



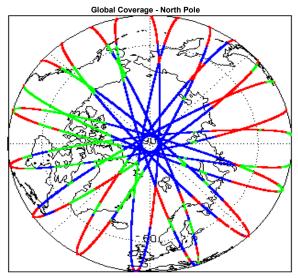
1. Overview

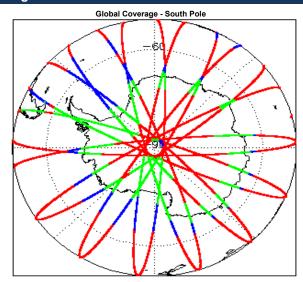
Report Production Date:	11-May-2018			
Processor Used:	CryoSat Ice Processor			
Data Used:	L1B and L2 OFFLINE Data			

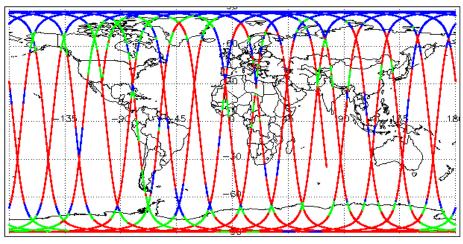
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	Nominal
L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5

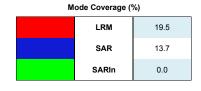
Mission / Instru	ment News
11-Apr-2018	None
12-Apr-2018	None
13-Apr-2018	Nothing planned

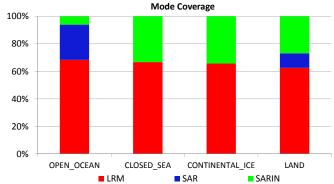
2. Global Coverage

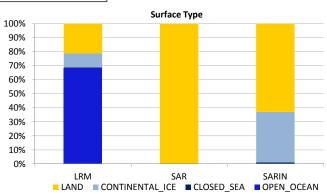












3. Instrument Configuration

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

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

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:

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: 0

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_20180412T031829_20180412T032803_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:

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: 101

Product	Test Failed	Description
	_ ` ` ` . ` `	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220180412T004930_20180412T010010_C001	_	There is a height and backscatter error for Retracker 2 for one or more records

