	10.1	-72.6		-72.6		18	
4 116MD7W--		4	9.8	-70.9	8	-72.6		-72.6		18	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB279 E																																	
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td><td>8.8</td><td>-70.9</td><td>7.1</td><td>-72.6</td><td></td><td>18</td><td></td><td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td><td>5.8</td><td>-70.9</td><td>4.1</td><td>-72.6</td><td></td><td>18</td><td></td><td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td><td>-10.8</td><td>-70.9</td><td>-12.5</td><td>-72.6</td><td></td><td>18</td><td></td><td></td> </tr> </table>										5	92M7D7W--	8.8	-70.9	7.1	-72.6		18			6	46M4D7W--	5.8	-70.9	4.1	-72.6		18			7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		18		
5	92M7D7W--	8.8	-70.9	7.1	-72.6		18																																
6	46M4D7W--	5.8	-70.9	4.1	-72.6		18																																
7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		18																																
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																													
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-G	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.	278	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																		
BR14 Special Section	CR/D/2880	CR/C/3739																																					
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd																																	
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle																																	
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000																																				
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram																																			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region																																			
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE																																							
C2a1 Assigned frequency																																							
12.45 GHz																																							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																												
API/A/9509		1 464MD7W--	15.8	-70.9	14.1		-72.6		2																														
		2 232MD7W--	12.8	-70.9	11		-72.6		2																														
		3 185MD7W--	11.8	-70.9	10.1		-72.6		2																														
		4 116MD7W--	9.8	-70.9	8		-72.6		2																														
		5 92M7D7W--	8.8	-70.9	7.1		-72.6		2																														
		6 46M4D7W--	5.8	-70.9	4.1		-72.6		2																														
		7 1M02D7W--	-10.8	-70.9	-12.5		-72.6		2																														
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-A	T				1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23																													

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB279 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	279	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency											
12.45 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509		1	464MD7W--		15.8		-70.9	14.1		-72.6	
		2	232MD7W--		12.8		-70.9	11		-72.6	
		3	185MD7W--		11.8		-70.9	10.1		-72.6	
		4	116MD7W--		9.8		-70.9	8		-72.6	
		5	92M7D7W--		8.8		-70.9	7.1		-72.6	
		6	46M4D7W--		5.8		-70.9	4.1		-72.6	
		7	1M02D7W--		-10.8		-70.9	-12.5		-72.6	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id.	280	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
<input checked="" type="checkbox"/>	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E					
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd							
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.	C11a2 Service area XR2			C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE											
C2a1 Assigned frequency											
12.45 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--		15.8	-70.9	14.1		-72.6		5	
		2 232MD7W--		12.8	-70.9	11		-72.6		5	
		3 185MD7W--		11.8	-70.9	10.1		-72.6		5	
		4 116MD7W--		9.8	-70.9	8		-72.6		5	
		5 92M7D7W--		8.8	-70.9	7.1		-72.6		5	
		6 46M4D7W--		5.8	-70.9	4.1		-72.6		5	
		7 1M02D7W--		-10.8	-70.9	-12.5		-72.6		5	
C10b1 Assoc. earth station id. SE-C		C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
						1 TR 33	2 TK 3.5	3 TC 439	0.46		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-C		Co-polar ref. pattern AP8		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks											
<hr/>											
<input type="checkbox"/>	BR7a/BR7b Group id. 281	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd							
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.	C11a2 Service area XR2			C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE											

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279	E

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		8 8 8 8 8 8 8	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	282	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G J LIE		

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		10 10 10 10 10 10 10	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	283	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000
C4b Nature of service	CR	OT	OT	C6a Polarization type M
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency											
12.45	GHz										
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.	
1	464MD7W--		15.8	-70.9	14.1		-72.6		16		
2	232MD7W--		12.8	-70.9	11		-72.6		16		
3	185MD7W--		11.8	-70.9	10.1		-72.6		16		
4	116MD7W--		9.8	-70.9	8		-72.6		16		
5	92M7D7W--		8.8	-70.9	7.1		-72.6		16		
6	46M4D7W--		5.8	-70.9	4.1		-72.6		16		
7	1M02D7W--		-10.8	-70.9	-12.5		-72.6		16		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB279 E

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 284	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE			

C2a1 Assigned frequency																			
12.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
A13 Ref. to Special Sections API/A/9509		1	464MD7W--		15.8		-70.9		14.1			-72.6				18			
		2	232MD7W--		12.8		-70.9		11			-72.6				18			
		3	185MD7W--		11.8		-70.9		10.1			-72.6				18			
		4	116MD7W--		9.8		-70.9		8			-72.6				18			
		5	92M7D7W--		8.8		-70.9		7.1			-72.6				18			
		6	46M4D7W--		5.8		-70.9		4.1			-72.6				18			
		7	1M02D7W--		-10.8		-70.9		-12.5			-72.6				18			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

<input type="checkbox"/> BR7a/BR7b Group id. 369	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

C8d1 Max. tot. peak pwr. 18.8 C8d2 Contiguous bandwidth 1000000

C11a1 Service area no. C11a2 Service area XR1 XR3

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G LIE

C2a1 Assigned frequency

11.95 GHz																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1	464MD7W--		15.8		-70.9		14.1			-72.6				2			
		2	232MD7W--		12.8		-70.9		11			-72.6				2			
		3	185MD7W--		11.8		-70.9		10.1			-72.6				2			
		4	116MD7W--		9.8		-70.9		8			-72.6				2			
		5	92M7D7W--		8.8		-70.9		7.1			-72.6				2			
		6	46M4D7W--		5.8		-70.9		4.1			-72.6				2			
		7	1M02D7W--		-10.8		-70.9		-12.5			-72.6				2			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 370	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G LIE		
C2a1 Assigned frequency			
11.95 GHz			
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.
API/A/9509	1 464MD7W--	15.8	-70.9
		14.1	-72.6
			3

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

2	232MD7W--	12.8	-70.9	11	-72.6		3
3	185MD7W--	11.8	-70.9	10.1	-72.6		3
4	116MD7W--	9.8	-70.9	8	-72.6		3
5	92M7D7W--	8.8	-70.9	7.1	-72.6		3
6	46M4D7W--	5.8	-70.9	4.1	-72.6		3
7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		3

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR OT 2 TK OT 3 TC CR	31	4.4	439	0.36	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id. 371	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739		B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G LIE		

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		5 5 5 5 5 5 5		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR OT 2 TK OT	33	3.5	439	0.46	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO																																																																																																																																																																																																																																																																																																																									
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																																																																																																																																																																																																																																																																								
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB279 E																																																																																																																																																																																																																																																																																																																								
3 TC CR																																																																																																																																																																																																																																																																																																																													
C10d5a Co-polar antenna pattern																																																																																																																																																																																																																																																																																																																													
C10b1 Assoc. earth station id. SE-C		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																																																																																																																																																																																																																																																																					
Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																																																																																																																																																																																																																																																																																								
13C Remarks																																																																																																																																																																																																																																																																																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BR7a/BR7b Group id.</td> <td>372</td> <td>BR1 Date of receipt</td> <td>27.12.2014</td> <td>C2c RR No. 4.4</td> <td></td> </tr> <tr> <td>A2b Period of valid.</td> <td>50</td> <td>A3a Op. agency</td> <td>084</td> <td>A3b Adm. resp.</td> <td>A</td> <td>BR16 Value of type C8b</td> <td></td> <td></td> <td></td> </tr> <tr> <td>BR62 Expiry date for bringing into use</td> <td colspan="2">27.06.2021</td> <td colspan="3">BR63 Confirmed date of bringing into use</td> <td colspan="4">BR64 Date of receipt of 1st Res49</td> </tr> <tr> <td>BR14 Special Section</td> <td colspan="3">CR/D/2880</td> <td colspan="2">CR/C/3739</td> <td colspan="4"></td> </tr> <tr> <td>C4a Class of station</td> <td>EC</td> <td>EK</td> <td>ER</td> <td colspan="2">C3a Assigned freq. band</td> <td>500000</td> <td colspan="4">B4b5 Peak of pfd</td> </tr> <tr> <td>C4b Nature of service</td> <td>CR</td> <td>OT</td> <td>OT</td> <td colspan="2">C6a Polarization type</td> <td>M</td> <td colspan="4">C6b Polarization angle</td> </tr> <tr> <td>C8d1 Max. tot. peak pwr.</td> <td>18.8</td> <td colspan="2">C8d2 Contiguous bandwidth</td> <td>1000000</td> <td colspan="4"></td> <td></td> </tr> <tr> <td>C11a1 Service area no.</td> <td></td> <td colspan="2">C11a2 Service area</td> <td>XR1 XR3</td> <td colspan="4"></td> <td>C11a3 Service area diagram</td> </tr> <tr> <td>C9c1 Type of multiple access</td> <td>3</td> <td colspan="2">C9c2 Spectrum mask diagram</td> <td>4</td> <td colspan="4">C11b Affected region</td> <td></td> </tr> <tr> <td colspan="10">A5/A6 Coordinations/Agreements 9.12 O F G LIE</td> </tr> <tr> <td colspan="10" style="text-align: center;">C2a1 Assigned frequency</td> </tr> <tr> <td>11.95 GHz</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">A13 Ref. to Special Sections API/A/9509</td> <td colspan="2">C7a Design. of emission</td> <td>C8a1/C8b1 Max. peak pwr</td> <td>C8a2/C8b2 Max. pwr dens.</td> <td>C8c1 Min. peak pwr</td> <td>C8c2 Attach.</td> <td>C8c3 Min. pwr dens.</td> <td>C8c4 Attach.</td> <td>C8e1 C/N ratio</td> <td>C8e2 Attach.</td> </tr> <tr> <td colspan="2"></td> <td>1 464MD7W--</td> <td></td> <td>15.8</td> <td>-70.9</td> <td>14.1</td> <td></td> <td>-72.6</td> <td></td> <td>8</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>2 232MD7W--</td> <td></td> <td>12.8</td> <td>-70.9</td> <td>11</td> <td></td> <td>-72.6</td> <td></td> <td>8</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>3 185MD7W--</td> <td></td> <td>11.8</td> <td>-70.9</td> <td>10.1</td> <td></td> <td>-72.6</td> <td></td> <td>8</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>4 116MD7W--</td> <td></td> <td>9.8</td> <td>-70.9</td> <td>8</td> <td></td> <td>-72.6</td> <td></td> <td>8</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>5 92M7D7W--</td> <td></td> <td>8.8</td> <td>-70.9</td> <td>7.1</td> <td></td> <td>-72.6</td> <td></td> <td>8</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>6 46M4D7W--</td> <td></td> <td>5.8</td> <td>-70.9</td> <td>4.1</td> <td></td> <td>-72.6</td> <td></td> <td>8</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>7 1M02D7W--</td> <td></td> <td>-10.8</td> <td>-70.9</td> <td>-12.5</td> <td></td> <td>-72.6</td> <td></td> <td>8</td> <td></td> </tr> <tr> <td colspan="2">C10b1 Assoc. earth station id. SE-D</td> <td>C10b2 Type T</td> <td>C10c1 Geographical coord.</td> <td>C10c2 Ctry</td> <td>C10d1/C10d2 Cls. / Nat.</td> <td>C10d3 Max. iso. gain</td> <td>C10d4 Bmwth</td> <td>C10d6 Noise temp.</td> <td>C10d7 Ant. diameter</td> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td>1 TR 2 TK 3 TC</td> <td>OT OT CR</td> <td>35</td> <td>2.8</td> <td>374</td> <td>0.58</td> <td></td> </tr> <tr> <td colspan="10" style="text-align: center;">C10d5a Co-polar antenna pattern</td> <td></td> </tr> <tr> <td colspan="2">C10b1 Assoc. earth station id. SE-D</td> <td>Co-polar ref. pattern AP8</td> <td>Coef. A</td> <td>Coef. B</td> <td>Coef. C</td> <td>Coef. D</td> <td>Phi1</td> <td colspan="3">Co-polar rad. diag.</td> </tr> <tr> <td colspan="2">Findings 2D Date of protection 27.12.2014</td> <td>13A Conformity with RR A- -- --</td> <td>13B1 Provision</td> <td>13B2 Remarks</td> <td>13B3 Date of Review</td> <td colspan="4"></td> </tr> <tr> <td colspan="10">13C Remarks</td> <td></td> </tr> <tr> <td colspan="10" style="border-top: 1px dashed black; border-bottom: 1px dashed black;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BR7a/BR7b Group id.</td> <td>373</td> <td>BR1 Date of receipt</td> <td>27.12.2014</td> <td>C2c RR No. 4.4</td> <td></td> </tr> <tr> <td>A2b Period of valid.</td> <td>50</td> <td>A3a Op. agency</td> <td>084</td> <td>A3b Adm. resp.</td> <td>A</td> <td>BR16 Value of type C8b</td> <td></td> <td></td> <td></td> </tr> </table> </td> <td></td> </tr> </table>										BR7a/BR7b Group id.	372	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4		A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b				BR62 Expiry date for bringing into use	27.06.2021		BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49				BR14 Special Section	CR/D/2880			CR/C/3739						C4a Class of station	EC	EK	ER	C3a Assigned freq. band		500000	B4b5 Peak of pfd				C4b Nature of service	CR	OT	OT	C6a Polarization type		M	C6b Polarization angle				C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth		1000000						C11a1 Service area no.		C11a2 Service area		XR1 XR3					C11a3 Service area diagram	C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region					A5/A6 Coordinations/Agreements 9.12 O F G LIE										C2a1 Assigned frequency										11.95 GHz										A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.			1 464MD7W--		15.8	-70.9	14.1		-72.6		8				2 232MD7W--		12.8	-70.9	11		-72.6		8				3 185MD7W--		11.8	-70.9	10.1		-72.6		8				4 116MD7W--		9.8	-70.9	8		-72.6		8				5 92M7D7W--		8.8	-70.9	7.1		-72.6		8				6 46M4D7W--		5.8	-70.9	4.1		-72.6		8				7 1M02D7W--		-10.8	-70.9	-12.5		-72.6		8		C10b1 Assoc. earth station id. SE-D		C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter								1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58		C10d5a Co-polar antenna pattern											C10b1 Assoc. earth station id. SE-D		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					13C Remarks											<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BR7a/BR7b Group id.</td> <td>373</td> <td>BR1 Date of receipt</td> <td>27.12.2014</td> <td>C2c RR No. 4.4</td> <td></td> </tr> <tr> <td>A2b Period of valid.</td> <td>50</td> <td>A3a Op. agency</td> <td>084</td> <td>A3b Adm. resp.</td> <td>A</td> <td>BR16 Value of type C8b</td> <td></td> <td></td> <td></td> </tr> </table>										BR7a/BR7b Group id.	373	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4		A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b				
BR7a/BR7b Group id.	372	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4																																																																																																																																																																																																																																																																																																																									
A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b																																																																																																																																																																																																																																																																																																																							
BR62 Expiry date for bringing into use	27.06.2021		BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																																																																																																																																																																																																																																																																																							
BR14 Special Section	CR/D/2880			CR/C/3739																																																																																																																																																																																																																																																																																																																									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band		500000	B4b5 Peak of pfd																																																																																																																																																																																																																																																																																																																						
C4b Nature of service	CR	OT	OT	C6a Polarization type		M	C6b Polarization angle																																																																																																																																																																																																																																																																																																																						
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth		1000000																																																																																																																																																																																																																																																																																																																									
C11a1 Service area no.		C11a2 Service area		XR1 XR3					C11a3 Service area diagram																																																																																																																																																																																																																																																																																																																				
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region																																																																																																																																																																																																																																																																																																																								
A5/A6 Coordinations/Agreements 9.12 O F G LIE																																																																																																																																																																																																																																																																																																																													
C2a1 Assigned frequency																																																																																																																																																																																																																																																																																																																													
11.95 GHz																																																																																																																																																																																																																																																																																																																													
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.																																																																																																																																																																																																																																																																																																																		
		1 464MD7W--		15.8	-70.9	14.1		-72.6		8																																																																																																																																																																																																																																																																																																																			
		2 232MD7W--		12.8	-70.9	11		-72.6		8																																																																																																																																																																																																																																																																																																																			
		3 185MD7W--		11.8	-70.9	10.1		-72.6		8																																																																																																																																																																																																																																																																																																																			
		4 116MD7W--		9.8	-70.9	8		-72.6		8																																																																																																																																																																																																																																																																																																																			
		5 92M7D7W--		8.8	-70.9	7.1		-72.6		8																																																																																																																																																																																																																																																																																																																			
		6 46M4D7W--		5.8	-70.9	4.1		-72.6		8																																																																																																																																																																																																																																																																																																																			
		7 1M02D7W--		-10.8	-70.9	-12.5		-72.6		8																																																																																																																																																																																																																																																																																																																			
C10b1 Assoc. earth station id. SE-D		C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																																																																																																																																																																																																																																																																				
					1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58																																																																																																																																																																																																																																																																																																																			
C10d5a Co-polar antenna pattern																																																																																																																																																																																																																																																																																																																													
C10b1 Assoc. earth station id. SE-D		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																																																																																																																																																																																																																																																																					
Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																																																																																																																																																																																																																																																																																																								
13C Remarks																																																																																																																																																																																																																																																																																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BR7a/BR7b Group id.</td> <td>373</td> <td>BR1 Date of receipt</td> <td>27.12.2014</td> <td>C2c RR No. 4.4</td> <td></td> </tr> <tr> <td>A2b Period of valid.</td> <td>50</td> <td>A3a Op. agency</td> <td>084</td> <td>A3b Adm. resp.</td> <td>A</td> <td>BR16 Value of type C8b</td> <td></td> <td></td> <td></td> </tr> </table>										BR7a/BR7b Group id.	373	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4		A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b																																																																																																																																																																																																																																																																																																							
BR7a/BR7b Group id.	373	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4																																																																																																																																																																																																																																																																																																																									
A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A	BR16 Value of type C8b																																																																																																																																																																																																																																																																																																																							

