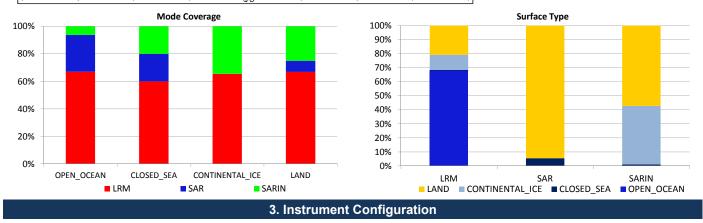


# IDEAS+ Daily Report for OFFLINE data:

# 14/09/2016

Report Production Date:	17-Oct-2016	Check	Status
		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal
		Product Header Analysis	Nominal
		Star Tracker Usage Check	Nominal
		L1B Calibration Usage Check	Nominal
		L1B & L2 Auxiliary Data File Usage Check	Nominal
		L1B & L2 Auxiliary Correction Error Check	Nominal
		L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5

14-Sep-2016 None 15-Sep-2016 Nothing planned		
2. Global	Coverage	
Global Coverage - North Pole	Global Coverage - South Pole	
	Mode Coverage (%)	
	LRM 2	20.0
TAN A GRANT BERKILL	SAR 1	13.2
	SARIn (	0.0



The SIRAL instrument configuration for the day of acquisition is provided below.

SIRAL instrument(s) in use: SIRAL - A

# 4. Level 1B Data Quality Check

## 4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a product file (.DBL)

# Number of products with errors:

# 4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

Number of products with errors.

## 4.3 Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing

Number of products with errors:

## 4.4 L1B Calibration Usage Check

Each product is checked in order to ensure that the necessary calibration files have been used in processing

Number of products with errors:

# 4.5 L1B Auxilary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0

Number of products with errors.

#### 4.6 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

#### 4.7 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 1B products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Block Degraded Flag: This flag is currently set for a number of individual records generally at the start or end of products (all modes), but this is to be expected.

Phase Perturbation Flag: This flag is currently set for all L1B SARIn products, indicating that the ADC correction application is deactivated, but this is in line with the current configuration. Number of products with errors: 2

# Product Test Failed Description CS\_OFFL\_SIR\_LRM\_1B\_20160914T025909\_20160914T030630\_C001 Echo error, TRK echo error The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo CS\_OFFL\_SIR\_LRM\_1B\_20160914T222014\_20160914T225615\_C001 Echo error, TRK echo error The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

# 5. Level 2 Data Quality Check

### 5.1 L2 Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a product file (.DBL) Number of products with errors: 0

## 5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

## 5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0

# 5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (field 30) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

## 5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag (field 50) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 2 products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Freeboard error: This flag is correctly set in all L2 SAR products that are not discriminated as sea-ice, and for which freeboard cannot be calculated.

Height and Backscatter errors: These flags are currently set for products over land, but this is to be expected. Retracker 1 Height and Backscatter error flags are also set for products over sea-ice, but this is to be expected.

Peakiness error: This flag is currently set for products over sea-ice, but this is to be expected.

SARIN X-Track Angle Error: This flag is set when the difference between the computed surface elevation and the DEM is >50 m. The DEM is only available over Greenland and Antarctica and as a result this flag is set for L2 SARIn products in all other locations as expected.

SSHA interpolation error: This flag is currently set for a number of SAR products occurring at surface type boundaries, but this is to be expected.

Number of products with errors:

Product	Test Failed Height Error (Retracker 2), Backscatter	Description There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160913T235910_20160914T001735_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220160914T001855_20160914T003246_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T004047_20160914T004247_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more recor
CS_OFFL_SIR_LRM_220160914T005016_20160914T010508_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160914T010709_20160914T011633_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160914T013733_20160914T015535_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160914T021853_20160914T022651_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_220160914T023005_20160914T024414_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T031843_20160914T035340_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T035726_20160914T035935_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_220160914T035959_20160914T040538_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_220160914T041013_20160914T043331_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS OFFL SIR LRM 2 20160914T044403 20160914T044626 C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160914T044644_20160914T044702_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160914T050731_20160914T051635_C001	(Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160914T061950_20160914T062644_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRW_2_201609141001950_201609141002044_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2201609141080316_201609141071023_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20160914T080555_20160914T080601_C001	(Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160914T081803_20160914T085040_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160914T090826_20160914T092755_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160914T093330_20160914T093511_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160914T095435_20160914T102928_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220160914T103804_20160914T104201_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
CS_OFFL_SIR_LRM_220160914T104718_20160914T110234_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T111353_20160914T112056_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T113304_20160914T114725_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T115206_20160914T115335_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T115405_20160914T120901_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height e for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160914T122732_20160914T124023_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T124237_20160914T130206_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height e for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160914T132200_20160914T133225_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160914T133405_20160914T134743_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T141349_20160914T141615_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T142336_20160914T142615_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T142738_20160914T143450_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T143612_20160914T143825_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T150547_20160914T150838_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T151036_20160914T152629_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20160914T154247_20160914T161610_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160914T162933_20160914T163155_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3)	records There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160914T164203_20160914T170528_C001	(Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160914T171432_20160914T171757_C001	Error (Retracker 2) Surface Model Unavailable	records No DEM or Slope Model was used for the location of one or more reco
	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160914T173804_20160914T175330_C001 CS_OFFL_SIR_LRM_220160914T180939_20160914T181609_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records
	(Retracker 2)	
CS_OFFL_SIR_LRM_220160914T181854_20160914T183951_C001	(Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height for Retracker 3 for one or more records