CS OFFL SIR LRM 2 20180412T010548 20180412T011700 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180412T010346_20180412T01700_C001 CS_OFFL_SIR_LRM_220180412T013041_20180412T020008_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180412T020716_20180412T020825_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20180412T022223_20180412T025607_C001	(Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180412T031829_20180412T032803_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180412T034609_20180412T034617_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180412T034627_20180412T034928_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180412T040142_20180412T041021_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records
CS_OFFL_SIR_LRM_220180412T041305_20180412T043530_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_220180412T044839_20180412T050813_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180412T054007_20180412T061341_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180412T063223_20180412T070347_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180412T072353_20180412T073058_C001	Error (Retracker 2), Backscatter Height Error (Retracker 2), Backscatter	records
CS_OFFL_SIR_LRM_220180412T073540_20180412T073652_C001	Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220180412T073655_20180412T075314_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_220180412T081036_20180412T082400_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_220180412T082613_20180412T083830_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_220180412T090536_20180412T091559_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_220180412T091739_20180412T093210_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_220180412T095356_20180412T100035_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_220180412T100524_20180412T100951_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_220180412T101234_20180412T101822_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_220180412T104910_20180412T111128_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_220180412T112504_20180412T115257_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_220180412T122540_20180412T125114_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_220180412T125807_20180412T130133_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180412T125807_20180412T130133_C001 CS_OFFL_SIR_LRM_220180412T130443_20180412T131602_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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
CS_OFFL_SIR_LRM_220180412T130443_20180412T131602_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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
CS_OFFL_SIR_LRM_220180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_220180412T132140_20180412T133752_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	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_220180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_220180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_220180412T140745_20180412T142059_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	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_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2),	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_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 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 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter 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 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter 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 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)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter 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 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T171301_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T171301_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T172233_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height 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 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) 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)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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 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_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T17301_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T172233_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T173431_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retrack	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 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_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T14353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T17301_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T172233_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height 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 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 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 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_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T171301_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T172233_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T180323_20180412T183538_C001 CS_OFFL_SIR_LRM_2_20180412T180323_20180412T192402_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Burface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter 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), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 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
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T14353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T171301_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T17233_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T180323_20180412T183538_C001 CS_OFFL_SIR_LRM_2_20180412T185215_20180412T193535_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter 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 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter 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), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 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
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T14353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T17301_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T172233_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T180323_20180412T183538_C001 CS_OFFL_SIR_LRM_2_20180412T185215_20180412T192402_C001 CS_OFFL_SIR_LRM_2_20180412T185215_20180412T193535_C001 CS_OFFL_SIR_LRM_2_20180412T193339_20180412T193535_C001 CS_OFFL_SIR_LRM_2_20180412T193339_20180412T194040_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height 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 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter 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 2) Height Error (Retracker 2), 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 3), Backscatter Error (Retracker 3) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3) Height Error (Retracker 2), 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)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 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 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T17301_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T172233_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T180323_20180412T183538_C001 CS_OFFL_SIR_LRM_2_20180412T180323_20180412T192402_C001 CS_OFFL_SIR_LRM_2_20180412T193339_20180412T193535_C001 CS_OFFL_SIR_LRM_2_20180412T193339_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter 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 2) Height Error (Retracker 2), Backscatter 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), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T14353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T171301_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T17233_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T180323_20180412T192402_C001 CS_OFFL_SIR_LRM_2_20180412T185215_20180412T193535_C001 CS_OFFL_SIR_LRM_2_20180412T193339_20180412T193535_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T201057_C001 CS_OFFL_SIR_LRM_2_20180412T194224_20180412T204838_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 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 2) Height Error (Retracker 2), Backscatter 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 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) Height Error (Retracker 2), Backscatter 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), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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 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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T144353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T154331_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T154425_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T17301_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T17301_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T172233_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T180323_20180412T192402_C001 CS_OFFL_SIR_LRM_2_20180412T185215_20180412T193535_C001 CS_OFFL_SIR_LRM_2_20180412T193339_20180412T193535_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T201057_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T204838_C001 CS_OFFL_SIR_LRM_2_20180412T193632_20180412T204838_C001 CS_OFFL_SIR_LRM_2_20180412T193632_20180412T204838_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height 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 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records 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 Retr
CS_OFFL_SIR_LRM_2_20180412T130443_20180412T131602_C001 CS_OFFL_SIR_LRM_2_20180412T132140_20180412T133752_C001 CS_OFFL_SIR_LRM_2_20180412T140745_20180412T142059_C001 CS_OFFL_SIR_LRM_2_20180412T143240_20180412T144038_C001 CS_OFFL_SIR_LRM_2_20180412T14353_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T151749_C001 CS_OFFL_SIR_LRM_2_20180412T155306_20180412T161007_C001 CS_OFFL_SIR_LRM_2_20180412T162328_20180412T164540_C001 CS_OFFL_SIR_LRM_2_20180412T164824_20180412T165754_C001 CS_OFFL_SIR_LRM_2_20180412T170912_20180412T17301_C001 CS_OFFL_SIR_LRM_2_20180412T172120_20180412T172233_C001 CS_OFFL_SIR_LRM_2_20180412T172825_20180412T173431_C001 CS_OFFL_SIR_LRM_2_20180412T180323_20180412T183538_C001 CS_OFFL_SIR_LRM_2_20180412T185215_20180412T192402_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T193535_C001 CS_OFFL_SIR_LRM_2_20180412T193739_20180412T194040_C001 CS_OFFL_SIR_LRM_2_20180412T194224_20180412T204838_C001 CS_OFFL_SIR_LRM_2_20180412T194224_20180412T204838_C001 CS_OFFL_SIR_LRM_2_20180412T21143_20180412T211454_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter 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), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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 Retr

