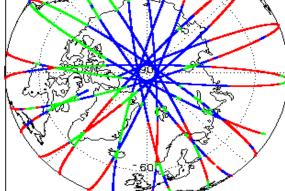
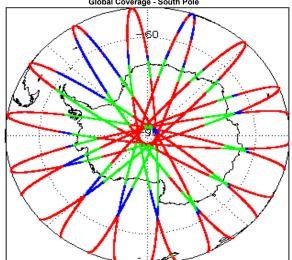


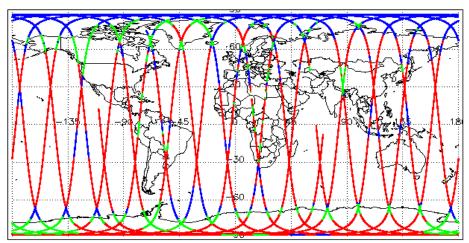
# IDEAS+ Daily Report for OFFLINE data:

<u>21/04/2016</u>

		1. Overview		
Demant Dreaderation Dates	00 May 0040	Check	Status	
Report Production Date:	23-May-2016	Server check: science-pds.cryosat.esa.int	Nominal	
Process of the day of the P		Server check: calval-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Product Software Check	Nominal	
Data Usadi		Product Format Check	Nominal	
Data Used:	L1B and L2 OFFLINE Data	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	
21-Apr-2016 None 22-Apr-2016 Nothing planned				
	Clabel Coverage North Bala	2. Global Coverage	userana Sauth Bala	
Global Coverage - North Pole Global Coverage - South Pole				

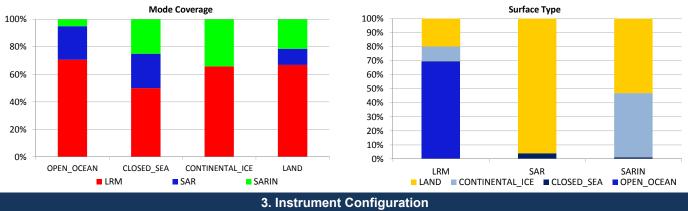








LRM	19.0
SAR	11.7
SARIn	0.0



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 orden Number of products with errors: 1	r to identify any inconsistencies and/or errors raised by the ground-segment processing chain.			
Product	Test Failed			
CS_OFFL_SIR_SAR_1B_20160421T074256_20160421T074259_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 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:

### 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:

## 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: 1

Product	Test Failed	
CS_OFFL_SIR_SAR_220160421T074256_20160421T074259_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. 0

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.

