





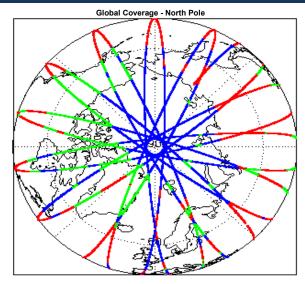
1. Overview

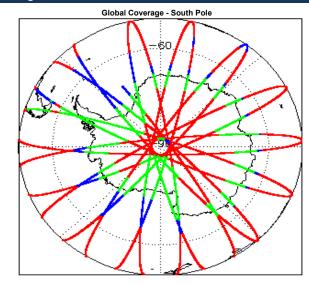
Report Production Date:	10-Feb-2016	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

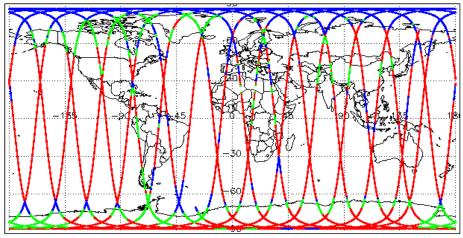
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Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2 and 5.2
Star Tracker Usage Check	Nominal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

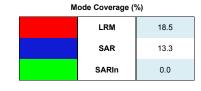
N	Mission / Instrument News		
	11-Jan-2016	None	
	12-Jan-2016	None	
	13-Jan-2016	Nothing planned	

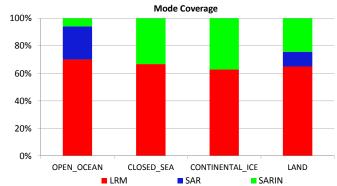
2. Global Coverage

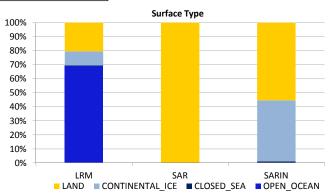












3. Instrument Configuration

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:

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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_20160112T195217_20160112T195219_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:

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_20160112T233043_20160112T234708_C001	IECDO EFFOR LEK ECDO EFFOR	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_220160112T195217_20160112T195219_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:

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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: 10

CS_OFFL_SIR_LRM_2_20160112T002000_20160112T003734_C001 CS_OFFL_SIR_LRM_2_20160112T002000_20160112T003734_C001 CS_OFFL_SIR_LRM_2_20160112T005452_20160112T010815_C001 CS_OFFL_SIR_LRM_2_20160112T011029_20160112T012227_C001 CS_OFFL_SIR_LRM_2_20160112T014956_20160112T020020_C001 CS_OFFL_SIR_LRM_2_20160112T020159_20160112T021625_C001 CS_OFFL_SIR_LRM_2_20160112T023809_20160112T024451_C001 CS_OFFL_SIR_LRM_2_20160112T024937_20160112T025407_C001 CS_OFFL_SIR_LRM_2_20160112T024937_20160112T030238_C001 CS_OFFL_SIR_LRM_2_20160112T025650_20160112T030238_C001 CS_OFFL_SIR_LRM_2_20160112T033301_20160112T035554_C001 CS_OFFL_SIR_LRM_2_20160112T040920_20160112T043706_C001 CS_OFFL_SIR_LRM_2_20160112T054921_20160112T053522_C001 CS_OFFL_SIR_LRM_2_20160112T054225_20160112T054551_C001 CS_OFFL_SIR_LRM_2_20160112T054921_20160112T062209_C001	Height Error (Retracker 2), Height 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 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), 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) 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 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 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 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 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
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CS_OFFL_SIR_LRM_220160112T024937_20160112T025407_C001 CS_OFFL_SIR_LRM_220160112T024937_20160112T025407_C001 CS_OFFL_SIR_LRM_220160112T025650_20160112T030238_C001 CS_OFFL_SIR_LRM_220160112T033301_20160112T035554_C001 CS_OFFL_SIR_LRM_220160112T040920_20160112T043706_C001 CS_OFFL_SIR_LRM_220160112T051127_20160112T053522_C001 CS_OFFL_SIR_LRM_220160112T054225_20160112T054551_C001 CS_OFFL_SIR_LRM_220160112T054921_20160112T062209_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20160112T024937_20160112T025407_C001 CS_OFFL_SIR_LRM_2_20160112T025650_20160112T030238_C001 CS_OFFL_SIR_LRM_2_20160112T033301_20160112T035554_C001 CS_OFFL_SIR_LRM_2_20160112T040920_20160112T043706_C001 CS_OFFL_SIR_LRM_2_20160112T051127_20160112T053522_C001 CS_OFFL_SIR_LRM_2_20160112T054225_20160112T054551_C001 CS_OFFL_SIR_LRM_2_20160112T054921_20160112T062209_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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 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
CS_OFFL_SIR_LRM_2_20160112T033301_20160112T035554_C001 CS_OFFL_SIR_LRM_2_20160112T033301_20160112T035554_C001 CS_OFFL_SIR_LRM_2_20160112T040920_20160112T043706_C001 CS_OFFL_SIR_LRM_2_20160112T051127_20160112T053522_C001 CS_OFFL_SIR_LRM_2_20160112T054225_20160112T054551_C001 CS_OFFL_SIR_LRM_2_20160112T054921_20160112T062209_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There 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 No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20160112T040920_20160112T043706_C001 CS_OFFL_SIR_LRM_2_20160112T051127_20160112T053522_C001 CS_OFFL_SIR_LRM_2_20160112T054225_20160112T054551_C001 CS_OFFL_SIR_LRM_2_20160112T054921_20160112T062209_C001 CS_OFFL_SIR_LRM_2_20160112T054921_20160112T062209_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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 No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20160112T040920_20160112T043706_C001 CS_OFFL_SIR_LRM_2_20160112T051127_20160112T053522_C001 CS_OFFL_SIR_LRM_2_20160112T054225_20160112T054551_C001 CS_OFFL_SIR_LRM_2_20160112T054921_20160112T062209_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20160112T051127_20160112T053522_C001 CS_OFFL_SIR_LRM_2_20160112T054225_20160112T054551_C001 CS_OFFL_SIR_LRM_2_20160112T054921_20160112T062209_C001 CS_OFFL_SIR_LRM_2_20160112T064647_20160112T065431_C001	(Retracker 3), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160112T054921_20160112T062209_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	· ·
CS_OFFL_SIR_LRM_2201601121054921_201601121052209_C001 CS_OFFL_SIR_LRM_2201601127064647_201601127065431_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
		records
	Lifer (NoticeNot 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2201601121072842_201601121080156_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_Z201001121062751_201001121062645_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_2201601121090729_201601121092955_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_2201601121093240_201601121094216_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	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_Z201601121100939_201601121101651_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	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_20160112T103811_20160112T104046_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2201601121104722_201601121112000_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_220160112T113623_20160112T120821_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_20160112T121758_20160112T121953_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160112T122156_20160112T122457_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160112T122620_20160112T124217_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_220160112T124228_20160112T125511_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_220160112T132025_20160112T133259_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_220160112T135632_20160112T135911_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	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_220160112T150747_20160112T153152_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