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB279 E							
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd							
C4a Class of station EC EK ER	C3a Assigned freq. band 500000												
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle									
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no.	C11a2 Service area XR1 XR3				C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region											
A5/A6 Coordinations/Agreements 9.12 Q F G LIE													
C2a1 Assigned frequency													
11.95 GHz													
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 464MD7W--	15.8	-70.9	14.1		-72.6		10				
		2 232MD7W--	12.8	-70.9	11		-72.6		10				
		3 185MD7W--	11.8	-70.9	10.1		-72.6		10				
		4 116MD7W--	9.8	-70.9	8		-72.6		10				
		5 92M7D7W--	8.8	-70.9	7.1		-72.6		10				
		6 46M4D7W--	5.8	-70.9	4.1		-72.6		10				
		7 1M02D7W--	-10.8	-70.9	-12.5		-72.6		10				
C10b1 Assoc. earth station id. SE-E	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter				
		1 TR	2 OT	3 CR		39	1.7	374	0.92				
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id. SE-E	Co-polar ref. pattern AP8	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks			13B3 Date of Review						
13C Remarks													
<input type="checkbox"/> BR7a/BR7b Group id. 374	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4											
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b										
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd							
C4a Class of station EC EK ER	C3a Assigned freq. band 500000												
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle									
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no.	C11a2 Service area XR1 XR3							C11a3 Service area diagram					
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region											
A5/A6 Coordinations/Agreements 9.12 Q F G LIE													

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		16 16 16 16 16 16 16		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	375	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G LIE		

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		18 18 18 18 18 18 18		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	376	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F G J LIE AUS G	

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	464MD7W--	15.8	-70.9	14.1		-72.6		2		
2	232MD7W--	12.8	-70.9	11		-72.6		2		
3	185MD7W--	11.8	-70.9	10.1		-72.6		2		
4	116MD7W--	9.8	-70.9	8		-72.6		2		
5	92M7D7W--	8.8	-70.9	7.1		-72.6		2		
6	46M4D7W--	5.8	-70.9	4.1		-72.6		2		
7	1M02D7W--	-10.8	-70.9	-12.5		-72.6		2		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 377	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no. C11a2 Service area XR1 XR3	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	G J LIE	
9.7B	AUS G		

C2a1 Assigned frequency										
12.45 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	464MD7W--		15.8	-70.9	14.1		-72.6		3	
2	232MD7W--		12.8	-70.9	11		-72.6		3	
3	185MD7W--		11.8	-70.9	10.1		-72.6		3	
4	116MD7W--		9.8	-70.9	8		-72.6		3	
5	92M7D7W--		8.8	-70.9	7.1		-72.6		3	
6	46M4D7W--		5.8	-70.9	4.1		-72.6		3	
7	1M02D7W--		-10.8	-70.9	-12.5		-72.6		3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-B	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 378	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB279 E					
C4a Class of station			EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd						
C4b Nature of service			CR OT OT	C6a Polarization type M	C6b Polarization angle						
C8d1 Max. tot. peak pwr. 18.8			C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.			C11a2 Service area XR1 XR3	C11a3 Service area diagram							
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4	C11b Affected region							
A5/A6 Coordinations/Agreements			9.12 9.7B	Q F	F G J LIE AUS G						
C2a1 Assigned frequency											
12.45 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		15.8 12.8 11.8 9.8 8.8 5.8 -10.8	-70.9 -70.9 -70.9 -70.9 -70.9 -70.9 -70.9	14.1 11 10.1 8 7.1 4.1 -12.5		-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6		5 5 5 5 5 5 5	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-C	T				1 TR 2 TK 3 TC	33	3.5	439	0.46		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-C	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
<input type="checkbox"/> BR7a/BR7b Group id. 379 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4											
A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b											
BR62 Expiry date for bringing into use 27.06.2021 BR63 Confirmed date of bringing into use										BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880 CR/C/3739											
C4a Class of station			EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd						
C4b Nature of service			CR OT OT	C6a Polarization type M	C6b Polarization angle						
C8d1 Max. tot. peak pwr. 18.8			C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.			C11a2 Service area XR1 XR3	C11a3 Service area diagram							
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4	C11b Affected region							
A5/A6 Coordinations/Agreements			9.12 9.7B	Q F	F G J LIE AUS G						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

C2a1 Assigned frequency										
12.45	GHz									
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2
API/A/9509		1	464MD7W--		15.8		-70.9	14.1		
		2	232MD7W--		12.8		-70.9	11		
		3	185MD7W--		11.8		-70.9	10.1		
		4	116MD7W--		9.8		-70.9	8		
		5	92M7D7W--		8.8		-70.9	7.1		
		6	46M4D7W--		5.8		-70.9	4.1		
		7	1M02D7W--		-10.8		-70.9	-12.5		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	380	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F G J LIE AUS G	

C2a1 Assigned frequency										
12.45	GHz									
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2
API/A/9509		1	464MD7W--		15.8		-70.9	14.1		
		2	232MD7W--		12.8		-70.9	11		
		3	185MD7W--		11.8		-70.9	10.1		
		4	116MD7W--		9.8		-70.9	8		
		5	92M7D7W--		8.8		-70.9	7.1		
		6	46M4D7W--		5.8		-70.9	4.1		

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

7	1M02D7W--	-10.8	-70.9	-12.5	-72.6		10
---	-----------	-------	-------	-------	-------	--	----

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	381	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49		
BR14 Special Section	CR/D/2880	CR/C/3739				
C4a Class of station	EC	EK	ER	C4b Nature of service	C3a Assigned freq. band 500000	B4b5 Peak of pfd
CR	OT	OT		C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	18.8	C8d2 Contiguous bandwidth 1000000				
C11a1 Service area no.		C11a2 Service area XR1 XR3			C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region			
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	F G J LIE AUS G			

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--		15.8	-70.9	14.1		-72.6		16		
2 232MD7W--		12.8	-70.9	11		-72.6		16		
3 185MD7W--		11.8	-70.9	10.1		-72.6		16		
4 116MD7W--		9.8	-70.9	8		-72.6		16		
5 92M7D7W--		8.8	-70.9	7.1		-72.6		16		
6 46M4D7W--		5.8	-70.9	4.1		-72.6		16		
7 1M02D7W--		-10.8	-70.9	-12.5		-72.6		16		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	41	1.4	196	1.15	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB279 E

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id. 382	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 18.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	F G J LIE AUS G	

C2a1 Assigned frequency														
12.45 GHz														
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		15.8		-70.9		14.1		-72.6		18		
		2 232MD7W--		12.8		-70.9		11		-72.6		18		
		3 185MD7W--		11.8		-70.9		10.1		-72.6		18		
		4 116MD7W--		9.8		-70.9		8		-72.6		18		
		5 92M7D7W--		8.8		-70.9		7.1		-72.6		18		
		6 46M4D7W--		5.8		-70.9		4.1		-72.6		18		
		7 1M02D7W--		-10.8		-70.9		-12.5		-72.6		18		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G	T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> B1a/BR17 Beam designation DB299	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 29.9	
B2bis.a Transmit only when visible from notified service area Y	B2bis.b Min. Elev. Angle 2			
B3c1 Co-polar antenna pattern				
Co-polar ref. pattern REC-1528	Coef. A	Coef. B		Co-polar rad. diag.

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

B4a3a1 Angle alpha [] B4a3a2 Angle beta [] B4b2 Gain vs elev. ang. diag. [] 1 B4b3 Spreading loss data [] 2

BR92 Attach. for missing angle alpha/beta [] 5

B4b4a Max. E.I.R.P. at 4kHz [-7.9] B4b4b Average E.I.R.P. at 4kHz [-7.9] B4b4c Max. E.I.R.P. at 1MHz [16.1] B4b4d Average E.I.R.P. at 1MHz [16.1]

BR7a/BR7b Group id. 57	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b []
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use []	BR64 Date of receipt of 1st Res49 []	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd []	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	C6b Polarization angle []	
C4b Nature of service CR OT OT	C6a Polarization type M	C11a1 Service area no. []	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000	C11a2 Service area XR2	
C11a1 Service area no. []	C11a2 Service area XR2	C11a3 Service area diagram []	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram [] 4	C11b Affected region []	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	F G LIE	

C2a1 Assigned frequency										
11.95	Ghz	C7a Design. of emission			C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8e1 C/N ratio
A13 Ref. to Special Sections										C8e2 Attch.
API/A/9509		1	464MD7W--		14	-72.6	12.1		-74.6	2
		2	232MD7W--		11	-72.6	9		-74.6	2
		3	185MD7W--		10	-72.6	8.1		-74.6	2
		4	116MD7W--		8	-72.6	6		-74.6	2
		5	92M7D7W--		7	-72.6	5.1		-74.6	2
		6	46M4D7W--		4	-72.6	2.1		-74.6	2
		7	1M02D7W--		-12.6	-72.6	-14.5		-74.6	2

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision [] 13B2 Remarks [] 13B3 Date of Review []

13C Remarks []

BR7a/BR7b Group id. 58	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b []
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use []	BR64 Date of receipt of 1st Res49 []	
BR14 Special Section CR/D/2880	CR/C/3739		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB299 E					
C4a Class of station			EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd						
C4b Nature of service			CR OT OT	C6a Polarization type M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.			17	C8d2 Contiguous bandwidth 1000000							
C11a1 Service area no.			C11a2 Service area XR2		C11a3 Service area diagram						
C9c1 Type of multiple access			3	C9c2 Spectrum mask diagram 4	C11b Affected region						
A5/A6 Coordinations/Agreements			9.12 9.7B	Q F G LIE							
C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1	464MD7W--	14	-72.6	12.1	-74.6		3		
		2	232MD7W--	11	-72.6	9	-74.6		3		
		3	185MD7W--	10	-72.6	8.1	-74.6		3		
		4	116MD7W--	8	-72.6	6	-74.6		3		
		5	92M7D7W--	7	-72.6	5.1	-74.6		3		
		6	46M4D7W--	4	-72.6	2.1	-74.6		3		
		7	1M02D7W--	-12.6	-72.6	-14.5	-74.6		3		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-B	T				1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-B	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
BR7a/BR7b Group id. 59			BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station			EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd						
C4b Nature of service			CR OT OT	C6a Polarization type M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.			17	C8d2 Contiguous bandwidth 1000000							
C11a1 Service area no.			C11a2 Service area XR2		C11a3 Service area diagram						
C9c1 Type of multiple access			3	C9c2 Spectrum mask diagram 4	C11b Affected region						
A5/A6 Coordinations/Agreements			9.12 9.7B	Q F G LIE							

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

C2a1 Assigned frequency										
11.95	GHz									
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2
API/A/9509		1	464MD7W--		14		-72.6	12.1		
		2	232MD7W--		11		-72.6	9		
		3	185MD7W--		10		-72.6	8.1		
		4	116MD7W--		8		-72.6	6		
		5	92M7D7W--		7		-72.6	5.1		
		6	46M4D7W--		4		-72.6	2.1		
		7	1M02D7W--		-12.6		-72.6	-14.5		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	60	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F G LIE	

C2a1 Assigned frequency										
11.95	GHz									
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2
API/A/9509		1	464MD7W--		14		-72.6	12.1		
		2	232MD7W--		11		-72.6	9		
		3	185MD7W--		10		-72.6	8.1		
		4	116MD7W--		8		-72.6	6		
		5	92M7D7W--		7		-72.6	5.1		
		6	46M4D7W--		4		-72.6	2.1		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.		DB299 E

7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	8
---	-----------	-------	-------	-------	-------	---

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	61	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	EK	ER	C4b Nature of service
	CR	OT	OT	C6a Polarization type M
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth	1000000	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	F G LIE	

C2a1 Assigned frequency														
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		14	-72.6		12.1			-74.6			10	
		2 232MD7W--		11	-72.6		9			-74.6			10	
		3 185MD7W--		10	-72.6		8.1			-74.6			10	
		4 116MD7W--		8	-72.6		6			-74.6			10	
		5 92M7D7W--		7	-72.6		5.1			-74.6			10	
		6 46M4D7W--		4	-72.6		2.1			-74.6			10	
		7 1M02D7W--		-12.6	-72.6		-14.5			-74.6			10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id. 62	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	F G LIE	

C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509		1 464MD7W--		14	-72.6	12.1		-74.6		16	
		2 232MD7W--		11	-72.6	9		-74.6		16	
		3 185MD7W--		10	-72.6	8.1		-74.6		16	
		4 116MD7W--		8	-72.6	6		-74.6		16	
		5 92M7D7W--		7	-72.6	5.1		-74.6		16	
		6 46M4D7W--		4	-72.6	2.1		-74.6		16	
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6		16	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id. 63	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB299 E					
C4a Class of station EC EK ER			C3a Assigned freq. band 500000		B4b5 Peak of pfd						
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle						
C8d1 Max. tot. peak pwr. 17			C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.			C11a2 Service area XR2		C11a3 Service area diagram						
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region						
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F G LIE								
C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--		14	-72.6	12.1		-74.6		18	
		2 232MD7W--		11	-72.6	9		-74.6		18	
		3 185MD7W--		10	-72.6	8.1		-74.6		18	
		4 116MD7W--		8	-72.6	6		-74.6		18	
		5 92M7D7W--		7	-72.6	5.1		-74.6		18	
		6 46M4D7W--		4	-72.6	2.1		-74.6		18	
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6		18	
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G		T				1 TR 2 TK 3 TC	OT CR	44	1	196	1.63
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-G		Co-polar ref. pattern AP8		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks		13B3 Date of Review				
13C Remarks											
BR7a/BR7b Group id. 285			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4					
A2b Period of valid. 50			A3a Op. agency 084			A3b Adm. resp. A			BR16 Value of type C8b		
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49		
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER			C3a Assigned freq. band 500000					B4b5 Peak of pfd			
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle						
C8d1 Max. tot. peak pwr. 17			C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.			C11a2 Service area XR2					C11a3 Service area diagram			
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region						
A5/A6 Coordinations/Agreements 9.12			Q F G J LIE								
C2a1 Assigned frequency											
12.45 GHz											

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	14 11 10 8 7 4 -12.6	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	12.1 9 8.1 6 5.1 2.1 -14.5		-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		2 2 2 2 2 2 2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	286	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G J LIE		

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	14 11 10 8 7 4 -12.6	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	12.1 9 8.1 6 5.1 2.1 -14.5		-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		3 3 3 3 3 3 3	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB299 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-B	AP8								
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				
13C Remarks									

BR7a/BR7b Group id.	287	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49			
BR14 Special Section	CR/D/2880	CR/C/3739				
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd	
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000				
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region			
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE			

C2a1 Assigned frequency														
12.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.
A13 Ref. to Special Sections		API/A/9509		1 464MD7W--	14	12.1	-72.6	9	-74.6		5		5	
				2 232MD7W--	11	8.1	-72.6	6	-74.6		5		5	
				3 185MD7W--	10	5.1	-72.6	-74.6			5		5	
				4 116MD7W--	8	2.1	-72.6	-74.6			5		5	
				5 92M7D7W--	7	-14.5	-72.6	-74.6			5		5	
				6 46M4D7W--	4									
				7 1M02D7W--	-12.6									

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-C	AP8								
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 288	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G J LIE		

C2a1 Assigned frequency											
12.45 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509	1	464MD7W--		14	-72.6	12.1		-74.6		8	
	2	232MD7W--		11	-72.6	9		-74.6		8	
	3	185MD7W--		10	-72.6	8.1		-74.6		8	
	4	116MD7W--		8	-72.6	6		-74.6		8	
	5	92M7D7W--		7	-72.6	5.1		-74.6		8	
	6	46M4D7W--		4	-72.6	2.1		-74.6		8	
	7	1M02D7W--		-12.6	-72.6	-14.5		-74.6		8	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

<input type="checkbox"/> BR7a/BR7b Group id. 289	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

C8d1 Max. tot. peak pwr. 17 C8d2 Contiguous bandwidth 1000000

C11a1 Service area no. C11a2 Service area XR2

C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

12.45 GHz																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1	464MD7W--		14		-72.6		12.1			-74.6				10			
		2	232MD7W--		11		-72.6		9			-74.6				10			
		3	185MD7W--		10		-72.6		8.1			-74.6				10			
		4	116MD7W--		8		-72.6		6			-74.6				10			
		5	92M7D7W--		7		-72.6		5.1			-74.6				10			
		6	46M4D7W--		4		-72.6		2.1			-74.6				10			
		7	1M02D7W--		-12.6		-72.6		-14.5			-74.6				10			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 290 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC EK ER C3a Assigned freq. band 500000 B4b5 Peak of pfd

C4b Nature of service CR OT OT C6a Polarization type M C6b Polarization angle

C8d1 Max. tot. peak pwr. 17 C8d2 Contiguous bandwidth 1000000

C11a1 Service area no. C11a2 Service area XR2 C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4 C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

12.45 GHz																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1	464MD7W--		14		-72.6		12.1			-74.6				16			

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

2	232MD7W--	11	-72.6	9	-74.6	16
3	185MD7W--	10	-72.6	8.1	-74.6	16
4	116MD7W--	8	-72.6	6	-74.6	16
5	92M7D7W--	7	-72.6	5.1	-74.6	16
6	46M4D7W--	4	-72.6	2.1	-74.6	16
7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	16

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR OT 2 TK OT 3 TC CR	41	1.4	196	1.15	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id. 291	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000	C11a3 Service area diagram
C11a1 Service area no.	C11a2 Service area XR2	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements 9.12	Q F G J LIE	

C2a1 Assigned frequency										
12.45 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	464MD7W--	14	-72.6	12.1	-74.6	18				
2	232MD7W--	11	-72.6	9	-74.6	18				
3	185MD7W--	10	-72.6	8.1	-74.6	18				
4	116MD7W--	8	-72.6	6	-74.6	18				
5	92M7D7W--	7	-72.6	5.1	-74.6	18				
6	46M4D7W--	4	-72.6	2.1	-74.6	18				
7	1M02D7W--	-12.6	-72.6	-14.5	-74.6	18				

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR OT 2 TK OT	44	1	196	1.63	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB299 E

	3 TC CR					
C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id. SE-G	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1 Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review	
13C Remarks						

BR7a/BR7b Group id.	425	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	O F G LIE		

C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
API/A/9509		1	464MD7W--	14	-72.6	12.1		-74.6		2	
		2	232MD7W--	11	-72.6	9		-74.6		2	
		3	185MD7W--	10	-72.6	8.1		-74.6		2	
		4	116MD7W--	8	-72.6	6		-74.6		2	
		5	92M7D7W--	7	-72.6	5.1		-74.6		2	
		6	46M4D7W--	4	-72.6	2.1		-74.6		2	
		7	1M02D7W--	-12.6	-72.6	-14.5		-74.6		2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23	

