			Parameter	# of bits	Description	Data Value	Notes
Standard Message Header			Message ID	6	Identifier for Message 8	8	broadcast binary message
			Repeat Indicator	2	Used by the repeater to indicate how many times a message has been repeated. (See ITU-R M.1371-3, Annex 2, § 4.6.1).	0	no repeats
			Source MMSI	30	MMSI number of source station.	366123456	test MMSI
			Spare	2	Not used	0	
Binary Data			Designated Area Code	10	Designated area code (DAC). (See Rec. ITU-R M.1371-3 § 2.1, Annex 5).	366	US
			Function Identifier	6	Function identifier.	22	AN
	Application Data		Message Linkage ID	10	A source specific running number, unique across all binary messages equipped with Message Linkage ID	101	
			Notice Description	7	Area Type	13	Caution Area: Survey Operations
			UTC month	4	UTC month of the Area start	9	September
			UTC Day	5	UTC day of the Area start	4	4th
			UTC hour	5	UTC hour of the time of the Area start	15	15h
			UTC minute	6	UTC minute of the time of the data.	25	25m
			Duration	18	Minutes until end of Area Notice, measured from start time of Area Notice.	2880	48hr
		Sub-Area 1	Area Shape	3	Defines the shape of the area	0	Circle
			Scale Factor	2	This is a multiplier for the dimensions of the shape.	1	x10
			Longitude	28	Longitude of the center in 1/10 000 minute. (±180°)	225274456	71 56.1' W
			Latitude	27	Latitude of the center.	24742000	41 14.2 N
			Precision	3	Data to be truncated to the number of decimal places specified in this parameter.	4	no truncation
			Radius	12	This is the radius of the circle in meter increments.	180	1800 or 1.8km
			Spare	15	Not used.	0	
			Spare	7	From 1 to 7 spare bits, added to make the total message length an even number of bytes	0	
				208	total bits		
				26	total bytes		

!AIVDM,1,1,0,A,85M:Ih1KUQU6jAs85`0MK4Ih<7=B42l0000,2*7F!AIVDM,1,1,0,A,85M:Ih1KUQU6jAs85`0MKFaH;k4>42l0000,2*0E

			Parameter	# of bits	Description	Data Value	Notes
Standard Message Header			Message ID	6	Identifier for Message 8	8	broadcast binary message
			Repeat Indicator	2	Used by the repeater to indicate how many times a message has been repeated. (See ITU-R M.1371-3, Annex 2, § 4.6.1).	0	no repeats
			Source MMSI	30	MMSI number of source station.	366123456	test MMSI
			Spare	2	Not used	0	
Binary Data			Designated Area Code	10	Designated area code (DAC). (See Rec. ITU-R M.1371-3 § 2.1, Annex 5).	366	US
			Function Identifier	6	Function identifier.	22	AN
	Application Data		Message Linkage ID	10	A source specific running number, unique across all binary messages equipped with Message Linkage ID	102	
			Notice Description	7	Area Type	97	Chart Feature: submerged object
			UTC month	4	UTC month of the Area start	9	September
			UTC Day	5	UTC day of the Area start	4	4th
			UTC hour	5	UTC hour of the time of the Area start	15	15h
			UTC minute	6	UTC minute of the time of the data.	25	25m
			Duration	18	Minutes until end of Area Notice, measured from start time of Area Notice.	360	6hr
		Sub-Area 1	Area Shape	3	Defines the shape of the area	1	Rectangle
			Scale Factor	2	This is a multiplier for the dimensions of the shape.	1	x10
			Longitude	28	Longitude of the corner point in 1/10 000 minute. (±180°)	225289456	71 53.6 W
			Latitude	27	Latitude of the corner point	24685000	41 8.5 N
			E Dimension	8	Box dimension East from the corner point in meter increments	40	400m
			N Dimension	8	Box dimension North from the corner point in meter steps	20	200m
			Orientation	9	Rotation of area in degree steps. Area is rotated clockwise this number of degrees about the position above.	42	42deg
			Spare	5	Not used.	0	
			Spare	7	From 1 to 7 spare bits, added to make the total message length an even number of bytes	0	
				208	total bits		
				26	total bytes		

!AIVDM,1,1,0,A,85M:Ih1KUQVhjAs80e1MJCPP;uR91@:2`00,2*73!AIVDM,1,1,0,A,85M:Ih1KUQVhjAs80e1MKJCh;iDq1@:2`00,2*12

