Class gov.nasa.gsfc.spdf.ssc.SatelliteSpecification : java.lang.Object

Public SatelliteSpecification ()

SatelliteSpecification ( java.lang.String id, int resolutionFactor )

java.lang.String getID ()

int getResolutionFactor()

void setID ( java.lang.String value )

void setResolutionFactor ( int value )

Inherited clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Class gov.nasa.gsfc.spdf.ssc.SpaceRegionsFilterOptions : java.lang.Object

Public SpaceRegionsFilterOptions ()

SpaceRegionsFilterOptions (

boolean interplanetaryMedium,

boolean daysideMagnetosheath,

boolean nightsideMagnetosheath,

boolean daysideMagnetosphere,

boolean nightsideMagnetosphere,

boolean plasmaSheet,

boolean tailLobe,

boolean highLatitudeBoundaryLayer,

boolean lowLatitudeBoundaryLayer,

boolean daysidePlasmasphere,

boolean nightsidePlasmasphere

)

boolean isDaysideMagnetosheath ()

boolean isDaysideMagnetosphere ()

boolean isDaysidePlasmasphere ()

boolean isHighLatitudeBoundaryLayer ()

boolean isInterplanetaryMedium ()

boolean isLowLatitudeBoundaryLayer ()

boolean isNightsideMagnetosheath ()

boolean isNightsideMagnetosphere ()

boolean isNightsidePlasmasphere ()

boolean isPlasmaSheet ()

boolean isTailLobe ()

void setDaysideMagnetosheath ( boolean value )

void setDaysideMagnetosphere (boolean value )

void setDaysidePlasmasphere (boolean value )

void setHighLatitudeBoundaryLayer (boolean value )

void setInterplanetaryMedium (boolean value )

void setLowLatitudeBoundaryLayer (boolean value )

void setNightsideMagnetosheath (boolean value )

void setNightsideMagnetosphere (boolean value )

void setNightsidePlasmasphere (boolean value )

void setPlasmaSheet (boolean value )

void setTailLobe (boolean value )

Inherited clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Class gov.nasa.gsfc.spdf.ssc.HemisphereOptions

Public HemisphereOptions ()

HemisphereOptions ( boolean north, boolean south )

java.lang.Object clone ()

boolean isNorth ()

boolean isSouth ()

void setNorth ( boolean value )

void setSouth ( boolean value )

Class gov.nasa.gsfc.spdf.ssc.MappedRegionFilterOptions

Public MappedRegionFilterOptions ()

MappedRegionFilterOptions (

HemisphereOptions cusp,

HemisphereOptions cleft,

HemisphereOptions auroralOval,

HemisphereOptions polarCap,

HemisphereOptions midLatitude,

boolean lowLatitude

)

HemisphereOptions getAuroralOval ()

HemisphereOptions getCleft ()

HemisphereOptions getCusp ()

HemisphereOptions getMidLatitude ()

HemisphereOptions getPolarCap ()

boolean isLowLatitude ()

void setAuroralOval ( HemisphereOptions value )

void setCleft ( HemisphereOptions value )

void setCusp ( HemisphereOptions value )

void setLowLatitude ( boolean value )

void setMidLatitude ( HemisphereOptions value )

void setPolarCap ( HemisphereOptions value )

Class gov.nasa.gsfc.spdf.ssc.RegionFilterOptions

Public RegionFilterOptions ()

RegionFilterOptions (

SpaceRegionsFilterOptions spaceRegions,

MappedRegionFilterOptions radialTraceRegions,

MappedRegionFilterOptions magneticTraceRegions

)

MappedRegionFilterOptions getMagneticTraceRegions ()

MappedRegionFilterOptions getRedialTraceRegions ()

SpaceRegionsFilterOptions getSpaceRegions ()

void list ( java.io.PrintStream out )

void setMagneticTraceRegions ( MappedRegionFilterOptions value )

void setRadialTraceRegions ( MappedRegionFilterOptions value )

void setSpaceRegions ( SpaceRegionsFilterOptions value )

class gov.nasa.gsfc.spdf.ssc.client.LocationFilter

Public LocationFilter ()

LocationFIlter (

boolean minimum,

boolean maximum,

java.lang.Double lowerLimit

java.lang.Double upperLimit,

java.util.Calendar lowerDate,

java.util.Calender upperDate

)

java.util.Calendar getLowerDate ()

java.lang.Double getLowerLimit ()

java.util.Calendar getUpperDate ()

java.lang.Double getUpperLimit ()

boolean isMaximum ()

boolean isMinimum ()

void list ( java.io.PrintStream out, java.lang.String title )

void setLowerDate ( java.util.Calendar value )

void setLowerLimit ( java.lang.Double value )

void setMaximum ( boolean value )

void setMinimum ( boolean value )

void setUpperDate ( java.util.Calendar value )

void setUpperLimit ( java.lang.Double value )