C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										

BR7a/BR7b Group id.	426	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
<input checked="" type="checkbox"/>	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49										
BR14 Special Section CR/D/2880			CR/C/3739											
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd										
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle										
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000													
C11a1 Service area no.	C11a2 Service area XR1 XR3				C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region												
A5/A6 Coordinations/Agreements 9.12 Q F G LIE														
C2a1 Assigned frequency														
11.95 GHz														
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
		1 464MD7W--		14	-72.6	12.1		-74.6		3				
		2 232MD7W--		11	-72.6	9		-74.6		3				
		3 185MD7W--		10	-72.6	8.1		-74.6		3				
		4 116MD7W--		8	-72.6	6		-74.6		3				
		5 92M7D7W--		7	-72.6	5.1		-74.6		3				
		6 46M4D7W--		4	-72.6	2.1		-74.6		3				
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6		3				
C10b1 Assoc. earth station id. SE-B	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter					
		1 TR	2 OT	3 CR		31	4.4	439	0.36					
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id. SE-B	Co-polar ref. pattern AP8	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks			13B3 Date of Review							
13C Remarks														
<input type="checkbox"/> BR7a/BR7b Group id. 427			BR1 Date of receipt 27.12.2014	C2c RR No. 4.4										
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b											
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use							BR64 Date of receipt of 1st Res49				
BR14 Special Section CR/D/2880			CR/C/3739											
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd										
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle										
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000													
C11a1 Service area no.	C11a2 Service area XR1 XR3				C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region												
A5/A6 Coordinations/Agreements 9.12 Q F G LIE														

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	14 11 10 8 7 4 -12.6	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	12.1 9 8.1 6 5.1 2.1 -14.5		-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		5 5 5 5 5 5 5		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	428	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G LIE		

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	14 11 10 8 7 4 -12.6	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	12.1 9 8.1 6 5.1 2.1 -14.5		-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		8 8 8 8 8 8 8		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB299 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	429	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49		
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd		
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000	C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region		
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE		

C2a1 Assigned frequency											
11.95	GHz	A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	
API/A/9509				1	464MD7W--	14	-72.6	12.1		-74.6	10
				2	232MD7W--	11	-72.6	9		-74.6	10
				3	185MD7W--	10	-72.6	8.1		-74.6	10
				4	116MD7W--	8	-72.6	6		-74.6	10
				5	92M7D7W--	7	-72.6	5.1		-74.6	10
				6	46M4D7W--	4	-72.6	2.1		-74.6	10
				7	1M02D7W--	-12.6	-72.6	-14.5		-74.6	10

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB299 E

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 430	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G LIE			

C2a1 Assigned frequency										
11.95 GHz	A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	
	API/A/9509		1	464MD7W--		14	-72.6	12.1	-74.6	16
			2	232MD7W--		11	-72.6	9	-74.6	16
			3	185MD7W--		10	-72.6	8.1	-74.6	16
			4	116MD7W--		8	-72.6	6	-74.6	16
			5	92M7D7W--		7	-72.6	5.1	-74.6	16
			6	46M4D7W--		4	-72.6	2.1	-74.6	16
			7	1M02D7W--		-12.6	-72.6	-14.5	-74.6	16

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

<input type="checkbox"/> BR7a/BR7b Group id. 431	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO				
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.		DB299	E		
C8d1 Max. tot. peak pwr. 17		C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram						
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region						
A5/A6 Coordinations/Agreements 9.12 Q F G LIE										
C2a1 Assigned frequency										
11.95 GHz										
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--		14	-72.6	12.1		-74.6	18	
		2 232MD7W--		11	-72.6	9		-74.6	18	
		3 185MD7W--		10	-72.6	8.1		-74.6	18	
		4 116MD7W--		8	-72.6	6		-74.6	18	
		5 92M7D7W--		7	-72.6	5.1		-74.6	18	
		6 46M4D7W--		4	-72.6	2.1		-74.6	18	
		7 1M02D7W--		-12.6	-72.6	-14.5		-74.6	18	
C10b1 Assoc. earth station id. SE-G		C10b2 Type T		C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter
					1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id. SE-G		Co-polar ref. pattern AP8		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.	
Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision	13B2 Remarks		13B3 Date of Review			
13C Remarks										
BR7a/BR7b Group id. 432		BR1 Date of receipt 27.12.2014			C2c RR No. 4.4					
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A	BR16 Value of type C8b					
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use					BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880		CR/C/3739								
C4a Class of station EC EK ER		C3a Assigned freq. band 500000					B4b5 Peak of pfd			
C4b Nature of service CR OT OT		C6a Polarization type M			C6b Polarization angle					
C8d1 Max. tot. peak pwr. 17		C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram						
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region						
A5/A6 Coordinations/Agreements 9.12 9.7B Q F AUS G J LIE										
C2a1 Assigned frequency										
12.45 GHz										

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	14 11 10 8 7 4 -12.6	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	12.1 9 8.1 6 5.1 2.1 -14.5		-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		2 2 2 2 2 2 2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	433	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F F AUS G	F G J LIE

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	14 11 10 8 7 4 -12.6	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	12.1 9 8.1 6 5.1 2.1 -14.5		-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		3 3 3 3 3 3 3	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-B	AP8								
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				
13C Remarks									

BR7a/BR7b Group id.	434	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	A		
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49			
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd			
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000		
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth	1000000				
C11a1 Service area no.		C11a2 Service area	XR1 XR3	C11a3 Service area diagram			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region			
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	F G J LIE AUS G				

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	14 11 10 8 7 4 -12.6	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	12.1 9 8.1 6 5.1 2.1 -14.5		-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		5 5 5 5 5 5 5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-C	AP8								

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 435	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 17	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F	G J LIE	
9.7B	AUS G		

C2a1 Assigned frequency										
12.45 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--	14	-72.6	12.1		-74.6		8	
		2 232MD7W--	11	-72.6	9		-74.6		8	
		3 185MD7W--	10	-72.6	8.1		-74.6		8	
		4 116MD7W--	8	-72.6	6		-74.6		8	
		5 92M7D7W--	7	-72.6	5.1		-74.6		8	
		6 46M4D7W--	4	-72.6	2.1		-74.6		8	
		7 1M02D7W--	-12.6	-72.6	-14.5		-74.6		8	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 436	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO									
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/									
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB299 E									
C4a Class of station			EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd										
C4b Nature of service			CR OT OT	C6a Polarization type M	C6b Polarization angle										
C8d1 Max. tot. peak pwr.			17	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.			C11a2 Service area XR1 XR3		C11a3 Service area diagram										
C9c1 Type of multiple access			3	C9c2 Spectrum mask diagram 4	C11b Affected region										
A5/A6 Coordinations/Agreements			9.12 9.7B	Q F	F G J LIE AUS G										
C2a1 Assigned frequency															
12.45 GHz															
A13 Ref. to Special Sections			C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
API/A/9509			1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		14 11 10 8 7 4 -12.6	-72.6 -72.6 -72.6 -72.6 -72.6 -72.6 -72.6	12.1 9 8.1 6 5.1 2.1 -14.5		-74.6 -74.6 -74.6 -74.6 -74.6 -74.6 -74.6		10 10 10 10 10 10 10				
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter					
SE-E		T				1 TR 2 TK 3 TC	39	1.7	374	0.92					
C10d5a Co-polar antenna pattern															
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.						
SE-E		AP8													
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision	13B2 Remarks	13B3 Date of Review								
13C Remarks															
BR7a/BR7b Group id. 437			BR1 Date of receipt 27.12.2014		C2c RR No. 4.4										
A2b Period of valid. 50			A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use				BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880			CR/C/3739												
C4a Class of station			EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd										
C4b Nature of service			CR OT OT	C6a Polarization type M	C6b Polarization angle										
C8d1 Max. tot. peak pwr.			17	C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.			C11a2 Service area XR1 XR3		C11a3 Service area diagram										
C9c1 Type of multiple access			3	C9c2 Spectrum mask diagram 4	C11b Affected region										
A5/A6 Coordinations/Agreements			9.12 9.7B	Q F	F G J LIE AUS G										

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB299 E

C2a1 Assigned frequency										
12.45	GHz									
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2
API/A/9509		1	464MD7W--		14		-72.6	12.1		
		2	232MD7W--		11		-72.6	9		
		3	185MD7W--		10		-72.6	8.1		
		4	116MD7W--		8		-72.6	6		
		5	92M7D7W--		7		-72.6	5.1		
		6	46M4D7W--		4		-72.6	2.1		
		7	1M02D7W--		-12.6		-72.6	-14.5		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	438	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	17	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F F	F G J LIE AUS G

C2a1 Assigned frequency										
12.45	GHz									
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2
API/A/9509		1	464MD7W--		14		-72.6	12.1		
		2	232MD7W--		11		-72.6	9		
		3	185MD7W--		10		-72.6	8.1		
		4	116MD7W--		8		-72.6	6		
		5	92M7D7W--		7		-72.6	5.1		
		6	46M4D7W--		4		-72.6	2.1		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO									
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB299 E								
		7 1M02D7W--	-12.6	-72.6	-14.5	-74.6		18					
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-G		T				1 TR 2 TK 3 TC	OT	44	1	196	1.63		
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-G		AP8											
Findings		2D Date of protection 27.12.2014	13A Conformity with RR	A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks													
<input type="checkbox"/>	B1a/BR17 Beam designation DB324	<input type="checkbox"/> B1b Steerable Y	<input type="checkbox"/> B2 Emi-Rcp E	B3a1 Max. co-polar gain 32.4									
B2bis.a Transmit only when visible from notified service area <input type="checkbox"/> Y		B2bis.b Min. Elev. Angle 2											
B3c1 Co-polar antenna pattern													
Co-polar ref. pattern REC-1528		Coef. A	Coef. B					Co-polar rad. diag.					
B4a3a1 Angle alpha		B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1		B4b3 Spreading loss data 2								
BR92 Attach. for missing angle alpha/beta 5		B4b4b Average E.I.R.P. at 4kHz -8.4		B4b4c Max. E.I.R.P. at 1MHz 15.6		B4b4d Average E.I.R.P. at 1MHz 15.6							
<input type="checkbox"/>	BR7a/BR7b Group id. 64	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4										
A2b Period of valid. 50		A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880		CR/C/3739											
C4a Class of station EC EK ER		C3a Assigned freq. band 500000						B4b5 Peak of pfd					
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle									
C8d1 Max. tot. peak pwr. 14		C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.		C11a2 Service area XR2						C11a3 Service area diagram					
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	F G LIE										
C2a1 Assigned frequency													
11.95 GHz													
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 464MD7W--		11	-75.7	9.6		-77.1		2			
		2 232MD7W--		8	-75.7	6.5		-77.1		2			
		3 185MD7W--		7	-75.7	5.6		-77.1		2			
		4 116MD7W--		5	-75.7	3.5		-77.1		2			
		5 92M7D7W--		4	-75.7	2.6		-77.1		2			

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB324 E							
		6 46M4D7W-- 7 1M02D7W--	1 -15.6	-75.7 -75.7	-0.4 -17	-77.1 -77.1	2 2						
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-A		T				1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A	Coef. B		Coef. C		Coef. D	Phi1	Co-polar rad. diag.		
SE-A		AP8											
Findings	2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks													
BR7a/BR7b Group id.		65	BR1 Date of receipt 27.12.2014		C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use		27.06.2021	BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49				
BR14 Special Section		CR/D/2880	CR/C/3739										
C4a Class of station	EC EK ER	C3a Assigned freq. band		500000					B4b5 Peak of pfd				
C4b Nature of service	CR OT OT	C6a Polarization type		M			C6b Polarization angle						
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth		1000000									
C11a1 Service area no.		C11a2 Service area		XR2					C11a3 Service area diagram				
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region								
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	G LIE									
C2a1 Assigned frequency													
11.95	GHz												
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		11 8 7 5 4 1 -15.6	-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7	9.6 6.5 5.6 3.5 2.6 -0.4 -17		-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		3 3 3 3 3 3 3			
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-B		T				1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36		

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 66	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4					
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b				
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd					
C4a Class of station EC EK ER	C3a Assigned freq. band 500000						
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle					
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000						
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram					
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region					
A5/A6 Coordinations/Agreements 9.12	Q F	G LIE	9.7B				

C2a1 Assigned frequency										
11.95 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--			11	-75.7	9.6		-77.1		5	
2 232MD7W--			8	-75.7	6.5		-77.1		5	
3 185MD7W--			7	-75.7	5.6		-77.1		5	
4 116MD7W--			5	-75.7	3.5		-77.1		5	
5 92M7D7W--			4	-75.7	2.6		-77.1		5	
6 46M4D7W--			1	-75.7	-0.4		-77.1		5	
7 1M02D7W--			-15.6	-75.7	-17		-77.1		5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 67	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6 C		BR2 Adm. serial no.	DB324 E					
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd							
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 Q F G LIE											
C2a1 Assigned frequency 11.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		11 8 7 5 4 1 -15.6	-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7	9.6 6.5 5.6 3.5 2.6 -0.4 -17		-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		8 8 8 8 8 8 8	
C10b1 Assoc. earth station id. SE-D	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
					1 TR 2 TK 3 TC	35	2.8	374	0.58		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks											
BR7a/BR7b Group id. 68			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4					
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49		
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd							
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB324 E

A5/A6 Coordinations/Agreements	9.12	Q	F	G	LIE	
	9.7B					

C2a1 Assigned frequency											
11.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509	1	464MD7W--		11	-75.7	9.6	-77.1			10	
	2	232MD7W--		8	-75.7	6.5	-77.1			10	
	3	185MD7W--		7	-75.7	5.6	-77.1			10	
	4	116MD7W--		5	-75.7	3.5	-77.1			10	
	5	92M7D7W--		4	-75.7	2.6	-77.1			10	
	6	46M4D7W--		1	-75.7	-0.4	-77.1			10	
	7	1M02D7W--		-15.6	-75.7	-17	-77.1			10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	69	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd	
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000			
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region		
A5/A6 Coordinations/Agreements	9.12	Q	F	G	LIE
	9.7B				

C2a1 Assigned frequency											
11.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509	1	464MD7W--		11	-75.7	9.6	-77.1			16	
	2	232MD7W--		8	-75.7	6.5	-77.1			16	
	3	185MD7W--		7	-75.7	5.6	-77.1			16	
	4	116MD7W--		5	-75.7	3.5	-77.1			16	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB324 E																																	
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>4</td><td>-75.7</td> <td>2.6</td> <td>-77.1</td> <td>16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>1</td><td>-75.7</td> <td>-0.4</td> <td>-77.1</td> <td>16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-15.6</td><td>-75.7</td> <td>-17</td> <td>-77.1</td> <td>16</td> <td></td> <td></td> <td></td> </tr> </table>										5	92M7D7W--	4	-75.7	2.6	-77.1	16				6	46M4D7W--	1	-75.7	-0.4	-77.1	16				7	1M02D7W--	-15.6	-75.7	-17	-77.1	16			
5	92M7D7W--	4	-75.7	2.6	-77.1	16																																	
6	46M4D7W--	1	-75.7	-0.4	-77.1	16																																	
7	1M02D7W--	-15.6	-75.7	-17	-77.1	16																																	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-F	T				1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15																													
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-F	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.		70	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021		BR63 Confirmed date of bringing into use							BR64 Date of receipt of 1st Res49																													
BR14 Special Section	CR/D/2880			CR/C/3739							B4b5 Peak of pfd																												
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000																																			
C4b Nature of service	CR	OT	OT	C6a Polarization type M							C6b Polarization angle																												
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000																																					
C11a1 Service area no.		C11a2 Service area XR2								C11a3 Service area diagram																													
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4								C11b Affected region																													
A5/A6 Coordinations/Agreements		9.12	Q	F	G	LIE																																	
C2a1 Assigned frequency																																							
11.95	GHz																																						
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																									
API/A/9509		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		11 8 7 5 4 1 -15.6		-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7		9.6 6.5 5.6 3.5 2.6 -0.4 -17			-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		18 18 18 18 18 18 18																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-G	T				1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63																													

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB324 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 292	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE			

C2a1 Assigned frequency											
12.45 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509		1 464MD7W--		11	-75.7	9.6	-77.1			2	
		2 232MD7W--		8	-75.7	6.5	-77.1			2	
		3 185MD7W--		7	-75.7	5.6	-77.1			2	
		4 116MD7W--		5	-75.7	3.5	-77.1			2	
		5 92M7D7W--		4	-75.7	2.6	-77.1			2	
		6 46M4D7W--		1	-75.7	-0.4	-77.1			2	
		7 1M02D7W--		-15.6	-75.7	-17	-77.1			2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 293	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO							
<input checked="" type="checkbox"/>	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB324 E							
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880			CR/C/3739										
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd									
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle									
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE													
C2a1 Assigned frequency													
12.45 GHz													
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 464MD7W--		11	-75.7	9.6		-77.1		3			
		2 232MD7W--		8	-75.7	6.5		-77.1		3			
		3 185MD7W--		7	-75.7	5.6		-77.1		3			
		4 116MD7W--		5	-75.7	3.5		-77.1		3			
		5 92M7D7W--		4	-75.7	2.6		-77.1		3			
		6 46M4D7W--		1	-75.7	-0.4		-77.1		3			
		7 1M02D7W--		-15.6	-75.7	-17		-77.1		3			
C10b1 Assoc. earth station id. SE-B	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter				
		1 TR	2 OT	3 CR		31	4.4	439	0.36				
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id. SE-B	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review					
13C Remarks													
<hr/>													
<input type="checkbox"/>	BR7a/BR7b Group id. 294	BR1 Date of receipt 27.12.2014			C2c RR No. 4.4								
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b										
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49				
BR14 Special Section CR/D/2880			CR/C/3739						B4b5 Peak of pfd				
C4a Class of station EC EK ER	C3a Assigned freq. band 500000												
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle									
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no. C11a2 Service area XR2										C11a3 Service area diagram			
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE													

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E

C2a1 Assigned frequency										
12.45	GHz									
A13	Ref. to Special Sections	C7a	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2
API/A/9509		Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Attch.	Min. pwr dens.	Attch.	C/N ratio	Attch.
1	464MD7W--	11	-75.7	9.6	-77.1		5			
2	232MD7W--	8	-75.7	6.5	-77.1		5			
3	185MD7W--	7	-75.7	5.6	-77.1		5			
4	116MD7W--	5	-75.7	3.5	-77.1		5			
5	92M7D7W--	4	-75.7	2.6	-77.1		5			
6	46M4D7W--	1	-75.7	-0.4	-77.1		5			
7	1M02D7W--	-15.6	-75.7	-17	-77.1		5			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	295	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G J LIE	

C2a1 Assigned frequency										
12.45	GHz									
A13	Ref. to Special Sections	C7a	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2
API/A/9509		Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Attch.	Min. pwr dens.	Attch.	C/N ratio	Attch.
1	464MD7W--	11	-75.7	9.6	-77.1		8			
2	232MD7W--	8	-75.7	6.5	-77.1		8			
3	185MD7W--	7	-75.7	5.6	-77.1		8			
4	116MD7W--	5	-75.7	3.5	-77.1		8			
5	92M7D7W--	4	-75.7	2.6	-77.1		8			
6	46M4D7W--	1	-75.7	-0.4	-77.1		8			
7	1M02D7W--	-15.6	-75.7	-17	-77.1		8			