S_OFFL_SIR_LRM_2_20160112T154226_20160112T164306_CO01 S_OFFL_SIR_LRM_2_20160112T162035_20160112T162122_CO01 CS_OFFL_SIR_LRM_2_20160112T162035_20160112T162122_CO01 CS_OFFL_SIR_LRM_2_20160112T164223_20160112T171019_CO01 CS_OFFL_SIR_LRM_2_20160112T174022_20160112T175203_CO01 CS_OFFL_SIR_LRM_2_20160112T1740203_CO010112T184422_20160112T175203_CO01 CS_OFFL_SIR_LRM_2_20160112T191244_20160112T184922_CO01 CS_OFFL_SIR_LRM_2_20160112T19141422_20160112T192003_CO01 CS_OFFL_SIR_LRM_2_20160112T1914422_20160112T192003_CO01 CS_OFFL_SIR_LRM_2_20160112T1914422_20160112T192003_CO01 CS_OFFL_SIR_LRM_2_20160112T1914422_20160112T192003_CO01 CS_OFFL_SIR_LRM_2_20160112T1924609_20160112T202903_CO01 CS_OFFL_SIR_LRM_2_20160112T1924609_20160112T20203_CO01 CS_OFFL_SIR_LRM_2_20160112T1924609_20160112T20203_CO01 CS_OFFL_SIR_LRM_2_20160112T194424_20160112T20203_CO01 CS_OFFL_SIR_LRM_2_20160112T194424_20160112T20203_CO01 CS_OFFL_SIR_LRM_2_20160112T194424_20160112T20203_CO01 CS_OFFL_SIR_LRM_2_20160112T194424_20160112T20203_CO01 CS_OFFL_SIR_LRM_2_20160112T194424_20160112T20203_CO01 CS_OFFL_SIR_LRM_2_20160112T1944000_20160112T200400_CO01 CS_OFFL_SIR_LRM_2_20160112T204609_20160112T200400_CO01 CS_OFFL_SIR_LRM_2_20160112T23349_C0160112T204600_CO01 CS_OFFL_SIR_LRM_2_20160112T23349_C0160112T204600_CO01 CS_OFFL_SIR_LRM_2_20160112T233403_CO01 CS_OFFL_SIR_LRM_2_20160112T23547_CO01 CS_OFFL_SIR_LRM_2_20160112T23547_CO01 CS_OFFL_SIR_LRM_2_20160112T23547_CO01 CS_OFFL_SIR_LRM_2_20160112T23547_CO01 CS_OFFL_SIR_LRM_2_20160112T233039_CO01 CS_OFFL_SIR_LRM_2_20160112T235474_CO01 CS_OFFL_SIR_LRM_2_20160112T030342_0160112T235470_CO01 CS_OFFL_SIR_LRM_2_20160112T030342_CO04 CS_OFFL_SIR_
CS_OFFL_SIR_LRM_2_20160112T162035_20160112T171910_0001 CS_OFFL_SIR_LRM_2_20160112T164223_20160112T171910_0001 CS_OFFL_SIR_LRM_2_20160112T17402_20160112T175203_0001 CS_OFFL_SIR_LRM_2_20160112T17402_20160112T175203_0001 CS_OFFL_SIR_LRM_2_20160112T181746_20160112T184922_0001 CS_OFFL_SIR_LRM_2_20160112T181746_20160112T184922_0001 CS_OFFL_SIR_LRM_2_20160112T191242_20160112T192003_0001 CS_OFFL_SIR_LRM_2_20160112T191242_20160112T192003_0001 CS_OFFL_SIR_LRM_2_20160112T195426_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T195426_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T195426_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T195426_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T195426_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T204609_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T204609_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T213349_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T213349_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T2133349_20160112T20030_0001 