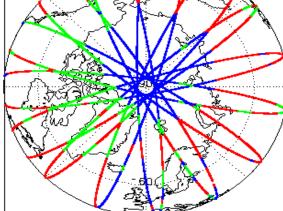
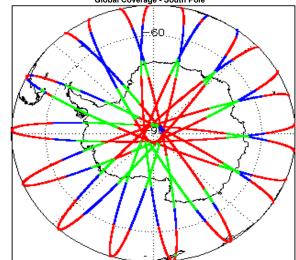


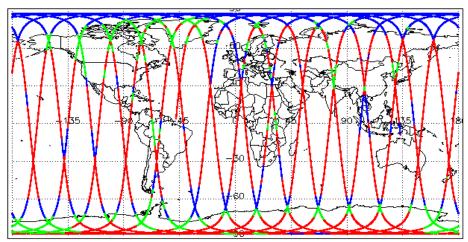
# IDEAS+ Daily Report for OFFLINE data:

<u>27/09/2016</u>

Report Production Date: 28-Oct-2016		Check	Status
Report Production Date.	20-00-2018	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
1.0003301.0304.		Product Software Check	Nominal
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal
Data Used.		Product Header Analysis	See Section 4.2 and 5.2
		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
28-Sep-2016 Nothing planned			
		2. Global Coverage	
	Global Coverage - North Pole		age - South Pole

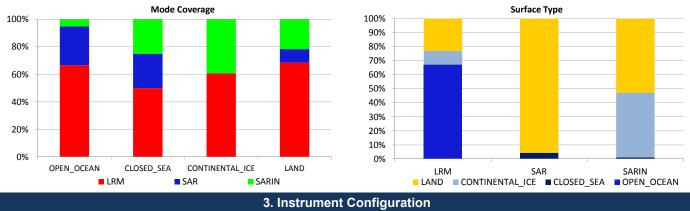








LRM	21.2
SAR	12.5
SARIn	0.0



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

# 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	er to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
Number of products with errors: 1	
Product	Test Failed
CS_OFFL_SIR_SAR_1B_20160927T140348_20160927T140350_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
4.3 Star Tracker Usage Check	
Each product is checked in order to ensure a valid star tracker file has been used in process	sing.
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: 0

2

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:

### 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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20160927T035348_20160927T035811_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20160927T152414_20160927T153135_C001		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:

### 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. Number of products with errors:

Number of products with errors.

 Product
 Test Failed

 CS\_OFFL\_SIR\_SAR\_2\_20160927T140348\_20160927T140350\_C001
 Percentage of processing errors detected greater than minimum acceptable threshold.