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB324 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	296	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q F G J LIE		

C2a1 Assigned frequency												
12.45 GHz		A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		
API/A/9509		1 464MD7W--		11		-75.7		9.6		-77.1		10
		2 232MD7W--		8		-75.7		6.5		-77.1		10
		3 185MD7W--		7		-75.7		5.6		-77.1		10
		4 116MD7W--		5		-75.7		3.5		-77.1		10
		5 92M7D7W--		4		-75.7		2.6		-77.1		10
		6 46M4D7W--		1		-75.7		-0.4		-77.1		10
		7 1M02D7W--		-15.6		-75.7		-17		-77.1		10

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 297	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G J LIE		

C2a1 Assigned frequency																			
12.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
A13 Ref. to Special Sections API/A/9509		1 464MD7W--		11	-75.7	9.6	-77.1									16			
		2 232MD7W--		8	-75.7	6.5	-77.1									16			
		3 185MD7W--		7	-75.7	5.6	-77.1									16			
		4 116MD7W--		5	-75.7	3.5	-77.1									16			
		5 92M7D7W--		4	-75.7	2.6	-77.1									16			
		6 46M4D7W--		1	-75.7	-0.4	-77.1									16			
		7 1M02D7W--		-15.6	-75.7	-17	-77.1									16			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-F	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
---	---------------------------------	----------------	--------------	---------------------

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 298	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO													
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/													
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E													
C8d1 Max. tot. peak pwr. 14		C8d2 Contiguous bandwidth 1000000																	
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram															
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region															
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE																			
C2a1 Assigned frequency																			
12.45 GHz																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1 464MD7W--		11	-75.7	9.6		-77.1				18							
		2 232MD7W--		8	-75.7	6.5		-77.1				18							
		3 185MD7W--		7	-75.7	5.6		-77.1				18							
		4 116MD7W--		5	-75.7	3.5		-77.1				18							
		5 92M7D7W--		4	-75.7	2.6		-77.1				18							
		6 46M4D7W--		1	-75.7	-0.4		-77.1				18							
		7 1M02D7W--		-15.6	-75.7	-17		-77.1				18							
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter								
SE-G		T				1 TR	OT	44	1	196	1.63								
						2 TK	OT												
						3 TC	CR												
C10d5a Co-polar antenna pattern																			
C10b1 Assoc. earth station id.		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1		Co-polar rad. diag.					
Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision				13B2 Remarks		13B3 Date of Review									
13C Remarks																			
BR7a/BR7b Group id. 383		BR1 Date of receipt 27.12.2014		C2c RR No. 4.4															
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b													
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use										BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880		CR/C/3739																	
C4a Class of station EC EK ER		C3a Assigned freq. band 500000										B4b5 Peak of pfd							
C4b Nature of service CR OT OT		C6a Polarization type M										C6b Polarization angle							
C8d1 Max. tot. peak pwr. 14		C8d2 Contiguous bandwidth 1000000																	
C11a1 Service area no.		C11a2 Service area XR1 XR3										C11a3 Service area diagram							
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region															
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE																			
C2a1 Assigned frequency																			
11.95 GHz																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1 464MD7W--		11	-75.7	9.6		-77.1				2							

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E

2	232MD7W--	8	-75.7	6.5	-77.1	2
3	185MD7W--	7	-75.7	5.6	-77.1	2
4	116MD7W--	5	-75.7	3.5	-77.1	2
5	92M7D7W--	4	-75.7	2.6	-77.1	2
6	46M4D7W--	1	-75.7	-0.4	-77.1	2
7	1M02D7W--	-15.6	-75.7	-17	-77.1	2

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR OT 2 TK OT 3 TC CR	27	6.9	439	0.23	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id. 384	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements 9.12	Q F G LIE	

C2a1 Assigned frequency											
11.95	GHz	A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509			1 464MD7W--	11	-75.7	9.6	-77.1		3		
			2 232MD7W--	8	-75.7	6.5	-77.1		3		
			3 185MD7W--	7	-75.7	5.6	-77.1		3		
			4 116MD7W--	5	-75.7	3.5	-77.1		3		
			5 92M7D7W--	4	-75.7	2.6	-77.1		3		
			6 46M4D7W--	1	-75.7	-0.4	-77.1		3		
			7 1M02D7W--	-15.6	-75.7	-17	-77.1		3		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR OT 2 TK OT	31	4.4	439	0.36	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB324 E

	3 TC CR					
C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id. SE-B	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1 Co-polar rad. diag.
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review	
13C Remarks						

BR7a/BR7b Group id.	385	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	O F G LIE		

C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
API/A/9509		1 464MD7W--		11	-75.7	9.6		-77.1		5	
		2 232MD7W--		8	-75.7	6.5		-77.1		5	
		3 185MD7W--		7	-75.7	5.6		-77.1		5	
		4 116MD7W--		5	-75.7	3.5		-77.1		5	
		5 92M7D7W--		4	-75.7	2.6		-77.1		5	
		6 46M4D7W--		1	-75.7	-0.4		-77.1		5	
		7 1M02D7W--		-15.6	-75.7	-17		-77.1		5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46	

C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id. SE-C	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										

BR7a/BR7b Group id.	386	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	DB324 E					
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd							
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.	C11a2 Service area XR1 XR3		C11b Affected region			C11a3 Service area diagram					
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4										
A5/A6 Coordinations/Agreements 9.12 Q F G LIE											
C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--		11	-75.7	9.6		-77.1		8	
		2 232MD7W--		8	-75.7	6.5		-77.1		8	
		3 185MD7W--		7	-75.7	5.6		-77.1		8	
		4 116MD7W--		5	-75.7	3.5		-77.1		8	
		5 92M7D7W--		4	-75.7	2.6		-77.1		8	
		6 46M4D7W--		1	-75.7	-0.4		-77.1		8	
		7 1M02D7W--		-15.6	-75.7	-17		-77.1		8	
C10b1 Assoc. earth station id. SE-D	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter		
		1 TR	2 OT	3 CR		35	2.8	374	0.58		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A		Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review				
13C Remarks											
<input type="checkbox"/> BR7a/BR7b Group id. 387	BR1 Date of receipt 27.12.2014			C2c RR No. 4.4							
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd							
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.	C11a2 Service area XR1 XR3		C11b Affected region			C11a3 Service area diagram					
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4										
A5/A6 Coordinations/Agreements 9.12 Q F G LIE											

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	11 8 7 5 4 1 -15.6	-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7	9.6 6.5 5.6 3.5 2.6 -0.4 -17		-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		10 10 10 10 10 10 10		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	388	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G LIE	

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	11 8 7 5 4 1 -15.6	-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7	9.6 6.5 5.6 3.5 2.6 -0.4 -17		-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		16 16 16 16 16 16 16		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB324 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-F	AP8								
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				
13C Remarks									

BR7a/BR7b Group id. 389	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q F G LIE		

C2a1 Assigned frequency												
11.95 GHz		A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		
API/A/9509		1 464MD7W--		11		-75.7		9.6		-77.1		18
		2 232MD7W--		8		-75.7		6.5		-77.1		18
		3 185MD7W--		7		-75.7		5.6		-77.1		18
		4 116MD7W--		5		-75.7		3.5		-77.1		18
		5 92M7D7W--		4		-75.7		2.6		-77.1		18
		6 46M4D7W--		1		-75.7		-0.4		-77.1		18
		7 1M02D7W--		-15.6		-75.7		-17		-77.1		18

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-G	AP8								
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
<input checked="" type="checkbox"/>	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
	BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E

13C Remarks

<input type="checkbox"/>	BR7a/BR7b Group id. 390	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F G J LIE F AUS G		

C2a1 Assigned frequency									
12.45 GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	11 8 7 5 4 1 -15.6	-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7	9.6 6.5 5.6 3.5 2.6 -0.4 -17		-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		2 2 2 2 2 2 2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T				1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks <input type="text"/>				

<input type="checkbox"/>	BR7a/BR7b Group id. 391	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E							
C8d1 Max. tot. peak pwr. 14		C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram									
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	F G J LIE AUS G										
C2a1 Assigned frequency													
12.45 GHz													
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		11 8 7 5 4 1 -15.6	-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7	9.6 6.5 5.6 3.5 2.6 -0.4 -17		-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		3 3 3 3 3 3 3			
C10b1 Assoc. earth station id. SE-B	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter				
					1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36			
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id. SE-B	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review								
13C Remarks													
BR7a/BR7b Group id. 392		BR1 Date of receipt 27.12.2014		C2c RR No. 4.4									
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use								BR64 Date of receipt of 1st Res49			
BR14 Special Section CR/D/2880		CR/C/3739								B4b5 Peak of pfd			
C4a Class of station EC EK ER		C3a Assigned freq. band 500000											
C4b Nature of service CR OT OT		C6a Polarization type M								C6b Polarization angle			
C8d1 Max. tot. peak pwr. 14		C8d2 Contiguous bandwidth 1000000											
C11a1 Service area no.		C11a2 Service area XR1 XR3								C11a3 Service area diagram			
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	F G J LIE AUS G										
C2a1 Assigned frequency													
12.45 GHz													

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	11 8 7 5 4 1 -15.6	-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7	9.6 6.5 5.6 3.5 2.6 -0.4 -17		-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		5 5 5 5 5 5 5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	393	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F F AUS G	F G J LIE

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	11 8 7 5 4 1 -15.6	-75.7 -75.7 -75.7 -75.7 -75.7 -75.7 -75.7	9.6 6.5 5.6 3.5 2.6 -0.4 -17		-77.1 -77.1 -77.1 -77.1 -77.1 -77.1 -77.1		8 8 8 8 8 8 8	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	394	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	14	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F F G AUS G	F G J LIE

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	464MD7W--		11	-75.7	9.6		-77.1		10	
2	232MD7W--		8	-75.7	6.5		-77.1		10	
3	185MD7W--		7	-75.7	5.6		-77.1		10	
4	116MD7W--		5	-75.7	3.5		-77.1		10	
5	92M7D7W--		4	-75.7	2.6		-77.1		10	
6	46M4D7W--		1	-75.7	-0.4		-77.1		10	
7	1M02D7W--		-15.6	-75.7	-17		-77.1		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB324 E

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 395	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 14	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no. C11a2 Service area XR1 XR3	C11a3 Service area diagram		
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	G J LIE AUS G	

C2a1 Assigned frequency										
12.45 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--	11	-75.7	9.6	-77.1			16	
		2 232MD7W--	8	-75.7	6.5	-77.1			16	
		3 185MD7W--	7	-75.7	5.6	-77.1			16	
		4 116MD7W--	5	-75.7	3.5	-77.1			16	
		5 92M7D7W--	4	-75.7	2.6	-77.1			16	
		6 46M4D7W--	1	-75.7	-0.4	-77.1			16	
		7 1M02D7W--	-15.6	-75.7	-17	-77.1			16	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-F	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

BR7a/BR7b Group id. 396	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO								
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.							
					DB324 E							
C4a Class of station		EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd						
C4b Nature of service		CR	OT	OT	C6a Polarization type M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.		14	C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram								
C9c1 Type of multiple access		3	C9c2 Spectrum mask diagram 4		C11b Affected region							
A5/A6 Coordinations/Agreements		9.12	Q	F G J LIE								
		9.7B	F	AUS G								
C2a1 Assigned frequency												
12.45	GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1	464MD7W--	11	-75.7	9.6		-77.1		18		
		2	232MD7W--	8	-75.7	6.5		-77.1		18		
		3	185MD7W--	7	-75.7	5.6		-77.1		18		
		4	116MD7W--	5	-75.7	3.5		-77.1		18		
		5	92M7D7W--	4	-75.7	2.6		-77.1		18		
		6	46M4D7W--	1	-75.7	-0.4		-77.1		18		
		7	1M02D7W--	-15.6	-75.7	-17		-77.1		18		
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G		T				1 TR 2 TK 3 TC	OT CR	44	1	196	1.63	
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-G		AP8										
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision	13B2 Remarks		13B3 Date of Review				
13C Remarks												
B1a/BR17 Beam designation DB359		B1b Steerable Y		B2 Emi-Rcp E		B3a1 Max. co-polar gain 35.9						
B2bis.a Transmit only when visible from notified service area Y B2bis.b Min. Elev. Angle 2												
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern REC-1528	Coef. A	Coef. B						Co-polar rad. diag.				
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1		B4b3 Spreading loss data 2								
BR92 Attach. for missing angle alpha/beta 5												
B4b4a Max. E.I.R.P. at 4kHz -6.2		B4b4b Average E.I.R.P. at 4kHz -6.2		B4b4c Max. E.I.R.P. at 1MHz 17.8		B4b4d Average E.I.R.P. at 1MHz 17.8						
BR7a/BR7b Group id. 71		BR1 Date of receipt 27.12.2014		C2c RR No. 4.4								
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b						

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no. C	DB359 E					
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd					
C4a Class of station EC EK ER	C3a Assigned freq. band 500000										
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							
A5/A6 Coordinations/Agreements 9.12 Q F G LIE											
C2a1 Assigned frequency 11.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6	2 2 2 2 2 2 2		
C10b1 Assoc. earth station id. SE-A	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
					1 TR 2 TK 3 TC	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review			
13C Remarks											
BR7a/BR7b Group id. 72			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4					
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49		
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000						B4b5 Peak of pfd				
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram							
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region							

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359	E						
A5/A6 Coordinations/Agreements		9.12	Q	F G LIE	9.7B	F						
C2a1 Assigned frequency												
11.95	GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1	464MD7W--	9.8	-76.9	6.1		-80.6	5			
		2	232MD7W--	6.8	-76.9	3		-80.6	5			
		3	185MD7W--	5.8	-76.9	2.1		-80.6	5			
		4	116MD7W--	3.7	-76.9	0		-80.6	5			
		5	92M7D7W--	2.8	-76.9	-0.9		-80.6	5			
		6	46M4D7W--	-0.2	-76.9	-3.9		-80.6	5			
		7	1M02D7W--	-16.8	-76.9	-20.5		-80.6	5			
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-B	T				1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36		
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
SE-B	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												

BR7a/BR7b Group id.	73	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd					
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle					
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth	1000000								
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram							
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements		9.12	Q	F G LIE	9.7B	F					
C2a1 Assigned frequency											
11.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1	464MD7W--	9.8	-76.9	6.1		-80.6	7		
		2	232MD7W--	6.8	-76.9	3		-80.6	7		
		3	185MD7W--	5.8	-76.9	2.1		-80.6	7		
		4	116MD7W--	3.7	-76.9	0		-80.6	7		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:			Notice type: NONGEO																													
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																														
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.		DB359	E																											
<table border="1"> <tr><td>5</td><td>92M7D7W--</td><td>2.8</td><td>-76.9</td><td>-0.9</td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>6</td><td>46M4D7W--</td><td>-0.2</td><td>-76.9</td><td>-3.9</td><td>-80.6</td><td></td><td>7</td><td></td></tr> <tr><td>7</td><td>1M02D7W--</td><td>-16.8</td><td>-76.9</td><td>-20.5</td><td>-80.6</td><td></td><td>7</td><td></td></tr> </table>									5	92M7D7W--	2.8	-76.9	-0.9	-80.6		7		6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		7		7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		7	
5	92M7D7W--	2.8	-76.9	-0.9	-80.6		7																												
6	46M4D7W--	-0.2	-76.9	-3.9	-80.6		7																												
7	1M02D7W--	-16.8	-76.9	-20.5	-80.6		7																												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-C	T			1 TR 2 TK 3 TC	33	3.5	439	0.46																											
C10d5a Co-polar antenna pattern																																			
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																												
SE-C	AP8																																		
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																														
13C Remarks																																			
BR7a/BR7b Group id.		74	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																															
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																															
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																														
BR14 Special Section	CR/D/2880		CR/C/3739																																
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd																														
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																														
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000																																	
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram																															
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																															
A5/A6 Coordinations/Agreements		9.12	Q	F G LIE																															
9.7B		F																																	
C2a1 Assigned frequency																																			
11.95 GHz																																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																								
API/A/9509		1 464MD7W--	9.8	-76.9	6.1		-80.6		10																										
		2 232MD7W--	6.8	-76.9	3		-80.6		10																										
		3 185MD7W--	5.8	-76.9	2.1		-80.6		10																										
		4 116MD7W--	3.7	-76.9	0		-80.6		10																										
		5 92M7D7W--	2.8	-76.9	-0.9		-80.6		10																										
		6 46M4D7W--	-0.2	-76.9	-3.9		-80.6		10																										
		7 1M02D7W--	-16.8	-76.9	-20.5		-80.6		10																										
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																											
SE-D	T			1 TR 2 TK 3 TC	35	2.8	374	0.58																											

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 75	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	G LIE

C2a1 Assigned frequency											
11.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections API/A/9509											
1	464MD7W--			9.8	-76.9		6.1		-80.6		14
2	232MD7W--			6.8	-76.9		3		-80.6		14
3	185MD7W--			5.8	-76.9		2.1		-80.6		14
4	116MD7W--			3.7	-76.9		0		-80.6		14
5	92M7D7W--			2.8	-76.9		-0.9		-80.6		14
6	46M4D7W--			-0.2	-76.9		-3.9		-80.6		14
7	1M02D7W--			-16.8	-76.9		-20.5		-80.6		14

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review		
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 76	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO											
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/												
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB359 E											
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49											
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd											
C4a Class of station EC EK ER			C3a Assigned freq. band 500000														
C4b Nature of service CR OT OT			C6a Polarization type M			C6b Polarization angle											
C8d1 Max. tot. peak pwr. 12.8			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR2			C11a3 Service area diagram											
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F G LIE														
C2a1 Assigned frequency																	
11.95 GHz																	
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
		1 464MD7W--		9.8	-76.9	6.1		-80.6		18							
		2 232MD7W--		6.8	-76.9	3		-80.6		18							
		3 185MD7W--		5.8	-76.9	2.1		-80.6		18							
		4 116MD7W--		3.7	-76.9	0		-80.6		18							
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6		18							
		6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		18							
		7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		18							
C10b1 Assoc. earth station id. SE-F		C10b2 Type T		C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
							1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15					
C10d5a Co-polar antenna pattern																	
C10b1 Assoc. earth station id. SE-F		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.				
Findings		2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review							
13C Remarks																	
BR7a/BR7b Group id. 77			BR1 Date of receipt 27.12.2014			C2c RR No. 4.4											
A2b Period of valid. 50			A3a Op. agency 084			A3b Adm. resp. A			BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880			CR/C/3739														
C4a Class of station EC EK ER			C3a Assigned freq. band 500000						B4b5 Peak of pfd								
C4b Nature of service CR OT OT			C6a Polarization type M						C6b Polarization angle								
C8d1 Max. tot. peak pwr. 12.8			C8d2 Contiguous bandwidth 1000000														
C11a1 Service area no.			C11a2 Service area XR2						C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4			C11b Affected region											

