



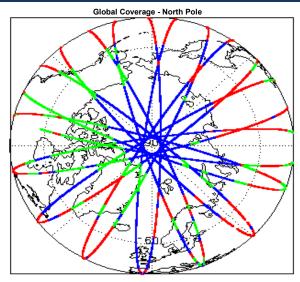
## 1. Overview

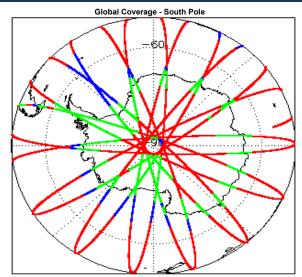
Report Production Date:	08-May-2018  CryoSat Ice Processor	
Processor Used:		
Data Used:	L1B and L2 OFFLINE Data	

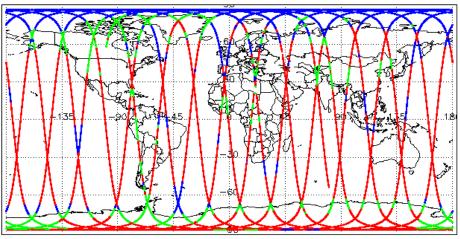
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2 and 5.2
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary 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

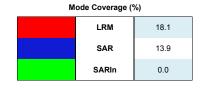
Mission / Instru	ument News
07-Apr-2018	None
08-Apr-2018	None
09-Apr-2018	Nothing planned

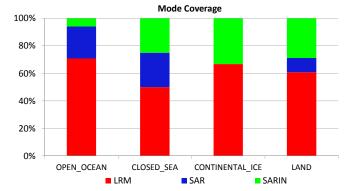
# 2. Global Coverage

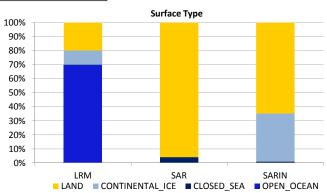












# 3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
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### 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:

Product	Test Failed
CS_OFFL_SIR_SAR_1B_20180408T090017_20180408T090019_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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20180408T101607_20180408T102316_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:

Product	Test Failed
CS_OFFL_SIR_SAR_220180408T090017_20180408T090019_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.