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

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220160420T234841_20160421T001438_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_220160421T002156_20160421T002520_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more recor
CS_OFFL_SIR_LRM_220160421T002812_20160421T003949_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_220160421T004523_20160421T010020_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_220160421T012624_20160421T015438_C002	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 err for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160421T015613_20160421T020050_C002	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more recor
CS_OFFL_SIR_LRM_220160421T020053_20160421T020426_C002	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more recor
CS_OFFL_SIR_LRM_220160421T020739_20160421T024204_C002	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 err for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160421T025519_20160421T025657_C002	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_220160421T030654_20160421T030814_C002	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_220160421T032332_20160421T032439_C002	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_220160421T034705_20160421T040922_C002	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_220160421T041208_20160421T042113_C002	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_220160421T043344_20160421T043734_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_220160421T044449_20160421T045005_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_220160421T045013_20160421T045817_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_220160421T050005_20160421T051249_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_220160421T051623_20160421T052015_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
CS_OFFL_SIR_LRM_220160421T052619_20160421T053219_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_220160421T053228_20160421T055853_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_220160421T061707_20160421T064753_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_220160421T070615_20160421T072341_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_220160421T072821_20160421T073522_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_220160421T075659_20160421T081224_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_220160421T081844_20160421T083020_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_220160421T083614_20160421T083835_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
CS_OFFL_SIR_LRM_220160421T084520_20160421T090010_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_220160421T090149_20160421T090327_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_220160421T090329_20160421T091721_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_220160421T093946_20160421T094551_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_220160421T094713_20160421T095157_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_220160421T095509_20160421T101111_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_220160421T101401_20160421T102238_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
CS_OFFL_SIR_LRM_220160421T102456_20160421T104838_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_220160421T111554_20160421T115015_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_220160421T115602_20160421T120037_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
CS_OFFL_SIR_LRM_220160421T120348_20160421T122122_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_220160421T130222_20160421T131220_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_220160421T131757_20160421T132920_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_220160421T134247_20160421T140452_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_220160421T140512_20160421T141016_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_220160421T141045_20160421T141149_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_220160421T142006_20160421T142112_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_220160421T143343_20160421T150820_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\_2\_\_20160421T155712\_20160421T160112\_C001 CS OFFL SIR LRM 2 20160421T161348 20160421T162227 C001 CS OFFL SIR LRM 2 20160421T162513 20160421T164733 C001 CS\_OFFL\_SIR\_LRM\_2\_20160421T170040\_20160421T171346\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160421T171534\_20160421T172807\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160421T175313\_20160421T182602\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160421T184425\_20160421T191443\_C001 CS OFFL SIR LRM 2 20160421T193443 20160421T194750 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160421T194948\_20160421T200527\_C001 CS OFFL SIR LRM 2 20160421T203819 20160421T205000 C001 CS OFFL SIR LRM 2 20160421T211245 20160421T212240 C001 CS OFFL SIR LRM 2 20160421T212526 20160421T212809 C001 CS OFFL SIR LRM 2 20160421T212948 20160421T214417 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160421T215804\_20160421T223145\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160421T223414\_20160421T223455\_C001 CS OFFL SIR LRM 2 20160421T225948 20160421T232352 C001 CS OFFL SIR LRM 2 20160421T233657 20160422T000608 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T001515\_20160421T001630\_C002 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T002137\_20160421T002139\_C002 CS OFFL SIR SIN 2 20160421T002150 20160421T002155 C002 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T002521\_20160421T002637\_C002 CS\_OFFL\_SIR\_SIN\_2\_20160421T011517\_20160421T011558\_C002 CS OFFL SIR SIN 2 20160421T015450 20160421T015613 C002 CS OFFL SIR SIN 2 20160421T020426 20160421T020542 C002 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T033429\_20160421T033555\_C002 CS OFFL SIR SIN 2 20160421T034116 20160421T034424 C002 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T043241\_20160421T043314\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T051412\_20160421T051623\_C001 CS OFFL SIR SIN 2 20160421T052015 20160421T052346 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T065453\_20160421T065727\_C001 CS OFFL SIR SIN 2 20160421T065921 20160421T070219 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T070352\_20160421T070546\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T074958\_20160421T075119\_C001 CS OFFL SIR SIN 2 20160421T075505 20160421T075648 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T083021\_20160421T083614\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T083835\_20160421T083908\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T092421\_20160421T092524\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T092925\_20160421T093137\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T101218\_20160421T101401\_C001 CS OFFL SIR SIN 2 20160421T102239 20160421T102439 C001 CS OFFL SIR SIN 2 20160421T110838 20160421T111327 C001 CS\_OFFL\_SIR\_SIN\_2\_20160421T115152\_20160421T115315\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T115505\_20160421T115602\_C001 CS OFFL SIR SIN 2 20160421T120037 20160421T120256 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T133124\_20160421T133244\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T133251\_20160421T133519\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160421T134112\_20160421T134239\_C001

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

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CS_OFFL_SIR_SIN_220160421T142222_20160421T142247_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_220160421T151114_20160421T151426_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T151943_20160421T152056_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T164901_20160421T165310_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T165842_20160421T170006_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T173817_20160421T174216_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T182633_20160421T182811_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T183635_20160421T183818_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T191450_20160421T191628_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T192017_20160421T192113_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T200538_20160421T200720_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T201255_20160421T201302_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T201427_20160421T201643_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T214442_20160421T214634_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T215321_20160421T215804_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T224410_20160421T224444_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_220160421T232446_20160421T232717_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T233051_20160421T233057_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160421T233436_20160421T233625_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records