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB359 E

A5/A6 Coordinations/Agreements	9.12	Q	F	G	LIE				
--------------------------------	------	---	---	---	-----	--	--	--	--

C2a1 Assigned frequency											
11.95	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections				1 464MD7W--	9.8	-76.9	6.1	-80.6		20	
API/A/9509		2 232MD7W--		6.8	-76.9	3		-80.6		20	
		3 185MD7W--		5.8	-76.9	2.1		-80.6		20	
		4 116MD7W--		3.7	-76.9	0		-80.6		20	
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6		20	
		6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		20	
		7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		20	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G	T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review	
13C Remarks						

BR7a/BR7b Group id.	299	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000
C4b Nature of service	CR	OT	OT	C6a Polarization type M
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth	1000000	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region

A5/A6 Coordinations/Agreements	9.12	Q	F	G	J	LIE	
--------------------------------	------	---	---	---	---	-----	--

C2a1 Assigned frequency											
12.45	GHz	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
A13 Ref. to Special Sections				1 464MD7W--	9.8	-76.9	6.1	-80.6		2	
API/A/9509		2 232MD7W--		6.8	-76.9	3		-80.6		2	
		3 185MD7W--		5.8	-76.9	2.1		-80.6		2	
		4 116MD7W--		3.7	-76.9	0		-80.6		2	
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6		2	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E

6	46M4D7W--	-0.2	-76.9	-3.9	-80.6	2
7	1M02D7W--	-16.8	-76.9	-20.5	-80.6	2

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	27	6.9	439	0.23	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id. 300	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements 9.12	Q F G J LIE	

C2a1 Assigned frequency															
12.45 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1 464MD7W--		9.8	-76.9	6.1	-80.6	5									
2 232MD7W--		6.8	-76.9	3	-80.6	5									
3 185MD7W--		5.8	-76.9	2.1	-80.6	5									
4 116MD7W--		3.7	-76.9	0	-80.6	5									
5 92M7D7W--		2.8	-76.9	-0.9	-80.6	5									
6 46M4D7W--		-0.2	-76.9	-3.9	-80.6	5									
7 1M02D7W--		-16.8	-76.9	-20.5	-80.6	5									

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	31	4.4	439	0.36	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO									
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/									
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E									
Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks									
13C Remarks		13B3 Date of Review											
<p><input type="checkbox"/> BR7a/BR7b Group id. 301 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4</p> <p>A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b</p> <p>BR62 Expiry date for bringing into use 27.06.2021 BR63 Confirmed date of bringing into use</p> <p>BR14 Special Section CR/D/2880 CR/C/3739</p> <p>C4a Class of station EC EK ER C3a Assigned freq. band 500000 B4b5 Peak of pfd</p> <p>C4b Nature of service CR OT OT C6a Polarization type M C6b Polarization angle</p> <p>C8d1 Max. tot. peak pwr. 12.8 C8d2 Contiguous bandwidth 1000000</p> <p>C11a1 Service area no. C11a2 Service area XR2 C11a3 Service area diagram</p> <p>C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4 C11b Affected region</p> <p>A5/A6 Coordinations/Agreements 9.12 Q F G J LIE</p>													
C2a1 Assigned frequency													
12.45 GHz													
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.			
		1 464MD7W--	9.8	-76.9	6.1		-80.6		7				
		2 232MD7W--	6.8	-76.9	3		-80.6		7				
		3 185MD7W--	5.8	-76.9	2.1		-80.6		7				
		4 116MD7W--	3.7	-76.9	0		-80.6		7				
		5 92M7D7W--	2.8	-76.9	-0.9		-80.6		7				
		6 46M4D7W--	-0.2	-76.9	-3.9		-80.6		7				
		7 1M02D7W--	-16.8	-76.9	-20.5		-80.6		7				
C10b1 Assoc. earth station id. SE-C		C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter			
						1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46		
C10d5a Co-polar antenna pattern													
C10b1 Assoc. earth station id. SE-C		Co-polar ref. pattern AP8		Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.
Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review					
13C Remarks													

<input type="checkbox"/> BR7a/BR7b Group id.	302	BR1 Date of receipt	27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency	084	A3b Adm. resp.	[A]
BR62 Expiry date for bringing into use			27.06.2021	BR63 Confirmed date of bringing into use	
BR14 Special Section		CR/D/2880	CR/C/3739	BR64 Date of receipt of 1st Res49	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.						
					DB359 E						
C4a Class of station EC EK ER			C3a Assigned freq. band 500000		B4b5 Peak of pfd						
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle						
C8d1 Max. tot. peak pwr. 12.8			C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.			C11a2 Service area XR2		C11a3 Service area diagram						
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region						
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE											
C2a1 Assigned frequency											
12.45 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W--	9.8	-76.9	6.1		-80.6		10		
		2 232MD7W--	6.8	-76.9	3		-80.6		10		
		3 185MD7W--	5.8	-76.9	2.1		-80.6		10		
		4 116MD7W--	3.7	-76.9	0		-80.6		10		
		5 92M7D7W--	2.8	-76.9	-0.9		-80.6		10		
		6 46M4D7W--	-0.2	-76.9	-3.9		-80.6		10		
		7 1M02D7W--	-16.8	-76.9	-20.5		-80.6		10		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-D	T				1 TR 2 TK 3 TC	35	2.8	374	0.58		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks											
BR7a/BR7b Group id. 303			BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid. 50			A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER			C3a Assigned freq. band 500000		B4b5 Peak of pfd						
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle						
C8d1 Max. tot. peak pwr. 12.8			C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.			C11a2 Service area XR2		C11a3 Service area diagram						
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region						
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE											
C2a1 Assigned frequency											
12.45 GHz											

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		14 14 14 14 14 14 14	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	304	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth	1000000	
C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q	F G J LIE	

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		18 18 18 18 18 18 18	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB359 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-F	AP8								
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				
13C Remarks									

BR7a/BR7b Group id.	305	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49			
BR14 Special Section	CR/D/2880	CR/C/3739				
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd			
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle			
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000				
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region			
A5/A6 Coordinations/Agreements	9.12	Q F G J LIE				

C2a1 Assigned frequency											
12.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
A13 Ref. to Special Sections		1 API/A/9509	232MD7W--	9.8	-76.9	6.1	-80.6	20			
		3	185MD7W--	6.8	-76.9	3	-80.6	20			
		4	116MD7W--	5.8	-76.9	2.1	-80.6	20			
		5	92M7D7W--	3.7	-76.9	0	-80.6	20			
		6	46M4D7W--	2.8	-76.9	-0.9	-80.6	20			
		7	1M02D7W--	-0.2	-76.9	-3.9	-80.6	20			
				-16.8	-76.9	-20.5	-80.6	20			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern									
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.		
SE-G	AP8								
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review				

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB359 E

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 397	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G LIE			

C2a1 Assigned frequency																			
11.95 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
A13 Ref. to Special Sections API/A/9509		1 464MD7W--		9.8	-76.9	6.1		-80.6				2							
		2 232MD7W--		6.8	-76.9	3		-80.6				2							
		3 185MD7W--		5.8	-76.9	2.1		-80.6				2							
		4 116MD7W--		3.7	-76.9	0		-80.6				2							
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6				2							
		6 46M4D7W--		-0.2	-76.9	-3.9		-80.6				2							
		7 1M02D7W--		-16.8	-76.9	-20.5		-80.6				2							

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

<input type="checkbox"/> BR7a/BR7b Group id. 398	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E

C8d1 Max. tot. peak pwr. 12.8 C8d2 Contiguous bandwidth 1000000

C11a1 Service area no. C11a2 Service area XR1 XR3

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4

C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G LIE

C2a1 Assigned frequency										
11.95	GHz									
A13	Ref. to Special Sections	C7a	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2
API/A/9509		Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Attch.	Min. pwr dens.	Attch.	C/N ratio	Attch.
1	464MD7W--		9.8	-76.9	6.1		-80.6		5	
2	232MD7W--		6.8	-76.9	3		-80.6		5	
3	185MD7W--		5.8	-76.9	2.1		-80.6		5	
4	116MD7W--		3.7	-76.9	0		-80.6		5	
5	92M7D7W--		2.8	-76.9	-0.9		-80.6		5	
6	46M4D7W--		-0.2	-76.9	-3.9		-80.6		5	
7	1M02D7W--		-16.8	-76.9	-20.5		-80.6		5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 399	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739		B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no. C11a2 Service area XR1 XR3		C11b Affected region	C11a3 Service area diagram
C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4			
A5/A6 Coordinations/Agreements 9.12 Q F G LIE			
C2a1 Assigned frequency			
11.95	GHz		
A13	Ref. to Special Sections	C7a	C8a1/C8b1
API/A/9509		Design. of emission	Max. peak pwr
1	464MD7W--		9.8
			-76.9
			6.1
			-80.6
			7

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E

2	232MD7W--	6.8	-76.9	3		-80.6		7	
3	185MD7W--	5.8	-76.9	2.1		-80.6		7	
4	116MD7W--	3.7	-76.9	0		-80.6		7	
5	92M7D7W--	2.8	-76.9	-0.9		-80.6		7	
6	46M4D7W--	-0.2	-76.9	-3.9		-80.6		7	
7	1M02D7W--	-16.8	-76.9	-20.5		-80.6		7	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR OT 2 TK OT 3 TC CR	33	3.5	439	0.46	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id. 400	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements 9.12	Q F G LIE	

C2a1 Assigned frequency										
11.95	GHz	C7a Design. of emission			C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	
A13 Ref. to Special Sections API/A/9509			1	464MD7W--	9.8	-76.9	6.1		-80.6	10
			2	232MD7W--	6.8	-76.9	3		-80.6	10
			3	185MD7W--	5.8	-76.9	2.1		-80.6	10
			4	116MD7W--	3.7	-76.9	0		-80.6	10
			5	92M7D7W--	2.8	-76.9	-0.9		-80.6	10
			6	46M4D7W--	-0.2	-76.9	-3.9		-80.6	10
			7	1M02D7W--	-16.8	-76.9	-20.5		-80.6	10

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR OT 2 TK OT	35	2.8	374	0.58	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.						
		3 TC CR			DB359 E						
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
<input type="checkbox"/> BR7a/BR7b Group id. 401	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880	CR/C/3739					B4b5 Peak of pfd					
C4a Class of station EC EK ER	C3a Assigned freq. band 500000										
C4b Nature of service CR OT OT	C6a Polarization type M		C6b Polarization angle								
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000										
C11a1 Service area no.	C11a2 Service area XR1 XR3					C11a3 Service area diagram					
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 O F G LIE											
C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.
		1 464MD7W--		9.8	-76.9	6.1		-80.6		14	
		2 232MD7W--		6.8	-76.9	3		-80.6		14	
		3 185MD7W--		5.8	-76.9	2.1		-80.6		14	
		4 116MD7W--		3.7	-76.9	0		-80.6		14	
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6		14	
		6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		14	
		7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		14	
C10b1 Assoc. earth station id. SE-E		C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
					1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-E	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
<input type="checkbox"/> BR7a/BR7b Group id. 402	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/									
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB359 E								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000													
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle										
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000													
C11a1 Service area no.	C11a2 Service area XR1 XR3				C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region												
A5/A6 Coordinations/Agreements 9.12 Q F G LIE														
C2a1 Assigned frequency														
11.95 GHz														
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
		1 464MD7W--		9.8	-76.9	6.1		-80.6		18				
		2 232MD7W--		6.8	-76.9	3		-80.6		18				
		3 185MD7W--		5.8	-76.9	2.1		-80.6		18				
		4 116MD7W--		3.7	-76.9	0		-80.6		18				
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6		18				
		6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		18				
		7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		18				
C10b1 Assoc. earth station id. SE-F	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter					
		1 TR	OT	41	1.4	196	1.15							
2	TK	OT												
	3	TC	CR											
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id. SE-F	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.							
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review									
13C Remarks														
<input type="checkbox"/> BR7a/BR7b Group id. 403	BR1 Date of receipt 27.12.2014			C2c RR No. 4.4										
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b											
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd								
C4a Class of station EC EK ER	C3a Assigned freq. band 500000													
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle										
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000													
C11a1 Service area no.	C11a2 Service area XR1 XR3				C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region												
A5/A6 Coordinations/Agreements 9.12 Q F G LIE														

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		20 20 20 20 20 20 20		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	44	1	196	1.63	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	404	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F G J LIE AUS G	

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W--	9.8 6.8 5.8 3.7 2.8 -0.2	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6		2 2 2 2 2 2		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.		DB359 E

7	1M02D7W--	-16.8	-76.9	-20.5	-80.6	2	
---	-----------	-------	-------	-------	-------	---	--

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	27	6.9	439	0.23	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks	<input type="text"/>				

<input type="checkbox"/> BR7a/BR7b Group id. 405	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739		
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pfd
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	F G J LIE AUS G	

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--		9.8	-76.9	6.1		-80.6		5		
2 232MD7W--		6.8	-76.9	3		-80.6		5		
3 185MD7W--		5.8	-76.9	2.1		-80.6		5		
4 116MD7W--		3.7	-76.9	0		-80.6		5		
5 92M7D7W--		2.8	-76.9	-0.9		-80.6		5		
6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		5		
7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		5		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	31	4.4	439	0.36	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id. 406	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 12.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 9.7B	Q F	F G J LIE AUS G	

C2a1 Assigned frequency														
12.45 GHz														
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 464MD7W--		9.8	-76.9	6.1		-80.6			7			
		2 232MD7W--		6.8	-76.9	3		-80.6			7			
		3 185MD7W--		5.8	-76.9	2.1		-80.6			7			
		4 116MD7W--		3.7	-76.9	0		-80.6			7			
		5 92M7D7W--		2.8	-76.9	-0.9		-80.6			7			
		6 46M4D7W--		-0.2	-76.9	-3.9		-80.6			7			
		7 1M02D7W--		-16.8	-76.9	-20.5		-80.6			7			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-C	T			1 TR 2 TK 3 TC	OT CR	33	3.5	439	0.46	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id. 407	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.						
					DB359 E						
C4a Class of station EC EK ER			C3a Assigned freq. band 500000		B4b5 Peak of pfd						
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle						
C8d1 Max. tot. peak pwr. 12.8			C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.			C11a2 Service area XR1 XR3		C11a3 Service area diagram						
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region						
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F G J LIE AUS G								
C2a1 Assigned frequency 12.45 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		9.8 6.8 5.8 3.7 2.8 -0.2 -16.8	-76.9 -76.9 -76.9 -76.9 -76.9 -76.9 -76.9	6.1 3 2.1 0 -0.9 -3.9 -20.5		-80.6 -80.6 -80.6 -80.6 -80.6 -80.6 -80.6		10 10 10 10 10 10 10	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwtdth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-D	T				1 TR 2 TK 3 TC	35	2.8	374	0.58		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-D	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
BR7a/BR7b Group id. 408			BR1 Date of receipt 27.12.2014	C2c RR No. 4.4							
A2b Period of valid. 50			A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739								
C4a Class of station EC EK ER			C3a Assigned freq. band 500000		B4b5 Peak of pfd						
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle						
C8d1 Max. tot. peak pwr. 12.8			C8d2 Contiguous bandwidth 1000000								
C11a1 Service area no.			C11a2 Service area XR1 XR3		C11a3 Service area diagram						
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4		C11b Affected region						
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F G J LIE AUS G								

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E

C2a1 Assigned frequency											
12.45	GHz										
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2	
API/A/9509		1	464MD7W--		9.8		-76.9		6.1		
		2	232MD7W--		6.8		-76.9		3		
		3	185MD7W--		5.8		-76.9		2.1		
		4	116MD7W--		3.7		-76.9		0		
		5	92M7D7W--		2.8		-76.9		-0.9		
		6	46M4D7W--		-0.2		-76.9		-3.9		
		7	1M02D7W--		-16.8		-76.9		-20.5		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	409	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F F	F G J LIE AUS G

C2a1 Assigned frequency											
12.45	GHz										
A13	Ref. to Special Sections	C7a	Design. of emission	C8a1/C8b1	Max. peak pwr	C8a2/C8b2	Max. pwr dens.	C8c1	Min. peak pwr	C8c2	
API/A/9509		1	464MD7W--		9.8		-76.9		6.1		
		2	232MD7W--		6.8		-76.9		3		
		3	185MD7W--		5.8		-76.9		2.1		
		4	116MD7W--		3.7		-76.9		0		
		5	92M7D7W--		2.8		-76.9		-0.9		
		6	46M4D7W--		-0.2		-76.9		-3.9		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E

7	1M02D7W--	-16.8	-76.9	-20.5	-80.6	18	
---	-----------	-------	-------	-------	-------	----	--

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	41	1.4	196	1.15	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	410	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC	EK	ER	C2c RR No. 4.4
C4b Nature of service	CR	OT	OT	C6a Polarization type M
C8d1 Max. tot. peak pwr.	12.8	C8d2 Contiguous bandwidth	1000000	C6b Polarization angle
C11a1 Service area no.		C11a2 Service area XR1	XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	F G J LIE AUS G	

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--		9.8	-76.9	6.1		-80.6		20		
2 232MD7W--		6.8	-76.9	3		-80.6		20		
3 185MD7W--		5.8	-76.9	2.1		-80.6		20		
4 116MD7W--		3.7	-76.9	0		-80.6		20		
5 92M7D7W--		2.8	-76.9	-0.9		-80.6		20		
6 46M4D7W--		-0.2	-76.9	-3.9		-80.6		20		
7 1M02D7W--		-16.8	-76.9	-20.5		-80.6		20		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	44	1	196	1.63	