So OFFL_SIR_LRM_2_201804127223272_001604127232849_0001 So OFFL_SIR_LRM_2_201804127232013_201804127232800_0001 So OFFL_SIR_LRM_2_201804127230113_201804127232800_0001 So OFFL_SIR_LRM_2_201804127230113_201804127232800_0001 So OFFL_SIR_LRM_2_201804127230113_201804127232800_0001 So OFFL_SIR_LRM_2_201804127230113_201804127233005_0001 So OFFL_SIR_SIN_2_201804127002942_201804127003012_0001 So OFFL_SIR_SIN_2_201804127002942_201804127003012_0001 So OFFL_SIR_SIN_2_201804127002942_201804127003012_0001 So OFFL_SIR_SIN_2_201804127011902_001804127012026_0001 So OFFL_SIR_SIN_2_20180412701219_001804127012026_0001 So OFFL_SIR_SIN_2_20180412701219_001804127012014_0001 So OFFL_SIR_SIN_2_20180412701297_201804127013014_0001 So OFFL_SIR_SIN_2_20180412701297_201804127013014_0001 So OFFL_SIR_SIN_2_20180412701297_201804127003012_0001 So OFFL_SIR_SIN_2_20180412701297_201804127003012_0001 So OFFL_SIR_SIN_2_20180412701297_201804127003012_0001 So OFFL_SIR_SIN_2_2018041270297_201804127003012_0001 So OFFL_SIR_SIN_2_201804127003747_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003747_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003747_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003747_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003747_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003747_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003742_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003742_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003742_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003024_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003742_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003742_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003024_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003024_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003024_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003024_201804127003002_0001 So OFFL_SIR_SIN_2_201804127003024_201804127005002_0001 So OFFL_SIR_SIN_2_201804127003024_201804127005002_0001 So OFFL_SIR_SIN_2_201804127000020_20180
CS_OFFL_SIR_LRM_2_20180412T233618_20180412T233600_C001 CS_OFFL_SIR_LRM_2_20180412T233618_20180412T233705_C001 CS_OFFL_SIR_SIN_2_20180412T030942_20180412T030312_C001 CS_OFFL_SIR_SIN_2_20180412T002942_20180412T003012_C001 CS_OFFL_SIR_SIN_2_20180412T01906_20180412T012026_C001 CS_OFFL_SIR_SIN_2_20180412T012919_20180412T012026_C001 CS_OFFL_SIR_SIN_2_20180412T012919_20180412T012026_C001 CS_OFFL_SIR_SIN_2_20180412T012919_20180412T012005_C001 CS_OFFL_SIR_SIN_2_20180412T012919_20180412T010001 CS_OFFL_SIR_SIN_2_20180412T012919_20180412T010001 CS_OFFL_SIR_SIN_2_20180412T025864_20180412T003004_C001 CS_OFFL_SIR_SIN_2_20180412T025864_20180412T003005_C001 CS_OFFL_SIR_SIN_2_20180412T0300747_20180412T003006_C001 CS_OFFL_SIR_SIN_2_20180412T0300747_20180412T003006_C001 CS_OFFL_SIR_SIN_2_20180412T0300747_20180412T0419_C001 CS_OFFL_SIR_SIN_2_20180412T0300747_20180412T0419_C001 CS_OFFL_SIR_SIN_2_20180412T0300747_20180412T044500_C001 CS_OFFL_SIR_SIN_2_20180412T044037_20180412T044500_C001 CS_OFFL_SIR_SIN_2_20180412T044037_20180412T044500_C001 CS_OFFL_SIR_SIN_2_20180412T044037_20180412T044500_C001 CS_OFFL_SIR_SIN_2_20180412T0645238_20180412T06543_C001 CS_OFFL_SIR_SIN_2_20180412T06456_20180412T06543_C001 CS_OFFL_SIR_SIN_2_20180412T06456_20180412T06543_C001 CS_OFFL_SIR_SIN_2_20180412T06456_20180412T06543_C001 CS_OFFL_SIR_SIN_2_20180412T065632_0001 CS_OFFL_SIR_SIN_2_20180412T065632_0001 CS_OFFL_SIR_SIN_2_20180412T065632_0001 CS_OFFL_SIR_SIN_2_20180412T0605632_0001 CS_OFFL_SIR_SIN_2_201804
Retractor 2) CS_OFFL_SIR_LRM_2_20180412T233618_20180412T233705_C001 CS_OFFL_SIR_SIN_2_20180412T002842_20180412T003012_C001 SARIN_Xtrack_Angle_Error. Surface Model Unavailable Error (Retractor 2) SARIN_Xtrack_Angle_Error (Retractor 2) SARIN_Xtrack_An
Internative 3 Balacicater Entro Post Company Internative 3 Balacicater Entro Post Company Internative 4 SAPIn X-track Angle Error SAPIn X-track Angle Er
Model Unavailable Model Unavailable Model Unavailable Model Unavailable Model Was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error SARIN X-track Angle Er
CS_OFFL_SIR_SIN_2_20180412T012119_20180412T012311_CO01 SARIN X-track Angle Error SARIN X-track Angle
SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T025854_20180412T03041_C001 SARIN X-track Angle Error SARIN X-track Angle
SARIN X-track Angle Error SARIN X-track Angle E
SARIN X-track Angle Error records SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error Fecords An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for
CS_OFFL_SIR_SIN_2_20180412T043758_20180412T044419_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 records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle
CS_OFFL_SIR_SIN_2_20180412T044637_20180412T044800_C001 SARIN X-track Angle Error An ambiguous angle
CS_OFFL_SIR_SIN_2_20180412T094357_20180412T094000_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