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: 99		
Product	Test Failed	Description The state of the Patrick
CS_OFFL_SIR_LRM_220180407T235631_20180408T002151_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_220180408T005419_20180408T010502_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_220180408T011040_20180408T012217_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_220180408T013527_20180408T020326_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_220180408T022730_20180408T030140_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_2_20180408T040653_20180408T044107_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_220180408T045309_20180408T051310_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_20180408T054511_20180408T061850_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_220180408T062633_20180408T063028_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180408T063229_20180408T070844_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_220180408T072832_20180408T073551_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_20180408T074032_20180408T075817_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_220180408T081544_20180408T082853_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_220180408T083106_20180408T084305_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_20180408T091027_20180408T092052_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_220180408T092231_20180408T093732_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_220180408T100019_20180408T100507_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_20180408T101136_20180408T101444_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_220180408T101607_20180408T102316_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
CS_OFFL_SIR_LRM_220180408T105453_20180408T111636_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_220180408T112937_20180408T115349_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_220180408T123031_20180408T125612_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_20180408T123031_20180408T125612_C001 CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001		
	Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2)	records
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001	Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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 for one or more
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001 CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001	Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Herracker 2), Height Error (Herracker 2),	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 for one or more records  There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Pastracker 2)  Height Error (Retracker 2), Backscatter	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 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
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001	Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Patracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 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
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Patracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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 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  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
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001 CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001 CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001 CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001 CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001 CS_OFFL_SIR_LRM_2_20180408T144812_20180408T152247_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Patrackar 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter	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 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  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 for one or more records
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CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T144812_20180408T152247_C001  CS_OFFL_SIR_LRM_2_20180408T153606_20180408T153707_C001  CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T161523_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Patracker 3), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 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  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 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
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CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T144812_20180408T152247_C001  CS_OFFL_SIR_LRM_2_20180408T153606_20180408T153707_C001  CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T161523_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T162741_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T165318_20180408T170243_C001  CS_OFFL_SIR_LRM_2_20180408T165318_20180408T170243_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Patracker 3), Backscatter Error (Patracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 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  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 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  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 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
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T144812_20180408T152247_C001  CS_OFFL_SIR_LRM_2_20180408T153606_20180408T153707_C001  CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T162741_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T165318_20180408T170243_C001  CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001  CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001  CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retr	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 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  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 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  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 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  There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T144812_20180408T152247_C001  CS_OFFL_SIR_LRM_2_20180408T153606_20180408T1523707_C001  CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T161523_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T162741_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T165318_20180408T170243_C001  CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001  CS_OFFL_SIR_LRM_2_20180408T172237_20180408T172252_C001  CS_OFFL_SIR_LRM_2_20180408T172617_20180408T173113_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Patracker 3), Backscatter Error (Patracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 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  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 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  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 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  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 for one or more records
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T144812_20180408T152247_C001  CS_OFFL_SIR_LRM_2_20180408T153606_20180408T153707_C001  CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T162741_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T165318_20180408T170243_C001  CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001  CS_OFFL_SIR_LRM_2_20180408T172237_20180408T172252_C001  CS_OFFL_SIR_LRM_2_20180408T172617_20180408T173113_C001  CS_OFFL_SIR_LRM_2_20180408T172617_20180408T173924_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Patracker 3), Backscatter Error (Patracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 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  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 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  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 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  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 for one or more records
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T144812_20180408T152247_C001  CS_OFFL_SIR_LRM_2_20180408T153606_20180408T152707_C001  CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T162741_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T165318_20180408T170243_C001  CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001  CS_OFFL_SIR_LRM_2_20180408T172237_20180408T171313_C001  CS_OFFL_SIR_LRM_2_20180408T172617_20180408T173924_C001  CS_OFFL_SIR_LRM_2_20180408T173325_20180408T173924_C001  CS_OFFL_SIR_LRM_2_20180408T173325_20180408T175429_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Patracker 3), Backscatter Error (Patracker 3), Backscatter Error (Patracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 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  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 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  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 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  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 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  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 for one or more records
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001 CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001 CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001 CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001 CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001 CS_OFFL_SIR_LRM_2_20180408T143729_20180408T152247_C001 CS_OFFL_SIR_LRM_2_20180408T153606_20180408T1523707_C001 CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001 CS_OFFL_SIR_LRM_2_20180408T160547_20180408T161523_C001 CS_OFFL_SIR_LRM_2_20180408T160547_20180408T165033_C001 CS_OFFL_SIR_LRM_2_20180408T162741_20180408T165033_C001 CS_OFFL_SIR_LRM_2_20180408T165318_20180408T170243_C001 CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001 CS_OFFL_SIR_LRM_2_20180408T172237_20180408T173113_C001 CS_OFFL_SIR_LRM_2_20180408T172617_20180408T173113_C001 CS_OFFL_SIR_LRM_2_20180408T173325_20180408T173924_C001 CS_OFFL_SIR_LRM_2_20180408T174111_20180408T175429_C001 CS_OFFL_SIR_LRM_2_20180408T174111_20180408T175429_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Patracker 3), Backscatter Error (Patracker 3), Backscatter Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3)	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 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  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 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  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 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  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 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  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 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 reco
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T153606_20180408T152247_C001  CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T16523_C001  CS_OFFL_SIR_LRM_2_20180408T162741_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T165318_20180408T170243_C001  CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001  CS_OFFL_SIR_LRM_2_20180408T172237_20180408T172252_C001  CS_OFFL_SIR_LRM_2_20180408T172617_20180408T173113_C001  CS_OFFL_SIR_LRM_2_20180408T173325_20180408T173924_C001  CS_OFFL_SIR_LRM_2_20180408T173112_20180408T175429_C001  CS_OFFL_SIR_LRM_2_20180408T174111_20180408T175429_C001  CS_OFFL_SIR_LRM_2_20180408T174111_20180408T183920_C001  CS_OFFL_SIR_LRM_2_20180408T180715_20180408T183920_C001  CS_OFFL_SIR_LRM_2_20180408T180715_20180408T192856_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Patracker 3), Backscatter Error (Patracker 2), Height Error (Retracker 2), Backscatter Error (Retracker	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 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  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 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  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 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  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 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  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 for one or more records
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001  CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001  CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001  CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001  CS_OFFL_SIR_LRM_2_20180408T153606_20180408T152247_C001  CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001  CS_OFFL_SIR_LRM_2_20180408T160547_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T162741_20180408T165033_C001  CS_OFFL_SIR_LRM_2_20180408T162741_20180408T170243_C001  CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001  CS_OFFL_SIR_LRM_2_20180408T172237_20180408T172252_C001  CS_OFFL_SIR_LRM_2_20180408T172617_20180408T173113_C001  CS_OFFL_SIR_LRM_2_20180408T173325_20180408T173924_C001  CS_OFFL_SIR_LRM_2_20180408T173112_20180408T175429_C001  CS_OFFL_SIR_LRM_2_20180408T174111_20180408T175429_C001  CS_OFFL_SIR_LRM_2_20180408T190436_20180408T192856_C001  CS_OFFL_SIR_LRM_2_20180408T190436_20180408T192856_C001  CS_OFFL_SIR_LRM_2_20180408T190436_20180408T194028_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Patracker 3), Backscatter Error (Patracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Back	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 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  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 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  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 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  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 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  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 Retracke
CS_OFFL_SIR_LRM_2_20180408T130300_20180408T130626_C001 CS_OFFL_SIR_LRM_2_20180408T130841_20180408T132056_C001 CS_OFFL_SIR_LRM_2_20180408T132633_20180408T134223_C001 CS_OFFL_SIR_LRM_2_20180408T140644_20180408T142644_C001 CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001 CS_OFFL_SIR_LRM_2_20180408T143729_20180408T144533_C001 CS_OFFL_SIR_LRM_2_20180408T153606_20180408T152247_C001 CS_OFFL_SIR_LRM_2_20180408T155741_20180408T160541_C001 CS_OFFL_SIR_LRM_2_20180408T160547_20180408T161523_C001 CS_OFFL_SIR_LRM_2_20180408T160547_20180408T165033_C001 CS_OFFL_SIR_LRM_2_20180408T162741_20180408T165033_C001 CS_OFFL_SIR_LRM_2_20180408T165318_20180408T170243_C001 CS_OFFL_SIR_LRM_2_20180408T171432_20180408T171516_C001 CS_OFFL_SIR_LRM_2_20180408T172237_20180408T173113_C001 CS_OFFL_SIR_LRM_2_20180408T172617_20180408T173113_C001 CS_OFFL_SIR_LRM_2_20180408T173325_20180408T173924_C001 CS_OFFL_SIR_LRM_2_20180408T174111_20180408T175429_C001 CS_OFFL_SIR_LRM_2_20180408T179111_20180408T1792856_C001 CS_OFFL_SIR_LRM_2_20180408T190436_20180408T192856_C001 CS_OFFL_SIR_LRM_2_20180408T190436_20180408T194028_C001 CS_OFFL_SIR_LRM_2_20180408T193833_20180408T194028_C001 CS_OFFL_SIR_LRM_2_20180408T193833_20180408T194028_C001	Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Patracker 3), Backscatter Error (Patracker 3), Backscatter Error (Retracker 2)  Surface Model Unavailable  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2)	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 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  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 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  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 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  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 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 for one or more records  There is a height and backscatter error for Retracke