			Parameter	# of bits	Description	Data Value	Notes
Standard Message Header			Message ID	6	Identifier for Message 8	8	broadcast binary message
			Repeat Indicator	2	Used by the repeater to indicate how many times a message has been repeated. (See ITU-R M.1371-3, Annex 2, § 4.6.1).	0	no repeats
			Source MMSI	30	MMSI number of source station.	366123456	test MMSI
			Spare	2	Not used	0	
Binary Data			Designated Area Code	10	Designated area code (DAC). (See Rec. ITU-R M.1371-3 § 2.1, Annex 5).	366	US
			Function Identifier	6	Function identifier.	22	AN
	Application Data		Message Linkage ID	10	A source specific running number, unique across all binary messages equipped with Message Linkage ID	103	
			Notice Description	7	Area Type	10	Caution Area: Divers down
			UTC month	4	UTC month of the Area start	9	September
			UTC Day	5	UTC day of the Area start	4	4th
			UTC hour	5	UTC hour of the time of the Area start	15	15h
			UTC minute	6	UTC minute of the time of the data.	25	25m
			Duration	18	Minutes until end of Area Notice, measured from start time of Area Notice.	360	6hr
		Sub-Area 1	Area Shape	3	Defines the shape of the area	2	Sector
			Scale Factor	2	This is a multiplier for the dimensions of the shape.	2	x100
			Longitude	28	Longitude of the center point in 1/10 000 minute. (±180°)	225384456	71 45.1 W
			Latitude	27	Latitude of the center point	24670000	41 7.0 N
			Radius	12	This is the radius of the sector in meter steps.	50	5000m = 5km
			Left Boundary	9	Orientation of the left boundary edge of the sector in degree steps measured clockwise from true North	175	175 deg
			Right Boundary	9	Orientation of the right boundary edge of the sector. Total sector area is the area measured from the left boundary clockwise to the right boundary.	225	225 deg
			Spare	7	From 1 to 7 spare bits, added to make the total message length an even number of bytes	0	
				208	total bits		
				26	total bytes		

!AIVDM,1,1,0,A,85M:lh1KUQW5BAs80e2eKiP8;hoV06BqL80,2*5E

		Duration	18	Minutes until end of Area Notice, measured from start time of Area Notice.	2880	48hr
	Sub-Area 1	Area Shape	3	Defines the shape of the area	0	Circle
		Scale Factor	2	This is a multiplier for the dimensions of the shape.	0	x1
		Longitude	28	Longitude of the center in 1/10 000 minute. (±180°)	225426456	71 40.9 W
		Latitude	27	Latitude of the center.	24689000	41 8.9 N
		Precision	3	Data to be truncated to the number of decimal places specified in this parameter.	4	no truncation
		Radius	12	This is the radius of the circle in meter increments.	0	point
		Spare	15	Not used.	0	
	Sub-Area 2	Area Shape	3	Defines the shape of the area	3	Polyline
		Scale Factor	2	This is a multiplier for the dimensions of the shape.	0	x1
		Point 1 Angle	10	True bearing (in half-degree steps) from Point 0 to Point 1 or from the last Point in a Polyline directly preceding this Polyline to Point 1 in this Polyline.	90	45.0deg
		Point 1 Distance	11	Distance (in meters) from Point 0 or from the last Point in a Polyline directly preceding this Polyline to Point 1 in this Polyline	2000	2000m
		Point 2 Angle	10	True bearing (in half-degree steps) from Point 1 to Point 2.	111	55.5deg
		Point 2 Distance	11	Distance (in meters) from Point 1 to Point 2	1500	1500m
		Point 3 Angle	10	True bearing (in half-degree steps) from Point 2 to Point 3.	40	20deg
		Point 3 Distance	11	Distance (in meters) from Point 2 to Point 3	755	755m
		Point 4 Angle	10	True bearing (in half-degree steps) from Point 3 to Point 4.	150	75deg
		Point 4 Distance	11	Distance (in meters) from Point 3 to Point 4	1825	1825m
		Spare	1	Not used.	0	
	Sub-Area 3	Area Shape	3	Defines the shape of the area	3	Polyline
		Scale Factor	2	This is a multiplier for the dimensions of the shape.	0	x1
		Point 1 Angle	10	True bearing (in half-degree steps) from Point 0 to Point 1 or from the last Point in a Polyline directly preceding this Polyline to Point 1 in this	31	15.5deg
		Point 1 Distance	11	Distance (in meters) from Point 0 or from the last Point in a Polyline directly preceding this Polyline to Point 1 in this Polyline	550	550m
		Point 2 Angle	10	True bearing (in half-degree steps) from Point 1 to Point 2.	0	no point
		Point 2 Distance	11	Distance (in meters) from Point 1 to Point 2	0	no point
		Point 3 Angle	10	True bearing (in half-degree steps) from Point 2 to Point 3.	0	no point
		Point 3 Distance	11	Distance (in meters) from Point 2 to Point 3	0	no point
		Point 4 Angle	10	True bearing (in half-degree steps) from Point 3 to Point 4.	0	no point
		Point 4 Distance	11	Distance (in meters) from Point 3 to Point 4	0	no point
		Spare	1	Not used.	0	
	Sub-Area 4	Area Shape	3	Defines the shape of the area	5	Associated Text
		Text	84	Fourteen 6-bit ASCII characters, 6 bit ASCII characters as per Table 44 in ITU 1371-3	20 5 19 20 32 12 9 14 5 32 49	TEST LINE 1
		Spare	3	Not used.	0	
		Spare	1	From 1 to 7 spare bits, added to make the total message length an even number of bytes	0	
			472	total bits		
			59	total bytes		