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB359 E					
Findings 2D Date of protection 27.12.2014		13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										
<input checked="" type="checkbox"/> B1a/BR17 Beam designation DB403	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 40.3							
B2bis.a Transmit only when visible from notified service area Y		B2bis.b Min. Elev. Angle 2								
B3c1 Co-polar antenna pattern										
Co-polar ref. pattern REC-1528	Coef. A	Coef. B			Co-polar rad. diag.					
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2							
BR92 Attach. for missing angle alpha/beta 5										
B4b4a Max. E.I.R.P. at 4kHz -5.8	B4b4b Average E.I.R.P. at 4kHz -5.8	B4b4c Max. E.I.R.P. at 1MHz 18.2	B4b4d Average E.I.R.P. at 1MHz 18.2							
<input checked="" type="checkbox"/> BR7a/BR7b Group id. 78	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880	CR/C/3739									
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd								
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle								
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F G LIE										
C2a1 Assigned frequency										
11.95 GHz										
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--	5.8	-80.9	1.7		-85		2			
2 232MD7W--	2.8	-80.9	-1.4		-85		2			
3 185MD7W--	1.8	-80.9	-2.3		-85		2			
4 116MD7W--	-0.2	-80.9	-4.4		-85		2			
5 92M7D7W--	-1.2	-80.9	-5.3		-85		2			
6 46M4D7W--	-4.2	-80.9	-8.3		-85		2			
7 1M02D7W--	-20.8	-80.9	-24.9		-85		2			
C10b1 Assoc. earth station id. SE-A	C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain 27	C10d4 Bmwth 6.9	C10d6 Noise temp. 439	C10d7 Ant. diameter 0.23		
1 TR	2 TK	3 TC								

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 79	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q	G LIE	
9.7B	F		

C2a1 Assigned frequency										
11.95 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--		5.8	-80.9	1.7	-85		5			
2 232MD7W--		2.8	-80.9	-1.4	-85		5			
3 185MD7W--		1.8	-80.9	-2.3	-85		5			
4 116MD7W--		-0.2	-80.9	-4.4	-85		5			
5 92M7D7W--		-1.2	-80.9	-5.3	-85		5			
6 46M4D7W--		-4.2	-80.9	-8.3	-85		5			
7 1M02D7W--		-20.8	-80.9	-24.9	-85		5			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 80	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																																																																																			
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																																																																																				
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB403 E																																																																																																			
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																																																																			
BR14 Special Section CR/D/2880			CR/C/3739			B4b5 Peak of pfd																																																																																																			
C4a Class of station EC EK ER	C3a Assigned freq. band 500000																																																																																																								
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle																																																																																																					
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000																																																																																																								
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram																																																																																																					
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region																																																																																																					
A5/A6 Coordinations/Agreements 9.12 Q F G LIE																																																																																																									
C2a1 Assigned frequency																																																																																																									
11.95 GHz																																																																																																									
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																																																																																														
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9	-85 -85 -85 -85 -85 -85 -85		7 7 7 7 7 7 7																																																																																																
C10b1 Assoc. earth station id. SE-C	C10b2 Type T	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																																																																																																
					1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46																																																																																															
C10d5a Co-polar antenna pattern																																																																																																									
C10b1 Assoc. earth station id. SE-C	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																																																																																
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review																																																																																																	
13C Remarks																																																																																																									
<table border="1"> <tr> <td>BR7a/BR7b Group id. 81</td> <td>BR1 Date of receipt 27.12.2014</td> <td>C2c RR No. 4.4</td> </tr> <tr> <td>A2b Period of valid. 50</td> <td>A3a Op. agency 084</td> <td>A3b Adm. resp. A</td> <td colspan="2">BR16 Value of type C8b</td> <td colspan="7"></td> </tr> <tr> <td colspan="3">BR62 Expiry date for bringing into use 27.06.2021</td> <td colspan="3">BR63 Confirmed date of bringing into use</td> <td colspan="6">BR64 Date of receipt of 1st Res49</td> </tr> <tr> <td colspan="3">BR14 Special Section CR/D/2880</td> <td colspan="3">CR/C/3739</td> <td colspan="6"></td> </tr> <tr> <td>C4a Class of station EC EK ER</td> <td colspan="3">C3a Assigned freq. band 500000</td> <td colspan="7">B4b5 Peak of pfd</td> </tr> <tr> <td>C4b Nature of service CR OT OT</td> <td colspan="3">C6a Polarization type M</td> <td colspan="7">C6b Polarization angle</td> </tr> <tr> <td>C8d1 Max. tot. peak pwr. 8.8</td> <td colspan="3">C8d2 Contiguous bandwidth 1000000</td> <td colspan="7"></td> </tr> <tr> <td>C11a1 Service area no. C11a2 Service area XR2</td> <td colspan="3"></td> <td colspan="7">C11a3 Service area diagram</td> </tr> <tr> <td>C9c1 Type of multiple access 3</td> <td colspan="3">C9c2 Spectrum mask diagram 4</td> <td colspan="7">C11b Affected region</td> </tr> </table>												BR7a/BR7b Group id. 81	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						BR14 Special Section CR/D/2880			CR/C/3739									C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd							C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle							C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000										C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram							C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region						
BR7a/BR7b Group id. 81	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																																																																																							
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																																																																																						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49																																																																																																			
BR14 Special Section CR/D/2880			CR/C/3739																																																																																																						
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd																																																																																																					
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle																																																																																																					
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000																																																																																																								
C11a1 Service area no. C11a2 Service area XR2				C11a3 Service area diagram																																																																																																					
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4			C11b Affected region																																																																																																					

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB403 E

A5/A6 Coordinations/Agreements	9.12	Q	F	G	LIE	
	9.7B					

C2a1 Assigned frequency											
11.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509		1	464MD7W--	5.8	-80.9	1.7		-85		10	
		2	232MD7W--	2.8	-80.9	-1.4		-85		10	
		3	185MD7W--	1.8	-80.9	-2.3		-85		10	
		4	116MD7W--	-0.2	-80.9	-4.4		-85		10	
		5	92M7D7W--	-1.2	-80.9	-5.3		-85		10	
		6	46M4D7W--	-4.2	-80.9	-8.3		-85		10	
		7	1M02D7W--	-20.8	-80.9	-24.9		-85		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	82	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4		
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section	CR/D/2880	CR/C/3739		B4b5 Peak of pfd	
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth	1000000		
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram	
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q	F	G	LIE
	9.7B				

C2a1 Assigned frequency											
11.95	GHz										
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509		1	464MD7W--	5.8	-80.9	1.7		-85		14	
		2	232MD7W--	2.8	-80.9	-1.4		-85		14	
		3	185MD7W--	1.8	-80.9	-2.3		-85		14	
		4	116MD7W--	-0.2	-80.9	-4.4		-85		14	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO																																	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/																																		
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB403 E																																	
<table border="1"> <tr> <td>5</td><td>92M7D7W--</td> <td>-1.2</td> <td>-80.9</td> <td>-5.3</td> <td>-85</td> <td>14</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td><td>46M4D7W--</td> <td>-4.2</td> <td>-80.9</td> <td>-8.3</td> <td>-85</td> <td>14</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td><td>1M02D7W--</td> <td>-20.8</td> <td>-80.9</td> <td>-24.9</td> <td>-85</td> <td>14</td> <td></td> <td></td> <td></td> </tr> </table>										5	92M7D7W--	-1.2	-80.9	-5.3	-85	14				6	46M4D7W--	-4.2	-80.9	-8.3	-85	14				7	1M02D7W--	-20.8	-80.9	-24.9	-85	14			
5	92M7D7W--	-1.2	-80.9	-5.3	-85	14																																	
6	46M4D7W--	-4.2	-80.9	-8.3	-85	14																																	
7	1M02D7W--	-20.8	-80.9	-24.9	-85	14																																	
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-E	T				1 TR 2 TK 3 TC	39	1.7	374	0.92																														
C10d5a Co-polar antenna pattern																																							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.																																
SE-E	AP8																																						
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review																																		
13C Remarks																																							
BR7a/BR7b Group id.		83	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4																																			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b																																			
BR62 Expiry date for bringing into use	27.06.2021		BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49																																			
BR14 Special Section	CR/D/2880			CR/C/3739																																			
C4a Class of station	EC	EK	ER	C3a Assigned freq. band 500000	B4b5 Peak of pfd																																		
C4b Nature of service	CR	OT	OT	C6a Polarization type M	C6b Polarization angle																																		
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000																																					
C11a1 Service area no.	C11a2 Service area XR2			C11a3 Service area diagram																																			
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4		C11b Affected region																																			
A5/A6 Coordinations/Agreements		9.12	Q	F G LIE																																			
9.7B			F																																				
C2a1 Assigned frequency																																							
11.95 GHz																																							
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.																												
API/A/9509		1 464MD7W--		5.8	-80.9	1.7		-85		18																													
		2 232MD7W--		2.8	-80.9	-1.4		-85		18																													
		3 185MD7W--		1.8	-80.9	-2.3		-85		18																													
		4 116MD7W--		-0.2	-80.9	-4.4		-85		18																													
		5 92M7D7W--		-1.2	-80.9	-5.3		-85		18																													
		6 46M4D7W--		-4.2	-80.9	-8.3		-85		18																													
		7 1M02D7W--		-20.8	-80.9	-24.9		-85		18																													
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter																														
SE-F	T				1 TR 2 TK 3 TC	41	1.4	196	1.15																														

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 84	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4					
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b				
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd					
C4a Class of station EC EK ER	C3a Assigned freq. band 500000						
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle					
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000						
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram					
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region					
A5/A6 Coordinations/Agreements 9.12	Q F	G LIE	9.7B				

C2a1 Assigned frequency										
11.95 GHz	A13 Ref. to Special Sections API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1 464MD7W--		5.8	-80.9	1.7	-85				20	
2 232MD7W--		2.8	-80.9	-1.4	-85				20	
3 185MD7W--		1.8	-80.9	-2.3	-85				20	
4 116MD7W--		-0.2	-80.9	-4.4	-85				20	
5 92M7D7W--		-1.2	-80.9	-5.3	-85				20	
6 46M4D7W--		-4.2	-80.9	-8.3	-85				20	
7 1M02D7W--		-20.8	-80.9	-24.9	-85				20	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-G	T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks							

<input type="checkbox"/> BR7a/BR7b Group id. 306	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
<input checked="" type="checkbox"/>	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E						
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880			CR/C/3739									
C4a Class of station EC EK ER			C3a Assigned freq. band 500000	B4b5 Peak of pfd								
C4b Nature of service CR OT OT			C6a Polarization type M	C6b Polarization angle								
C8d1 Max. tot. peak pwr. 8.8			C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.			C11a2 Service area XR2	C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4	C11b Affected region								
A5/A6 Coordinations/Agreements 9.12			Q F G J LIE									
C2a1 Assigned frequency												
12.45 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W--		5.8	-80.9	1.7		-85		2		
		2 232MD7W--		2.8	-80.9	-1.4		-85		2		
		3 185MD7W--		1.8	-80.9	-2.3		-85		2		
		4 116MD7W--		-0.2	-80.9	-4.4		-85		2		
		5 92M7D7W--		-1.2	-80.9	-5.3		-85		2		
		6 46M4D7W--		-4.2	-80.9	-8.3		-85		2		
		7 1M02D7W--		-20.8	-80.9	-24.9		-85		2		
C10b1 Assoc. earth station id. SE-A		C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter			
					1 TR 2 TK 3 TC	OT CR	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-A		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks												
<hr/>												
<input type="checkbox"/>	BR7a/BR7b Group id. 307	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739									
C4a Class of station EC EK ER			C3a Assigned freq. band 500000	B4b5 Peak of pfd								
C4b Nature of service CR OT OT			C6a Polarization type M	C6b Polarization angle								
C8d1 Max. tot. peak pwr. 8.8			C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.			C11a2 Service area XR2	C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4	C11b Affected region								
A5/A6 Coordinations/Agreements 9.12			Q F G J LIE									

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403	E

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		5 5 5 5 5 5 5		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	308	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pdf
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR2		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q F G J LIE		

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		7 7 7 7 7 7 7		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks	 				

BR7a/BR7b Group id.	309	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR2	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G J LIE	

C2a1 Assigned frequency											
12.45 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
API/A/9509		1 464MD7W--		5.8	-80.9	1.7		-85		10	
		2 232MD7W--		2.8	-80.9	-1.4		-85		10	
		3 185MD7W--		1.8	-80.9	-2.3		-85		10	
		4 116MD7W--		-0.2	-80.9	-4.4		-85		10	
		5 92M7D7W--		-1.2	-80.9	-5.3		-85		10	
		6 46M4D7W--		-4.2	-80.9	-8.3		-85		10	
		7 1M02D7W--		-20.8	-80.9	-24.9		-85		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB403 E

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 310	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR2	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G J LIE			

C2a1 Assigned frequency																			
12.45 GHz		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
A13 Ref. to Special Sections API/A/9509		1	464MD7W--		5.8		-80.9		1.7			-85				14			
		2	232MD7W--		2.8		-80.9		-1.4			-85				14			
		3	185MD7W--		1.8		-80.9		-2.3			-85				14			
		4	116MD7W--		-0.2		-80.9		-4.4			-85				14			
		5	92M7D7W--		-1.2		-80.9		-5.3			-85				14			
		6	46M4D7W--		-4.2		-80.9		-8.3			-85				14			
		7	1M02D7W--		-20.8		-80.9		-24.9			-85				14			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id. SE-E	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

<input type="checkbox"/> BR7a/BR7b Group id. 311	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.		DB403 E

C8d1 Max. tot. peak pwr. 8.8 C8d2 Contiguous bandwidth 1000000

C11a1 Service area no. C11a2 Service area XR2

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4

C11b Affected region

C11a3 Service area diagram

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

12.45 GHz																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1	464MD7W--		5.8		-80.9		1.7			-85				18			
		2	232MD7W--		2.8		-80.9		-1.4			-85				18			
		3	185MD7W--		1.8		-80.9		-2.3			-85				18			
		4	116MD7W--		-0.2		-80.9		-4.4			-85				18			
		5	92M7D7W--		-1.2		-80.9		-5.3			-85				18			
		6	46M4D7W--		-4.2		-80.9		-8.3			-85				18			
		7	1M02D7W--		-20.8		-80.9		-24.9			-85				18			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwrdth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings 2D Date of protection 27.12.2014 13A Conformity with RR A- -- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 312 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC EK ER

C3a Assigned freq. band 500000

B4b5 Peak of pfd

C4b Nature of service CR OT OT

C6a Polarization type M

C6b Polarization angle

C8d1 Max. tot. peak pwr. 8.8 C8d2 Contiguous bandwidth 1000000

C11a1 Service area no. C11a2 Service area XR2

C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4 C11b Affected region

A5/A6 Coordinations/Agreements 9.12 Q F G J LIE

C2a1 Assigned frequency

12.45 GHz																			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1	464MD7W--		5.8		-80.9		1.7			-85				20			

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E

2	232MD7W--	2.8	-80.9	-1.4	-85	20
3	185MD7W--	1.8	-80.9	-2.3	-85	20
4	116MD7W--	-0.2	-80.9	-4.4	-85	20
5	92M7D7W--	-1.2	-80.9	-5.3	-85	20
6	46M4D7W--	-4.2	-80.9	-8.3	-85	20
7	1M02D7W--	-20.8	-80.9	-24.9	-85	20

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR OT 2 TK OT 3 TC CR	44	1	196	1.63	

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id. 411	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements 9.12	Q F G LIE	

C2a1 Assigned frequency										
11.95	GHz	C7a Design. of emission			C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	
A13 Ref. to Special Sections API/A/9509			1	464MD7W--	5.8	-80.9	1.7	-85	2	
			2	232MD7W--	2.8	-80.9	-1.4	-85	2	
			3	185MD7W--	1.8	-80.9	-2.3	-85	2	
			4	116MD7W--	-0.2	-80.9	-4.4	-85	2	
			5	92M7D7W--	-1.2	-80.9	-5.3	-85	2	
			6	46M4D7W--	-4.2	-80.9	-8.3	-85	2	
			7	1M02D7W--	-20.8	-80.9	-24.9	-85	2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR OT 2 TK OT	27	6.9	439	0.23	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no. DB403 E						
3 TC CR											
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-A		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings 13C Remarks		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
BR7a/BR7b Group id. 412		BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid. 50		A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880		CR/C/3739									
C4a Class of station EC EK ER		C3a Assigned freq. band 500000		B4b5 Peak of pfd							
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle							
C8d1 Max. tot. peak pwr. 8.8		C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram							
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region							
A5/A6 Coordinations/Agreements 9.12		O	F G LIE								
C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attach.	C8c3 Min. pwr dens.	C8c4 Attach.	C8e1 C/N ratio	C8e2 Attach.
		1 464MD7W--		5.8	-80.9	1.7		-85		5	
		2 232MD7W--		2.8	-80.9	-1.4		-85		5	
		3 185MD7W--		1.8	-80.9	-2.3		-85		5	
		4 116MD7W--		-0.2	-80.9	-4.4		-85		5	
		5 92M7D7W--		-1.2	-80.9	-5.3		-85		5	
		6 46M4D7W--		-4.2	-80.9	-8.3		-85		5	
		7 1M02D7W--		-20.8	-80.9	-24.9		-85		5	
C10b1 Assoc. earth station id. SE-B		C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
					1 TR 2 TK 3 TC	OT OT CR	31	4.4	439	0.36	
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-B		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
Findings 13C Remarks		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
BR7a/BR7b Group id. 413		BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid. 50		A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
<input checked="" type="checkbox"/>	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E								
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49										
BR14 Special Section CR/D/2880			CR/C/3739											
C4a Class of station EC EK ER	C3a Assigned freq. band 500000			B4b5 Peak of pfd										
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle										
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000													
C11a1 Service area no.	C11a2 Service area XR1 XR3				C11a3 Service area diagram									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region												
A5/A6 Coordinations/Agreements 9.12 Q F G LIE														
C2a1 Assigned frequency														
11.95 GHz														
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.			
		1 464MD7W--		5.8	-80.9	1.7		-85		7				
		2 232MD7W--		2.8	-80.9	-1.4		-85		7				
		3 185MD7W--		1.8	-80.9	-2.3		-85		7				
		4 116MD7W--		-0.2	-80.9	-4.4		-85		7				
		5 92M7D7W--		-1.2	-80.9	-5.3		-85		7				
		6 46M4D7W--		-4.2	-80.9	-8.3		-85		7				
		7 1M02D7W--		-20.8	-80.9	-24.9		-85		7				
C10b1 Assoc. earth station id. SE-C		C10b2 Type T	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter					
					1 TR 2 TK 3 TC	OT CR	33	3.5	439	0.46				
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id. SE-C		Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.						
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review								
13C Remarks														
<hr/>														
<input type="checkbox"/>	BR7a/BR7b Group id. 414	BR1 Date of receipt 27.12.2014			C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b											
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49					
BR14 Special Section CR/D/2880			CR/C/3739							B4b5 Peak of pfd				
C4a Class of station EC EK ER	C3a Assigned freq. band 500000													
C4b Nature of service CR OT OT	C6a Polarization type M			C6b Polarization angle										
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000													
C11a1 Service area no.	C11a2 Service area XR1 XR3										C11a3 Service area diagram			
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region												
A5/A6 Coordinations/Agreements 9.12 Q F G LIE														