CS_OFFL_SIR_SIN_2_20180412T061456_20180412T061643_C001 CS_OFFL_SIR_SIN_2_20180412T062524_20180412T062643_C001 CS_OFFL_SIR_SIN_2_20180412T070405_20180412T070510_C001 CS_OFFL_SIR_SIN_2_20180412T070405_20180412T070510_C001 CS_OFFL_SIR_SIN_2_20180412T070405_20180412T070510_C001 CS_OFFL_SIR_SIN_2_20180412T070808_20180412T070912_C001 CS_OFFL_SIR_SIN_2_20180412T070808_20180412T070912_C001 CS_OFFL_SIR_SIN_2_20180412T075326_20180412T0705502_C001 CS_OFFL_SIR_SIN_2_20180412T075326_20180412T0705502_C001 CS_OFFL_SIR_SIN_2_20180412T080051_20180412T080054_C001 CS_OFFL_SIR_SIN_2_20180412T080051_20180412T0800433_C001 CS_OFFL_SIR_SIN_2_20180412T0800232_20180412T0800433_C001 CS_OFFL_SIR_SIN_2_20180412T0804611_20180412T080433_C001 CS_OFFL_SIR_SIN_2_20180412T0804611_20180412T084826_C001 CS_OFFL_SIR_SIN_2_20180412T0804241_20180412T0804282_C001 CS_OFFL_SIR_SIN_2_20180412T0804241_20180412T0804282_C001 CS_OFFL_SIR_SIN_2_20180412T0804241_20180412T080428_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T093428_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T093428_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T093428_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T093428_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T093428_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T093428_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T093428_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T0934804_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T0934804_C001 CS_OFFL_SIR_SIN_2_20180412T093241_20180412T0934804_C001 CS_OFFL_SIR_SIN_2_20180412T093109_20180412T094804_C001 CS_OFFL_SIR_SIN_2_20180412T093109_20180412T094804_C001 CS_OFFL_SIR_SIN_2_20180412T093109_20180412T094804_C001 CS_OFFL_SIR_SIN_2_20180412T0930949_20180412T094804_C001 CS_OFFL_SIR_SIN_2_20180412T0930949_20180412T09700_C001 CS_OFFL_SIR_SIN_2_20180412T09109_20180412T09700_C001 CS_OFFL_SIR_SIN_2_20180412T09109_20180412T09700_C001 CS_OFFL_SIR_SIN_2_20180412T09109_20180412T09700_C001 CS_OFFL_SIR_SIN_2_20180412T09109_20180412T09700_C001 CS_OFFL_SIR_SIN_2_2018
CS_OFFL_SIR_SIN_2_20180412T061945_20180412T062643_C001 CS_OFFL_SIR_SIN_2_20180412T070405_20180412T070510_C001 SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T070808_20180412T070912_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 records An ambiguous angle was detected f
CS_OFFL_SIR_SIN_2_20180412T062524_20180412T070510_C001 SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T070808_20180412T070912_C001 SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T075326_20180412T075502_C001 SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T080051_20180412T080054_C001 SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T080051_20180412T080054_C001 SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T080232_20180412T080433_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 records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records
CS_OFFL_SIR_SIN_2_20180412T070808_20180412T079912_C001 SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T075326_20180412T075502_C001 SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T080051_20180412T080054_C001 SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20180412T080232_20180412T080433_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 records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous
CS_OFFL_SIR_SIN_2_20180412T076326_20180412T075502_C001 SARIN X-track Angle Error SARIN X-track Angle Error, Surface Model Unavailable 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 and no DEM or Slop Model Was used for one or more records An ambiguous angle was detected for SARIN mode and no DEM or Slop Model Was used for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records
CS_OFFL_SIR_SIN_2_20180412T075326_20180412T080054_C001 SARIN X-track Angle Error SARIN X-track Angle Error, Surface Model Unavailable 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 and no DEM or Slop Model was used for one or more records An ambiguous angle was detected for SARIN mode for one or more records
CS_OFFL_SIR_SIN_2_20180412T080051_20180412T080054_C001 SARIN X-track Angle Error SARIN X-track Angle Error, Surface Model Unavailable SARIN X-track Angle Error, Surface Model Unavailable SARIN X-track Angle Error An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode and no DEM or Slop Model Was used for one or more records An ambiguous angle was detected for SARIN mode and no DEM or Slop Model Was used for one or more records An ambiguous angle was detected for SARIN mode and no DEM or Slop Model Was used for one or more records
CS_OFFL_SIR_SIN_2_20180412T080232_20180412T080433_C001 SARIN X-track Angle Error, Surface Model Unavailable 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 and no DEM or Slop Model was used for one or more records An ambiguous angle was detected for SARIN mode for one or more records