DM,2,1,0,A,85M:Ih1KUQ`tBAs85`0=KshH;iLe4000031JvP=uo0`GVBo8C0OA<000000000,0*0F

DM,2,2,0,A,05D5CDP<9>5Pi0000,2*00

			Parameter	# of bits	Description	Data Value	Notes
Standard Message Header			Message ID	6	Identifier for Message 8	8	broadcast binary m
			Repeat Indicator	2	Used by the repeater to indicate how many times a message has been repeated. (See ITU-R M.1371-3, Annex 2, § 4.6.1).	0	no repeats
			Source MMSI	30	MMSI number of source station.	366123456	test MMSI
			Spare	2	Not used	0	
Binary Data			Designated Area Code	10	Designated area code (DAC). (See Rec. ITU-R M.1371-3 § 2.1, Annex 5).	366	US
			Function Identifier	6	Function identifier.	22	AN
	Application Data		Message Linkage ID	10	A source specific running number, unique across all binary messages equipped with Message Linkage ID	105	
			Notice Description	7	Area Type	17	Caution Area: Clus
			UTC month	4	UTC month of the Area start	9	September
			UTC Day	5	UTC day of the Area start	4	4th
			UTC hour	5	UTC hour of the time of the Area start	15	15h
			UTC minute	6	UTC minute of the time of the data.	25	25m
			Duration	18	Minutes until end of Area Notice, measured from start time of Area Notice.	2880	48hr
		Sub-Area 1	Area Shape	3	Defines the shape of the area	0	Circle
			Scale Factor	2	This is a multiplier for the dimensions of the shape.	0	x1
			Longitude	28	Longitude of the center in 1/10 000 minute. (±180°)	225383456	71 45.2 W
			Latitude	27	Latitude of the center.	24745000	41 15.5 N
			Precision	3	Data to be truncated to the number of decimal places specified in this parameter.	4	no truncation
			Radius	12	This is the radius of the circle in meter increments.	0	point
			Spare	15	Not used.	0	
		Sub-Area 2	Area Shape	3	Defines the shape of the area	4	Polygon
			Scale Factor	2	This is a multiplier for the dimensions of the shape.	0	x1
			Point 1 Angle	10	True bearing (in half-degree steps) from Point 0 to Point 1 or from the last Point in a Polyline directly preceding this Polyline to Point 1 in this Polyline.	60	30deg
			Point 1 Distance	11	Distance (in meters) from Point 0 or from the last Point in a Polyline directly preceding this Polyline to Point 1 in this Polyline	1200	1200m
			Point 2 Angle	10	True bearing (in half-degree steps) from Point 1 to Point 2.	300	150deg
			Point 2 Distance	11	Distance (in meters) from Point 1 to Point 2	1200	1200m
			Point 3 Angle	10	True bearing (in half-degree steps) from Point 2 to Point 3.	0	no point
			Point 3 Distance	11	Distance (in meters) from Point 2 to Point 3	0	no point
			Point 4 Angle	10	True bearing (in half-degree steps) from Point 3 to Point 4.	0	no point
			Point 4 Distance	11	Distance (in meters) from Point 3 to Point 4	0	no point
			Spare	1	Not used.	0	
			Spare	5	From 1 to 7 spare bits, added to make the total message length an even number of bytes	0	
				296	total bits		

!AIVDM,1,1,0,A,85M:lh1KUQa8jAs85`0=Ki@P;k:54000040tUPUTd000000000,4*2F							