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403	E

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		10 10 10 10 10 10 10		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	415	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739		
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000		B4b5 Peak of pdf
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements	9.12	Q F G LIE		

C2a1 Assigned frequency										
11.95	GHz									
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		14 14 14 14 14 14 14		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	416	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12	Q F G LIE	

C2a1 Assigned frequency

11.95 GHz											
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
1	464MD7W--	5.8	-80.9	1.7		-85			18		
2	232MD7W--	2.8	-80.9	-1.4		-85			18		
3	185MD7W--	1.8	-80.9	-2.3		-85			18		
4	116MD7W--	-0.2	-80.9	-4.4		-85			18		
5	92M7D7W--	-1.2	-80.9	-5.3		-85			18		
6	46M4D7W--	-4.2	-80.9	-8.3		-85			18		
7	1M02D7W--	-20.8	-80.9	-24.9		-85			18		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-F	T			1 TR 2 TK 3 TC	OT OT CR	41	1.4	196	1.15

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-F	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
----------	----------------------------------	---------------------------------	----------------	--------------	---------------------

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E

13C Remarks

<input type="checkbox"/> BR7a/BR7b Group id. 417	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 8.8	C8d2 Contiguous bandwidth 1000000		
C11a1 Service area no.	C11a2 Service area XR1 XR3	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12 Q F G LIE			

C2a1 Assigned frequency											
11.95 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	
API/A/9509	1	464MD7W--		5.8	-80.9	1.7		-85		20	
	2	232MD7W--		2.8	-80.9	-1.4		-85		20	
	3	185MD7W--		1.8	-80.9	-2.3		-85		20	
	4	116MD7W--		-0.2	-80.9	-4.4		-85		20	
	5	92M7D7W--		-1.2	-80.9	-5.3		-85		20	
	6	46M4D7W--		-4.2	-80.9	-8.3		-85		20	
	7	1M02D7W--		-20.8	-80.9	-24.9		-85		20	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks				

<input type="checkbox"/> BR7a/BR7b Group id. 418	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 500000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO								
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E								
C8d1 Max. tot. peak pwr. 8.8		C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no.		C11a2 Service area XR1 XR3		C11a3 Service area diagram										
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region										
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	F G J LIE AUS G											
C2a1 Assigned frequency														
12.45 GHz														
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8		-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9		1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		2 2 2 2 2 2 2		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter				
SE-A	T				1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23				
C10d5a Co-polar antenna pattern														
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.			
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review						
13C Remarks														
BR7a/BR7b Group id. 419		BR1 Date of receipt 27.12.2014		C2c RR No. 4.4										
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use								BR64 Date of receipt of 1st Res49				
BR14 Special Section CR/D/2880		CR/C/3739												
C4a Class of station EC EK ER		C3a Assigned freq. band 500000								B4b5 Peak of pfd				
C4b Nature of service CR OT OT		C6a Polarization type M				C6b Polarization angle								
C8d1 Max. tot. peak pwr. 8.8		C8d2 Contiguous bandwidth 1000000												
C11a1 Service area no.		C11a2 Service area XR1 XR3								C11a3 Service area diagram				
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region										
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	F G J LIE AUS G											
C2a1 Assigned frequency														
12.45 GHz														

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9	-85 -85 -85 -85 -85 -85 -85			5 5 5 5 5 5 5	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-B	T			1 TR 2 TK 3 TC	OT CR	31	4.4	439	0.36

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-B	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	420	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F F AUS G	F G J LIE

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509	1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--	5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9	-85 -85 -85 -85 -85 -85 -85			7 7 7 7 7 7 7	

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014 BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DB403 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-C	T			1 TR 2 TK 3 TC	OT OT CR	33	3.5	439	0.46

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-C	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

BR7a/BR7b Group id.	421	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49
BR14 Special Section	CR/D/2880	CR/C/3739	B4b5 Peak of pfd
C4a Class of station	EC EK ER	C3a Assigned freq. band 500000	
C4b Nature of service	CR OT OT	C6a Polarization type M	C6b Polarization angle
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth 1000000	
C11a1 Service area no.		C11a2 Service area XR1 XR3	C11a3 Service area diagram
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4	C11b Affected region
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F F G AUS G	LIE

C2a1 Assigned frequency										
12.45	GHz									
A13 Ref. to Special Sections	API/A/9509	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	464MD7W--		5.8	-80.9	1.7		-85		10	
2	232MD7W--		2.8	-80.9	-1.4		-85		10	
3	185MD7W--		1.8	-80.9	-2.3		-85		10	
4	116MD7W--		-0.2	-80.9	-4.4		-85		10	
5	92M7D7W--		-1.2	-80.9	-5.3		-85		10	
6	46M4D7W--		-4.2	-80.9	-8.3		-85		10	
7	1M02D7W--		-20.8	-80.9	-24.9		-85		10	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-D	T			1 TR 2 TK 3 TC	OT OT CR	35	2.8	374	0.58

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-D	AP8						

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.
					DB403 E

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id.	422	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4				
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b			
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49				
BR14 Special Section	CR/D/2880	CR/C/3739					
C4a Class of station	EC EK ER	C3a Assigned freq. band	500000	B4b5 Peak of pfd			
C4b Nature of service	CR OT OT	C6a Polarization type	M	C6b Polarization angle			
C8d1 Max. tot. peak pwr.	8.8	C8d2 Contiguous bandwidth	1000000				
C11a1 Service area no.	C11a2 Service area XR1 XR3		C11a3 Service area diagram				
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region			
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	F G J LIE AUS G				

C2a1 Assigned frequency																			
12.45	GHz																		
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attch.		C8c3 Min. pwr dens.		C8c4 Attch.		C8e1 C/N ratio		C8e2 Attch.	
API/A/9509		1	464MD7W--		5.8		-80.9		1.7		-85				14				
		2	232MD7W--		2.8		-80.9		-1.4		-85				14				
		3	185MD7W--		1.8		-80.9		-2.3		-85				14				
		4	116MD7W--		-0.2		-80.9		-4.4		-85				14				
		5	92M7D7W--		-1.2		-80.9		-5.3		-85				14				
		6	46M4D7W--		-4.2		-80.9		-8.3		-85				14				
		7	1M02D7W--		-20.8		-80.9		-24.9		-85				14				

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-E	T			1 TR 2 TK 3 TC	OT CR	39	1.7	374	0.92

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-E	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

<input type="checkbox"/> BR7a/BR7b Group id.	423	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4			
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b		
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49			
BR14 Special Section	CR/D/2880	CR/C/3739				

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO						
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DB403 E						
C4a Class of station EC EK ER			C3a Assigned freq. band 500000		B4b5 Peak of pfd							
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle							
C8d1 Max. tot. peak pwr. 8.8			C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.			C11a2 Service area XR1 XR3	C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4	C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F	F G J LIE AUS G								
C2a1 Assigned frequency												
12.45 GHz												
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
		1 464MD7W-- 2 232MD7W-- 3 185MD7W-- 4 116MD7W-- 5 92M7D7W-- 6 46M4D7W-- 7 1M02D7W--		5.8 2.8 1.8 -0.2 -1.2 -4.2 -20.8	-80.9 -80.9 -80.9 -80.9 -80.9 -80.9 -80.9	1.7 -1.4 -2.3 -4.4 -5.3 -8.3 -24.9		-85 -85 -85 -85 -85 -85 -85		18 18 18 18 18 18 18		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-F	T				1 TR 2 TK 3 TC	41	1.4	196	1.15			
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id. SE-F	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
Findings 2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks		13B3 Date of Review							
13C Remarks												
BR7a/BR7b Group id. 424			BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid. 50			A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021			BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49						
BR14 Special Section CR/D/2880			CR/C/3739									
C4a Class of station EC EK ER			C3a Assigned freq. band 500000		B4b5 Peak of pfd							
C4b Nature of service CR OT OT			C6a Polarization type M		C6b Polarization angle							
C8d1 Max. tot. peak pwr. 8.8			C8d2 Contiguous bandwidth 1000000									
C11a1 Service area no.			C11a2 Service area XR1 XR3	C11a3 Service area diagram								
C9c1 Type of multiple access 3			C9c2 Spectrum mask diagram 4	C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 9.7B			Q F	F G J LIE AUS G								

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/	
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.	DB403 E

C2a1 Assigned frequency									
12.45	GHz								
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	
API/A/9509		1	464MD7W--	5.8	-80.9	1.7	-85	20	
		2	232MD7W--	2.8	-80.9	-1.4	-85	20	
		3	185MD7W--	1.8	-80.9	-2.3	-85	20	
		4	116MD7W--	-0.2	-80.9	-4.4	-85	20	
		5	92M7D7W--	-1.2	-80.9	-5.3	-85	20	
		6	46M4D7W--	-4.2	-80.9	-8.3	-85	20	
		7	1M02D7W--	-20.8	-80.9	-24.9	-85	20	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-G	T			1 TR 2 TK 3 TC	OT CR	44	1	196	1.63

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-G	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

B1a/BR17 Beam designation DC263	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 26.3
---------------------------------	-----------------	--------------	------------------------------

B2bis.a Transmit only when visible from notified service area Y B2bis.b Min. Elev. Angle 2

Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Co-polar rad. diag.
REC-1528					

B4a3a1 Angle alpha B4a3a2 Angle beta B4b2 Gain vs elev. ang. diag. 1 B4b3 Spreading loss data 2

BR92 Attach. for missing angle alpha/beta 5

B4b4a Max. E.I.R.P. at 4kHz -8.5 B4b4b Average E.I.R.P. at 4kHz -8.5 B4b4c Max. E.I.R.P. at 1MHz 15.5 B4b4d Average E.I.R.P. at 1MHz 15.5

BR7a/BR7b Group id. 85 BR1 Date of receipt 27.12.2014 C2c RR No. 4.4

A2b Period of valid. 50 A3a Op. agency 084 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 27.06.2021 BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section CR/D/2880 CR/C/3739

C4a Class of station EC EK ER

C3a Assigned freq. band 50000

C4b Nature of service CR OT OT

C6a Polarization type M

C6b Polarization angle

C8d1 Max. tot. peak pwr. 7 C8d2 Contiguous bandwidth

B4b5 Peak of pfd

C11a1 Service area no. C11a2 Service area XR1

C11a3 Service area diagram

C9c1 Type of multiple access 3 C9c2 Spectrum mask diagram 4 C11b Affected region

E_TSUM Requested by: ROGER LE			Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO					
A	A1a Sat. Network STEAM-1		A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/					
BR6a/BR6b Id. no. 114520273			BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DC263 E					
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	F G LIE AUS G							
C2a1 Assigned frequency											
12.725 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 46M4D7W-- 2 1M02D7W--		7 -9.5	-69.6 -69.6	5.7 -10.9	-71 -71		2 2		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-A	T				1 TR 2 TK 3 TC	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-A	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
B1a/BR17 Beam designation DC279	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 27.9								
B2bis.a Transmit only when visible from notified service area Y		B2bis.b Min. Elev. Angle 2									
B3c1 Co-polar antenna pattern											
Co-polar ref. pattern REC-1528	Coef. A	Coef. B					Co-polar rad. diag.				
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2								
BR92 Attach. for missing angle alpha/beta 5											
B4b4a Max. E.I.R.P. at 4kHz -8.2	B4b4b Average E.I.R.P. at 4kHz -8.2	B4b4c Max. E.I.R.P. at 1MHz 15.8	B4b4d Average E.I.R.P. at 1MHz 15.8								
BR7a/BR7b Group id. 86	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use			BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880	CR/C/3739										
C4a Class of station EC	EK	ER	C3a Assigned freq. band 50000								
C4b Nature of service CR	OT	OT	C6a Polarization type M	C6b Polarization angle							
C8d1 Max. tot. peak pwr. 5.8	C8d2 Contiguous bandwidth										
C11a1 Service area no.	C11a2 Service area XR1		C11a3 Service area diagram								
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4		C11b Affected region								
A5/A6 Coordinations/Agreements		9.12 9.7B	Q F	F G LIE AUS G							

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DC279 E

C2a1 Assigned frequency											
12.725	GHz										
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
1	46M4D7W--	5.8	-70.9	4.1	-72.6	2	2				
2	1M02D7W--	-10.8	-70.9	-12.5	-72.6	2	2				
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id. SE-A	Co-polar ref. pattern AP8	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											

B1a/BR17 Beam designation DC299	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 29.9
B2bis.a Transmit only when visible from notified service area Y		B2bis.b Min. Elev. Angle 2	
B3c1 Co-polar antenna pattern			
Co-polar ref. pattern REC-1528	Coef. A	Coef. B	Co-polar rad. diag.
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2
BR92 Attach. for missing angle alpha/beta 5	B4b4b Average E.I.R.P. at 4kHz -7.9	B4b4c Max. E.I.R.P. at 1MHz 16.1	B4b4d Average E.I.R.P. at 1MHz 16.1
BR7a/BR7b Group id. 87	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4	
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49	
BR14 Special Section CR/D/2880	CR/C/3739	B4b5 Peak of pfd	
C4a Class of station EC EK ER	C3a Assigned freq. band 50000		
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle	
C8d1 Max. tot. peak pwr. 4	C8d2 Contiguous bandwidth		
C11a1 Service area no.	C11a2 Service area XR1	C11a3 Service area diagram	
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region	
A5/A6 Coordinations/Agreements 9.12	Q	F G LIE	
9.7B	F	AUS G	
C2a1 Assigned frequency			
12.725	GHz		

E_TSUM Requested by: ROGER LE		Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO							
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		BR2 Adm. serial no.	DC299 E							
A13 Ref. to Special Sections		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509		1 46M4D7W-- 2 1M02D7W--	4 -12.6	-72.6 -72.6	2.1 -14.5	-74.6 -74.6		2 2				
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter				
SE-A	T			1 TR 2 TK 3 TC	27	6.9	439	0.23				
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
SE-A	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												
B1a/BR17 Beam designation DC324	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 32.4									
B2bis.a Transmit only when visible from notified service area Y		B2bis.b Min. Elev. Angle 2										
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern	Coef. A	Coef. B						Co-polar rad. diag.				
REC-1528												
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2									
BR92 Attach. for missing angle alpha/beta 5												
B4b4a Max. E.I.R.P. at 4kHz -8.4	B4b4b Average E.I.R.P. at 4kHz -8.4	B4b4c Max. E.I.R.P. at 1MHz 15.6	B4b4d Average E.I.R.P. at 1MHz 15.6									
BR7a/BR7b Group id. 88	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4										
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49										
BR14 Special Section CR/D/2880	CR/C/3739											
C4a Class of station EC EK ER	C3a Assigned freq. band 50000											
C4b Nature of service CR OT OT	C6a Polarization type M											
C8d1 Max. tot. peak pwr. 1	C8d2 Contiguous bandwidth	C6b Polarization angle										
C11a1 Service area no.	C11a2 Service area XR1											
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region										
C11a3 Service area diagram												
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	F G LIE AUS G									
C2a1 Assigned frequency												
12.725 GHz												
A13 Ref. to Special Sections		C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.		
API/A/9509		1 46M4D7W--	1	-75.7	-0.4	-77.1		2				

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO											
A	A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/										
BR6a/BR6b Id. no. 114520273		BR3a/BR3b Provision reference 9.6		C	BR2 Adm. serial no.										
					DC324 E										
2 1M02D7W--		-15.6 -75.7		-17	-77.1	2									
C10b1 Assoc. earth station id.		C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d6 Noise temp.	C10d7 Ant. diameter					
SE-A		T				1 TR 2 TK 3 TC	OT	27	6.9	439	0.23				
C10d5a Co-polar antenna pattern															
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A	Coef. B		Coef. C		Coef. D	Phi1	Co-polar rad. diag.				
SE-A		AP8													
Findings		2D Date of protection 27.12.2014	13A Conformity with RR A- -- --		13B1 Provision		13B2 Remarks		13B3 Date of Review						
13C Remarks															
<input type="checkbox"/> B1a/BR17 Beam designation DC359		<input type="checkbox"/> B1b Steerable Y		<input type="checkbox"/> B2 Emi-Rcp E		<input type="checkbox"/> B3a1 Max. co-polar gain 35.9									
B2bis.a Transmit only when visible from notified service area Y		B2bis.b Min. Elev. Angle 2													
B3c1 Co-polar antenna pattern															
Co-polar ref. pattern		Coef. A	Coef. B							Co-polar rad. diag.					
REC-1528															
B4a3a1 Angle alpha		B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1		B4b3 Spreading loss data 2										
BR92 Attach. for missing angle alpha/beta 5															
B4b4a Max. E.I.R.P. at 4kHz -6.2		B4b4b Average E.I.R.P. at 4kHz -6.2		B4b4c Max. E.I.R.P. at 1MHz 17.8		B4b4d Average E.I.R.P. at 1MHz 17.8									
<input type="checkbox"/> BR7a/BR7b Group id. 89		BR1 Date of receipt 27.12.2014		C2c RR No. 4.4											
A2b Period of valid. 50		A3a Op. agency 084		A3b Adm. resp. A		BR16 Value of type C8b									
BR62 Expiry date for bringing into use 27.06.2021		BR63 Confirmed date of bringing into use						BR64 Date of receipt of 1st Res49							
BR14 Special Section CR/D/2880		CR/C/3739													
C4a Class of station EC EK ER		C3a Assigned freq. band 50000						B4b5 Peak of pfd							
C4b Nature of service CR OT OT		C6a Polarization type M		C6b Polarization angle											
C8d1 Max. tot. peak pwr. -0.2		C8d2 Contiguous bandwidth													
C11a1 Service area no.		C11a2 Service area XR1						C11a3 Service area diagram							
C9c1 Type of multiple access 3		C9c2 Spectrum mask diagram 4		C11b Affected region											
A5/A6 Coordinations/Agreements 9.12 9.7B		Q F	F G LIE AUS G												
C2a1 Assigned frequency															
12.725 GHz															
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission 46M4D7W-- 1M02D7W--		C8a1/C8b1 Max. peak pwr -0.2 -16.8		C8a2/C8b2 Max. pwr dens. -76.9 -76.9		C8c1 Min. peak pwr -3.9 -20.5		C8c2 Attch.		C8c3 Min. pwr dens. -80.6 -80.6	C8c4 Attch. 2 2	C8e1 C/N ratio 2 2	C8e2 Attch.