CS OFFL SIR LRM 2 20180408T212614 20180408T214120 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
C3_011 L_3IN_LNW_2_201004001212014_201004001214120_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records
CS_OFFL_SIR_LRM_220180408T214259_20180408T214544_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_220180408T221947_20180408T222657_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_220180408T222820_20180408T225242_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_220180408T225455_20180408T230347_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180408T230547_20180408T232958_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_SIN_220180408T003445_20180408T003509_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_220180408T003608_20180408T003636_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_220180408T012333_20180408T012516_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180408T012619_20180408T012804_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T013252_20180408T013300_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T013404_20180408T013527_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T030343_20180408T030713_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T031243_20180408T031400_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T044253_20180408T044614_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T045129_20180408T045253_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T053314_20180408T053502_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T062001_20180408T062153_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T063028_20180408T063138_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T070907_20180408T071012_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T071300_20180408T071407_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T075817_20180408T075955_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T080728_20180408T080925_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T085105_20180408T085321_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_220180408T093732_20180408T093920_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T094442_20180408T094448_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T094603_20180408T095257_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T102646_20180408T103159_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_220180408T111638_20180408T111939_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T112340_20180408T112346_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T112611_20180408T112855_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T125612_20180408T125728_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T130254_20180408T130300_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T130626_20180408T130747_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T135453_20180408T135528_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_220180408T143605_20180408T143729_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T144533_20180408T144645_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T161538_20180408T161704_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T162220_20180408T162525_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T175523_20180408T175833_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T180121_20180408T180504_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T185227_20180408T185601_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T193558_20180408T193833_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T194028_20180408T194245_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T194523_20180408T194654_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T203106_20180408T203225_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T203619_20180408T203745_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS OFFL SIR SIN 2 20180408T211054 20180408T211711 C001	SARIn X-track Angle Error	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
CS_OFFL_SIR_SIN_220180408T211945_20180408T212007_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20180408T211945_20180408T212007_C001  CS_OFFL_SIR_SIN_2_20180408T212434_20180408T212614_C001	SARIn X-track Angle Error SARIn X-track Angle Error	

CS_OFFL_SIR_SIN_220180408T225319_20180408T225455_C001		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T230347_20180408T230547_C001	ISARIN X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180408T234954_20180408T235439_C001	9	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records

# 6. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_LRM_1B	149	149	149	0	0
SIR_LRM_2	147	147	147	0	0
SIR_LRMI2_	147	147	147	0	0
SIR_SAR_1B	99	99	99	0	0
SIR_SAR_2	99	99	99	0	0
SIR_SARI2_	99	99	99	0	0
SIR_SIN_1B	104	104	104	0	0
SIR_SIN_2	104	104	104	0	0
SIR_SINI2	104	104	104	0	0
SIR GDR 2	14	14	14	0	0

## 6.1 QCC Errors

Number of products with QCC errors:

0

### 6.2 QCC Warnings

Number of QCC reports with warnings

0

### 6.2 Missing QCC Reports

Number of products with missing QCC reports:

174