CS\_OFFL\_SIR\_LRM\_2\_\_20160914T184856\_20160914T185704\_C001 CS OFFL SIR LRM 2 20160914T190224 20160914T193433 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160914T194628\_20160914T194846\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160914T194901\_20160914T194952\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160914T204107\_20160914T210205\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160914T210451\_20160914T211616\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160914T212548\_20160914T213026\_C001 CS OFFL SIR LRM 2 20160914T213750 20160914T215057 C001 CS OFFL SIR LRM 2 20160914T220946 20160914T221252 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160914T222014\_20160914T225615\_C001 CS OFFL SIR LRM 2 20160914T230913 20160914T231609 C001 CS OFFL SIR LRM 2 20160914T231625 20160914T234030 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160914T235004\_20160914T235158\_C001 CS OFFL SIR SIN 2 20160914T003811 20160914T004046 C001 CS OFFL SIR SIN 2 20160914T004247 20160914T004355 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T004749\_20160914T004928\_C001 CS OFFL SIR SIN 2 20160914T013335 20160914T013444 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T013556\_20160914T013733\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T021538\_20160914T021853\_C001 CS OFFL SIR SIN 2 20160914T022651 20160914T022839 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T031252\_20160914T031413\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T031416\_20160914T031842\_C001 CS\_OFFL\_SIR\_SIN\_2\_20160914T035537\_20160914T035725\_C001 CS OFFL SIR SIN 2 20160914T040538 20160914T040801 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T044626\_20160914T044644\_C001 CS OFFL SIR SIN 2 20160914T044740 20160914T044813 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T053506\_20160914T053647\_C001 CS OFFL SIR SIN 2 20160914T053756 20160914T053934 C001 CS OFFL SIR SIN 2 20160914T054409 20160914T054512 C001 CS OFFL SIR SIN 2 20160914T054528 20160914T054651 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T071510\_20160914T071844\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T072418\_20160914T072533\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T085427\_20160914T085747\_C001 CS OFFL SIR SIN 2 20160914T090300 20160914T090424 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T094514\_20160914T094632\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T103138\_20160914T103428\_C001 CS OFFL SIR SIN 2 20160914T104201 20160914T104310 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T112056\_20160914T112157\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T112433\_20160914T112542\_C001 CS OFFL SIR SIN 2 20160914T120946 20160914T121126 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T121903\_20160914T122055\_C001 CS OFFL SIR SIN 2 20160914T130236 20160914T130457 C001 CS OFFL SIR SIN 2 20160914T134905 20160914T135051 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T135614\_20160914T135620\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T135735\_20160914T140427\_C001 CS OFFL SIR SIN 2 20160914T143905 20160914T144337 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T152808\_20160914T153057\_C001 CS\_OFFL\_SIR\_SIN\_2\_20160914T153512\_20160914T153518\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160914T153719\_20160914T154023\_C001

Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailabl SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error

No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3, and no Surface Model available for one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records No DEM or Slope Model was used for the location of one or more records An ambiguous angle was detected for SARIn mode for one or more An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_220160914T170748_20160914T170902_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T171757_20160914T171915_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T180810_20160914T180938_C001	SARIn X-track Angle Error, Surface Model Unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220160914T184732_20160914T184856_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T185704_20160914T185817_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T202708_20160914T202833_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T203352_20160914T203658_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T212528_20160914T212547_C001	SARIn X-track Angle Error, Surface Model Unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220160914T220652_20160914T220946_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T221252_20160914T221629_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T234730_20160914T235004_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T235158_20160914T235432_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160914T235642_20160914T235823_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records