SARIN X-track Angle Error, Surface Model Unavailable SARIN X-track Angle Error, Surface Model Unavailable SARIN X-track Angle Error An ambiguous angle was detected for SARIN mode and no DEM or Slop Model Was used for one or more records An ambiguous angle was detected for SARIN mode and no DEM or Slop Model Was used for one or more records
CS_OFFL_SIR_SIN_2_20180412T093241_20180412T093428_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 and no DEM or Slop Model was used for one or more records An ambiguous angle was detected for SARIN mode and no DEM or Slop Model was used for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records
CS_OFFL_SIR_SIN_2_20180412T093949_20180412T093955_C001 SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slop Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slop Model was used for one or more records
CS_OFFL_SIR_SIN_2_20180412T094109_20180412T094804_C001 SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable An ambiguous angle was detected for SARIn mode and no DEM or Slop Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slop Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slop Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slop Model was used for one or more records
CS_OFFL_SIR_SIN_2_20180412T102150_20180412T102700_C001 SARIn X-track Angle Error, Surface Model Unavailable Model Unavailable SARIn X-track Angle Error, Surface Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slop Model Unavailable An ambiguous angle was detected for SARIn mode for one or more
An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220180412T111847_20180412T111853_C001 SARIn X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180412T112146_20180412T112405_C001SARIn_X-track_Angle_ErrorAn ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2 _20180412T125114 _20180412T125240_C001 SARIn X-track Angle Error SARIn single Link records
CS_OFFL_SIR_SIN_2_20180412T130134_20180412T130256_C001 SARIn X-track Angle Error SARIn X-track Angle Error
CS_OFFL_SIR_SIN_2_20180412T134958_20180412T135034_C001 SARIN X-tack Angle Error, Surface Anaptiguous angle was detected for SARIn mode and no DEM or Slop Madd Use a records Anaptiguous angle was detected for SARIn mode and no DEM or Slop Madd Use a records
CS_OFFL_SIR_SIN_2_20180412T143316_20180412T143340_C001SARIn_X-track Angle ErrorAn ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180412T144038_20180412T144150_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180412T161047_20180412T161212_C001SARIn_X-track_Angle_ErrorAn ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2 _20180412T161727_20180412T162030_C001 SARIn X-track Angle Error SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180412T175045_20180412T175352_C001SARIn_X-track_Apole ErrorAn ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180412T175628_20180412T180139_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180412T179026_20180412T180139_C001 SARIM A-track Angle Error An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180412T193105_20180412T193339_C001 SARIM A-track Angle Error An ambiguous angle was detected for SARIn mode for one or more
An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_201604121193035_201604121193739_C001 SARIII X-tlack Aligie Eillol records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_201804121194040_201804121194202_C001 SARIN X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_201604121202013_201604121202130_C001 SARIII X-tlack Aligie Ellol records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_201604121202990_201604121203231_C001 SARIII X-tlack Aligie Eillol records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_201804121210603_201804121211213_C001 SARIN X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_201604121211494_201604121211912_C001 SARIII X-tlack Aligie Eillol records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_201804121211940_20180412121222_C001 SARIN X-track Angle Error records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIR_2_201004121220345_201004121220750_C001 SARIII A-track Angle Error Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_2_201804121220848_201804121221115_C001 Model Unavailable Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180412T224824_20180412T225005_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 records
CS_OFFL_SIR_SIN_2_20180412T225849_20180412T230043_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode 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	148	148	148	0	0
SIR_LRM_2	146	146	146	0	0
SIR_LRMI2_	146	146	146	0	0
SIR_SAR_1B	100	100	100	0	0
SIR_SAR_2	100	100	100	0	0
SIR_SARI2_	100	100	100	0	0
SIR_SIN_1B	105	105	105	0	0
SIR_SIN_2	105	105	105	0	0
SIR_SINI2	105	105	105	0	0
SIR_GDR_2	15	15	15	0	0

6 1	0	CC	Fr	r۸	re

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:

161