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO							
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DC359 E							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-A	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
<input type="checkbox"/> B1a/BR17 Beam designation DC403	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 40.3								
B2bis.a Transmit only when visible from notified service area Y B2bis.b Min. Elev. Angle 2											
B3c1 Co-polar antenna pattern											
Co-polar ref. pattern	Coef. A	Coef. B					Co-polar rad. diag.				
REC-1528											
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag.	1	B4b3 Spreading loss data	2						
BR92 Attach. for missing angle alpha/beta	5										
B4b4a Max. E.I.R.P. at 4kHz	-5.8	B4b4b Average E.I.R.P. at 4kHz	-5.8	B4b4c Max. E.I.R.P. at 1MHz	18.2	B4b4d Average E.I.R.P. at 1MHz	18.2				
<input type="checkbox"/> BR7a/BR7b Group id.	90	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	50000	B4b5 Peak of pfd					
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle					
C8d1 Max. tot. peak pwr.	-4.2	C8d2 Contiguous bandwidth									
C11a1 Service area no.		C11a2 Service area XR1	C11a3 Service area diagram								
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE								
9.7B	F	AUS G									
C2a1 Assigned frequency											
12.725 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 46M4D7W--	2 1M02D7W--	-4.2	-80.9	-8.3		-85	2		
				-20.8	-80.9	-24.9		-85	2		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO								
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DC403 E								
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter				
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23			
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
SE-A	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												
<input type="checkbox"/> B1a/BR17 Beam designation DD263	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 26.3									
B2bis.a Transmit only when visible from notified service area Y B2bis.b Min. Elev. Angle 2												
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern	Coef. A	Coef. B					Co-polar rad. diag.					
REC-1528												
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag.	1	B4b3 Spreading loss data	2							
BR92 Attach. for missing angle alpha/beta	5											
B4b4a Max. E.I.R.P. at 4kHz	-8.5	B4b4b Average E.I.R.P. at 4kHz	-8.5	B4b4c Max. E.I.R.P. at 1MHz	15.5	B4b4d Average E.I.R.P. at 1MHz	15.5					
<input type="checkbox"/> BR7a/BR7b Group id.	91	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49									
BR14 Special Section	CR/D/2880	CR/C/3739										
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	50000	B4b5 Peak of pfd						
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.	7	C8d2 Contiguous bandwidth										
C11a1 Service area no.	C11a2 Service area XR3			C11a3 Service area diagram								
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram 4			C11b Affected region							
A5/A6 Coordinations/Agreements	9.12	Q	F	F G LIE	AUS G							
C2a1 Assigned frequency												
12.725 GHz												
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1 46M4D7W-- 2 1M02D7W--		7 -9.5	-69.6 -69.6	5.7 -10.9		-71 -71		2 2		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO							
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD263 E							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-A	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
<input type="checkbox"/> B1a/BR17 Beam designation DD279	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 27.9								
B2bis.a Transmit only when visible from notified service area Y B2bis.b Min. Elev. Angle 2											
B3c1 Co-polar antenna pattern											
Co-polar ref. pattern	Coef. A	Coef. B					Co-polar rad. diag.				
REC-1528											
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag.	1	B4b3 Spreading loss data	2						
BR92 Attach. for missing angle alpha/beta	5										
B4b4a Max. E.I.R.P. at 4kHz	-8.2	B4b4b Average E.I.R.P. at 4kHz	-8.2	B4b4c Max. E.I.R.P. at 1MHz	15.8	B4b4d Average E.I.R.P. at 1MHz	15.8				
<input type="checkbox"/> BR7a/BR7b Group id.	92	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	50000	B4b5 Peak of pfd					
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle					
C8d1 Max. tot. peak pwr.	5.8	C8d2 Contiguous bandwidth									
C11a1 Service area no.		C11a2 Service area XR3	C11a3 Service area diagram								
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements	9.12	Q	F G LIE								
9.7B	F	AUS G									
C2a1 Assigned frequency											
12.725 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 46M4D7W--	2 1M02D7W--	5.8	-70.9	4.1		-72.6	2		
				-10.8	-70.9	-12.5		-72.6	2		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO								
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/								
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD279 E								
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter				
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23			
C10d5a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.					
SE-A	AP8											
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review							
13C Remarks												
<input type="checkbox"/> B1a/BR17 Beam designation DD299	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 29.9									
B2bis.a Transmit only when visible from notified service area Y B2bis.b Min. Elev. Angle 2												
B3c1 Co-polar antenna pattern												
Co-polar ref. pattern	Coef. A	Coef. B					Co-polar rad. diag.					
REC-1528												
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag.	1	B4b3 Spreading loss data	2							
BR92 Attach. for missing angle alpha/beta	5											
B4b4a Max. E.I.R.P. at 4kHz	-7.9	B4b4b Average E.I.R.P. at 4kHz	-7.9	B4b4c Max. E.I.R.P. at 1MHz	16.1	B4b4d Average E.I.R.P. at 1MHz	16.1					
<input type="checkbox"/> BR7a/BR7b Group id.	93	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49									
BR14 Special Section	CR/D/2880	CR/C/3739										
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	50000	B4b5 Peak of pfd						
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle						
C8d1 Max. tot. peak pwr.	4	C8d2 Contiguous bandwidth										
C11a1 Service area no.	C11a2 Service area XR3			C11a3 Service area diagram								
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram		4	C11b Affected region							
A5/A6 Coordinations/Agreements	9.12	Q	F	F G LIE	AUS G							
C2a1 Assigned frequency												
12.725 GHz												
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	
API/A/9509		1 46M4D7W--	2 1M02D7W--	4	-72.6	2.1		-74.6	2			
				-12.6	-72.6	-14.5		-74.6		2		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO						
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/						
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD299 E						
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter		
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23	
C10d5a Co-polar antenna pattern										
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.			
SE-A	AP8									
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review					
13C Remarks										
<input type="checkbox"/> B1a/BR17 Beam designation DD324	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 32.4							
B2bis.a Transmit only when visible from notified service area Y	B2bis.b Min. Elev. Angle 2									
B3c1 Co-polar antenna pattern										
Co-polar ref. pattern	Coef. A	Coef. B					Co-polar rad. diag.			
REC-1528										
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2							
BR92 Attach. for missing angle alpha/beta 5										
B4b4a Max. E.I.R.P. at 4kHz -8.4	B4b4b Average E.I.R.P. at 4kHz -8.4	B4b4c Max. E.I.R.P. at 1MHz 15.6	B4b4d Average E.I.R.P. at 1MHz 15.6							
<input type="checkbox"/> BR7a/BR7b Group id. 94	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section CR/D/2880	CR/C/3739									
C4a Class of station EC EK ER	C3a Assigned freq. band 50000									
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle								
C8d1 Max. tot. peak pwr. 1	C8d2 Contiguous bandwidth									
C11a1 Service area no.	C11a2 Service area XR3									
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region								
A5/A6 Coordinations/Agreements 9.12 Q F G LIE 9.7B F AUS G										
C2a1 Assigned frequency 12.725 GHz										
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission 1 46M4D7W-- 2 1M02D7W--		C8a1/C8b1 Max. peak pwr 1 C8a2/C8b2 Max. pwr dens. -75.7 C8c1 Min. peak pwr -0.4 C8c2 Attch. -17 C8c3 Min. pwr dens. -77.1 C8c4 Attch. 2 C8e1 C/N ratio 2 C8e2 Attch. 2						

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO							
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD324 E							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-A	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
<input type="checkbox"/> B1a/BR17 Beam designation DD359	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 35.9								
B2bis.a Transmit only when visible from notified service area Y B2bis.b Min. Elev. Angle 2											
B3c1 Co-polar antenna pattern											
Co-polar ref. pattern	Coef. A	Coef. B					Co-polar rad. diag.				
REC-1528											
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag.	1	B4b3 Spreading loss data	2						
BR92 Attach. for missing angle alpha/beta	5										
B4b4a Max. E.I.R.P. at 4kHz	-6.2	B4b4b Average E.I.R.P. at 4kHz	-6.2	B4b4c Max. E.I.R.P. at 1MHz	17.8	B4b4d Average E.I.R.P. at 1MHz	17.8				
<input type="checkbox"/> BR7a/BR7b Group id.	95	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4								
A2b Period of valid.	50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b							
BR62 Expiry date for bringing into use	27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49								
BR14 Special Section	CR/D/2880	CR/C/3739									
C4a Class of station	EC	EK	ER	C3a Assigned freq. band	50000	B4b5 Peak of pfd					
C4b Nature of service	CR	OT	OT	C6a Polarization type	M	C6b Polarization angle					
C8d1 Max. tot. peak pwr.	-0.2	C8d2 Contiguous bandwidth									
C11a1 Service area no.		C11a2 Service area XR3	C11a3 Service area diagram								
C9c1 Type of multiple access	3	C9c2 Spectrum mask diagram	4	C11b Affected region							
A5/A6 Coordinations/Agreements	9.12 9.7B	Q F	F G LIE AUS G								
C2a1 Assigned frequency											
12.725 GHz											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/9509		1 46M4D7W-- 2 1M02D7W--		-0.2 -16.8	-76.9 -76.9	-3.9 -20.5		-80.6 -80.6	2 2		

E_TSUM Requested by: ROGER LE Date: 13.06.2016 8:25:35 AM DB: STEAM-1.MDB			Plan Id.:	Notice type: NONGEO							
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/							
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD359 E							
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter			
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23		
C10d5a Co-polar antenna pattern											
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
SE-A	AP8										
Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review						
13C Remarks											
<input type="checkbox"/> B1a/BR17 Beam designation DD403	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 40.3								
B2bis.a Transmit only when visible from notified service area Y	B2bis.b Min. Elev. Angle 2										
B3c1 Co-polar antenna pattern											
Co-polar ref. pattern	Coef. A	Coef. B					Co-polar rad. diag.				
REC-1528											
B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag. 1	B4b3 Spreading loss data 2								
BR92 Attach. for missing angle alpha/beta 5											
B4b4a Max. E.I.R.P. at 4kHz -5.8	B4b4b Average E.I.R.P. at 4kHz -5.8	B4b4c Max. E.I.R.P. at 1MHz 18.2	B4b4d Average E.I.R.P. at 1MHz 18.2								
<input type="checkbox"/> BR7a/BR7b Group id. 96	BR1 Date of receipt 27.12.2014	C2c RR No. 4.4									
A2b Period of valid. 50	A3a Op. agency 084	A3b Adm. resp. A	BR16 Value of type C8b								
BR62 Expiry date for bringing into use 27.06.2021	BR63 Confirmed date of bringing into use	BR64 Date of receipt of 1st Res49									
BR14 Special Section CR/D/2880	CR/C/3739										
C4a Class of station EC EK ER	C3a Assigned freq. band 50000										
C4b Nature of service CR OT OT	C6a Polarization type M	C6b Polarization angle									
C8d1 Max. tot. peak pwr. -4.2	C8d2 Contiguous bandwidth										
C11a1 Service area no.	C11a2 Service area XR3										
C9c1 Type of multiple access 3	C9c2 Spectrum mask diagram 4	C11b Affected region									
A5/A6 Coordinations/Agreements 9.12 Q F G LIE 9.7B F AUS G											
C2a1 Assigned frequency 12.725 GHz											
A13 Ref. to Special Sections API/A/9509		C7a Design. of emission 1 46M4D7W-- 2 1M02D7W--		C8a1/C8b1 Max. peak pwr -4.2	C8a2/C8b2 Max. pwr dens. -80.9	C8c1 Min. peak pwr -8.3	C8c2 Attch. -24.9	C8c3 Min. pwr dens. -85	C8c4 Attch. 2	C8e1 C/N ratio 2	C8e2 Attch.
				-20.8	-80.9			-85			

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD403 E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwldth	C10d6 Noise temp.	C10d7 Ant. diameter	
SE-A	T			1 TR 2 TK 3 TC	OT OT CR	27	6.9	439	0.23

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SE-A	AP8						

Findings	2D Date of protection 27.12.2014	13A Conformity with RR A- -- --	13B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks					

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD403 E

C9 Modulation characteristics	C7a Designation of emission 116MD7W--
C9a1 Type of modulation	PSK
C9a2a Lowest frequency	
C9a2b Highest frequency	
C9a2c Frequency deviation	
C9a3a Freq. deviation of the pre-emphasized signal	
C9a3b Pre-emphasis characteristics	
C9a3c Type of multiplexing	
C9a4a Bit rate	
C9a4b Number of phases	
C9a5a Modulating signal attached (see attch. no.)	
C9a5b Amplitude modulation	
C9a6a Peak-to-peak freq. dev.	
C9a6b Sweep frequency	
C9a6c Energy dispersal waveform	
C9a7 Type of energy dispersal	
C9a8 Other types of modulation (see attch. no.)	
C9a9 TV standard	
BR7a Group id.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD403 E

C9 Modulation characteristics	C7a Designation of emission 185MD7W--
C9a1 Type of modulation	PSK
C9a2a Lowest frequency	
C9a2b Highest frequency	
C9a2c Frequency deviation	
C9a3a Freq. deviation of the pre-emphasized signal	
C9a3b Pre-emphasis characteristics	
C9a3c Type of multiplexing	
C9a4a Bit rate	
C9a4b Number of phases	
C9a5a Modulating signal attached (see attch. no.)	
C9a5b Amplitude modulation	
C9a6a Peak-to-peak freq. dev.	
C9a6b Sweep frequency	
C9a6c Energy dispersal waveform	
C9a7 Type of energy dispersal	
C9a8 Other types of modulation (see attch. no.)	
C9a9 TV standard	
BR7a Group id.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD403 E

C9 Modulation characteristics	C7a Designation of emission 1M02D7W--
C9a1 Type of modulation	PSK
C9a2a Lowest frequency	
C9a2b Highest frequency	
C9a2c Frequency deviation	
C9a3a Freq. deviation of the pre-emphasized signal	
C9a3b Pre-emphasis characteristics	
C9a3c Type of multiplexing	
C9a4a Bit rate	
C9a4b Number of phases	
C9a5a Modulating signal attached (see attch. no.)	
C9a5b Amplitude modulation	
C9a6a Peak-to-peak freq. dev.	
C9a6b Sweep frequency	
C9a6c Energy dispersal waveform	
C9a7 Type of energy dispersal	
C9a8 Other types of modulation (see attch. no.)	
C9a9 TV standard	
BR7a Group id.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD403 E

C9 Modulation characteristics	C7a Designation of emission 232MD7W--
C9a1 Type of modulation	PSK
C9a2a Lowest frequency	
C9a2b Highest frequency	
C9a2c Frequency deviation	
C9a3a Freq. deviation of the pre-emphasized signal	
C9a3b Pre-emphasis characteristics	
C9a3c Type of multiplexing	
C9a4a Bit rate	
C9a4b Number of phases	
C9a5a Modulating signal attached (see attch. no.)	
C9a5b Amplitude modulation	
C9a6a Peak-to-peak freq. dev.	
C9a6b Sweep frequency	
C9a6c Energy dispersal waveform	
C9a7 Type of energy dispersal	
C9a8 Other types of modulation (see attch. no.)	
C9a9 TV standard	
BR7a Group id.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD403 E

C9 Modulation characteristics		C7a Designation of emission 23M2D7W--
C9a1 Type of modulation	PSK	
C9a2a Lowest frequency		
C9a2b Highest frequency		
C9a2c Frequency deviation		
C9a3a Freq. deviation of the pre-emphasized signal		
C9a3b Pre-emphasis characteristics		
C9a3c Type of multiplexing		
C9a4a Bit rate		
C9a4b Number of phases		
C9a5a Modulating signal attached (see attch. no.)		
C9a5b Amplitude modulation		
C9a6a Peak-to-peak freq. dev.		
C9a6b Sweep frequency		
C9a6c Energy dispersal waveform		
C9a7 Type of energy dispersal		
C9a8 Other types of modulation (see attch. no.)		
C9a9 TV standard		
BR7a Group id.	97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186	

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD403 E

C9 Modulation characteristics	C7a Designation of emission 464MD7W--
C9a1 Type of modulation	PSK
C9a2a Lowest frequency	
C9a2b Highest frequency	
C9a2c Frequency deviation	
C9a3a Freq. deviation of the pre-emphasized signal	
C9a3b Pre-emphasis characteristics	
C9a3c Type of multiplexing	
C9a4a Bit rate	
C9a4b Number of phases	
C9a5a Modulating signal attached (see attch. no.)	
C9a5b Amplitude modulation	
C9a6a Peak-to-peak freq. dev.	
C9a6b Sweep frequency	
C9a6c Energy dispersal waveform	
C9a7 Type of energy dispersal	
C9a8 Other types of modulation (see attch. no.)	
C9a9 TV standard	
BR7a Group id.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD403 E

C9 Modulation characteristics	C7a Designation of emission 46M4D7W--
C9a1 Type of modulation	PSK
C9a2a Lowest frequency	
C9a2b Highest frequency	
C9a2c Frequency deviation	
C9a3a Freq. deviation of the pre-emphasized signal	
C9a3b Pre-emphasis characteristics	
C9a3c Type of multiplexing	
C9a4a Bit rate	
C9a4b Number of phases	
C9a5a Modulating signal attached (see attch. no.)	
C9a5b Amplitude modulation	
C9a6a Peak-to-peak freq. dev.	
C9a6b Sweep frequency	
C9a6c Energy dispersal waveform	
C9a7 Type of energy dispersal	
C9a8 Other types of modulation (see attch. no.)	
C9a9 TV standard	
BR7a Group id.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438

E_TSUM Requested by: ROGER LE	Date: 13.06.2016 8:25:35 AM	DB: STEAM-1.MDB	Plan Id.:	Notice type: NONGEO
A A1a Sat. Network STEAM-1	A1f1 Notifying adm. NOR	A1f3 Inter. sat. org.	BR1 Date of receipt 27.12.2014	BR20/BR21 BR IFIC no./part 2816/
BR6a/BR6b Id. no. 114520273	BR3a/BR3b Provision reference 9.6	C	BR2 Adm. serial no.	DD403 E

C9 Modulation characteristics	C7a Designation of emission 92M7D7W--
C9a1 Type of modulation	PSK
C9a2a Lowest frequency	
C9a2b Highest frequency	
C9a2c Frequency deviation	
C9a3a Freq. deviation of the pre-emphasized signal	
C9a3b Pre-emphasis characteristics	
C9a3c Type of multiplexing	
C9a4a Bit rate	
C9a4b Number of phases	
C9a5a Modulating signal attached (see attch. no.)	
C9a5b Amplitude modulation	
C9a6a Peak-to-peak freq. dev.	
C9a6b Sweep frequency	
C9a6c Energy dispersal waveform	
C9a7 Type of energy dispersal	
C9a8 Other types of modulation (see attch. no.)	
C9a9 TV standard	
BR7a Group id.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438