### 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:

### 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.

Number of products with errors: 111

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220160927T000147_20160927T001153_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_2_20160927T003355_20160927T005024_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_220160927T011351_20160927T011638_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160927T012425_20160927T013811_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_220160927T013950_20160927T014143_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_220160927T020948_20160927T021030_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_220160927T021259_20160927T021518_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_220160927T022514_20160927T024759_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_220160927T025150_20160927T030026_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160927T030409_20160927T032806_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_220160927T033805_20160927T034111_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_220160927T034127_20160927T034133_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_220160927T035948_20160927T041459_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_220160927T044332_20160927T051148_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_220160927T051225_20160927T052112_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_220160927T053459_20160927T055018_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_220160927T055549_20160927T060501_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_220160927T063140_20160927T063731_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_220160927T064845_20160927T064847_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_220160927T065809_20160927T065957_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_220160927T071201_20160927T074450_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_220160927T080315_20160927T082757_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_220160927T082945_20160927T083112_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_220160927T084909_20160927T090031_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_220160927T090048_20160927T091912_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_220160927T091949_20160927T092410_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_220160927T094151_20160927T101548_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_220160927T102755_20160927T104925_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	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_220160927T104928_20160927T110324_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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
CS_OFFL_SIR_LRM_220160927T112227_20160927T113454_C001	Error (Retracker 2) Height Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220160927T113610_20160927T115256_C001	(Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	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_220160927T121442_20160927T122552_C001	(Retracker 2) (Retracker 2) Height Error (Retracker 2), Height Error	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_220160927T122755_20160927T124221_C001	(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_220160927T125924_20160927T130358_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_220160927T130434_20160927T131057_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height 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_220160927T131642_20160927T132918_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2) Height Error	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_220160927T133042_20160927T133259_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_220160927T140714_20160927T142102_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_220160927T143008_20160927T143124_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160927T143725_20160927T150249_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	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
CS_OFFL_SIR_LRM_220160927T153619_20160927T160001_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160927T160906_20160927T161231_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS\_OFFL\_SIR\_LRM\_2\_\_20160927T163235\_20160927T164230\_C001 CS OFFL SIR LRM 2 20160927T170244 20160927T171440 C001 CS OFFL SIR LRM 2 20160927T171443 20160927T173934 C001 CS\_OFFL\_SIR\_LRM\_2\_20160927T174804\_20160927T175133\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160927T175620\_20160927T180618\_C001 CS OFFL SIR LRM 2 20160927T180951 20160927T182936 C001 CS OFFL SIR LRM 2 20160927T184058 20160927T184508 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160927T193547\_20160927T195633\_C001 CS OFFL SIR LRM 2 20160927T195919 20160927T201041 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160927T202050\_20160927T202407\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160927T203156\_20160927T205701\_C001 CS OFFL SIR LRM 2 20160927T210226 20160927T210725 C001 CS OFFL SIR LRM 2 20160927T211425 20160927T215028 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160927T221210\_20160927T223502\_C001 CS OFFL SIR LRM 2 20160927T225432 20160927T230917 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160927T230920\_20160927T231053\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160927T231535\_20160927T232947\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160927T234258\_20160927T235934\_C001 CS OFFL SIR SIN 2 20160927T002801 20160927T002916 C001 CS OFFL SIR SIN 2 20160927T003115 20160927T003355 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T010746\_20160927T011350\_C001 CS\_OFFL\_SIR\_SIN\_2\_20160927T011638\_20160927T011651\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T012122\_20160927T012304\_C001 CS OFFL SIR SIN 2 20160927T020819 20160927T020944 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T025004\_20160927T025149\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T030026\_20160927T030209\_C001 CS OFFL SIR SIN 2 20160927T034655 20160927T035137 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T042942\_20160927T043116\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T043246\_20160927T043403\_C001 CS OFFL SIR SIN 2 20160927T043823 20160927T044107 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T060927\_20160927T061315\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T061902\_20160927T062020\_C001 CS OFFL SIR SIN 2 20160927T065958 20160927T070044 C001 CS OFFL SIR SIN 2 20160927T074905 20160927T075220 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T075733\_20160927T075852\_C001 CS OFFL SIR SIN 2 20160927T092622 20160927T093034 C001 CS OFFL SIR SIN 2 20160927T093640 20160927T093751 C001 CS OFFL SIR SIN 2 20160927T101550 20160927T101818 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T101855\_20160927T102016\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T110429\_20160927T110555\_C001 CS OFFL SIR SIN 2 20160927T111354 20160927T111539 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T115257\_20160927T115721\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T115812\_20160927T115925\_C001 CS\_OFFL\_SIR\_SIN\_2\_20160927T124338\_20160927T124521\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T125047\_20160927T125054\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160927T125213\_20160927T125447\_C001 CS OFFL SIR SIN 2 20160927T125700 20160927T125830 C001 CS OFFL SIR SIN 2 20160927T133353 20160927T133821 C001 CS OFFL SIR SIN 2 20160927T142301 20160927T142455 C001

Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more Error (Retracker 2) ecords Height Error (Retracker 2), Height Error There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error for Retracker 3 for one or more records (Retracker 2) Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more Error (Retracker 2) ecords Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more Error (Retracker 2) records Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more Error (Retracker 2) records Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more Error (Retracker 2) records 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(Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more Error (Retracker 2) records Height Error (Retracker 2), Height Error There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error for Retracker 3 for one or more records (Retracker 2) Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more Error (Retracker 2) records Height Error (Retracker 2), Height Error There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error for Retracker 3 for one or more record (Retracker 2) Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more Error (Retracker 2) records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records SARIn X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope Model Unavailable Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records SARIn X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope Model Unavailable Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more SARIn X-track Angle Error records An ambiguous angle was 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detected for SARIn mode for one or more SARIn X-track Angle Error records

CS_OFFL_SIR_SIN_220160927T142946_20160927T142952_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T143124_20160927T143452_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T152147_20160927T152227_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_220160927T160230_20160927T160456_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T160844_20160927T160850_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T160900_20160927T160906_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T161231_20160927T161413_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T174143_20160927T174307_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T174758_20160927T174803_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T175134_20160927T175313_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T192138_20160927T192301_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T192827_20160927T193139_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T201947_20160927T202050_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_220160927T210111_20160927T210226_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T210725_20160927T211046_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T220301_20160927T220332_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_220160927T224200_20160927T224436_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T224629_20160927T225256_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T233716_20160927T233837_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160927T234128_20160927T234258_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records