CS_OFFL_SIR_LRM_2_20160112T2133349_20160112T204000_0001 CS_OFFL_SIR_LRM_2_20160112T2233349_20160112T20400_0001 CS_OFFL_SIR_LRM_2_20160112T2233349_20160112T225749_0001 CS_OFFL_SIR_LRM_2_20160112T2233349_20160112T225749_0001 CS_OFFL_SIR_LRM_2_20160112T2225742_0000112T225748_0001 CS_OFFL_SIR_LRM_2_20160112T2225742_0000112T225747_0001 CS_OFFL_SIR_LRM_2_20160112T225742_00160112T225747_0001 CS_OFFL_SIR_LRM_2_20160112T2231527_0160112T233030_0001 CS_OFFL_SIR_LRM_2_20160112T2235636_0010112T235636_0001 CS_OFFL_SIR_LRM_2_20160112T2335636_0001 CS_OFFL_SIR_LRM_2_20160112T2335636_0001 CS_OFFL_SIR_LRM_2_20160112T2335636_0001 CS_OFFL_SIR_LRM_2_20160112T2335636_0001 CS_OFFL_SIR_LRM_2_20160112T235636_0001012T235636_0001 CS_OFFL_SIR_LRM_2_20160112T235636_0001012T235636_0001 CS_OFFL_SIR_LRM_2_20160112T235636_0001012T235636_0001 CS_OFFL_SIR_LRM_2_20160112T235636_0001 CS_OFFL_SIR_LRM_2_20160112T235636_0001 CS_OFFL_SIR_LRM_2_20160112T235636_0001 CS_OFFL_SIR_LRM_2_20160112T235636_0001 CS_OFFL_SIR_LRM_2_20160112T235636_0001 CS_OFFL_SIR_L
CS_OFFL_SIR_LRM_2_20160112T161223_20160112T175203_CO01 CS_OFFL_SIR_LRM_2_20160112T175203_CO01 CS_OFFL_SIR_LRM_2_20160112T181746_20160112T184922_CO01 CS_OFFL_SIR_LRM_2_20160112T181746_20160112T184922_CO01 CS_OFFL_SIR_LRM_2_20160112T191242_20160112T184922_CO01 CS_OFFL_SIR_LRM_2_20160112T191242_20160112T182003_CO01 CS_OFFL_SIR_LRM_2_20160112T191242_20160112T192003_CO01 CS_OFFL_SIR_LRM_2_20160112T191242_20160112T192030_CO01 CS_OFFL_SIR_LRM_2_20160112T29303_CO01 CS_OFFL_SIR_LRM_2_20160112T20303_CO01 CS_OFFL_SIR_LRM_2_20160112T20303_CO01 CS_OFFL_SIR_LRM_2_20160112T20303_CO01 CS_OFFL_SIR_LRM_2_20160112T2133049_20160112T20303_CO01 CS_OFFL_SIR_LRM_2_20160112T213430_CO01 CS_OFFL_SIR_LRM_2_20160112T213430_CO01 CS_OFFL_SIR_LRM_2_20160112T213430_CO01 CS_OFFL_SIR_LRM_2_20160112T224588_CO0160112T224588_CO01 CS_OFFL_SIR_LRM_2_20160112T222488_CO0160112T2225740_CO01 CS_OFFL_SIR_LRM_2_20160112T2225740_CO01 CS_OFFL_SIR_LRM_2_20160112T2225740_CO01 CS_OFFL_SIR_LRM_2_20160112T225740_CO01 CS_OFFL_SIR_LRM_2_20160112T235030_CO01 CS_OFFL_SIR_LRM_2_20160112T235030_CO01 CS_OFFL_SIR_LRM_2_20160112T235030_CO01 CS_OFFL_SIR_LRM_2_20160112T235030_CO01 CS_OFFL_SIR_LRM_2_20160112T233030_CO01 CS_OFFL_SIR_LRM_2_20160112T235030_CO01 CS_OF
CS_OFFL_SIR_LRM_2_20160112T17402_20160112T175203_C001 CS_OFFL_SIR_LRM_2_20160112T18746_20160112T184922_C001 CS_OFFL_SIR_LRM_2_20160112T181746_20160112T184922_C001 CS_OFFL_SIR_LRM_2_20160112T191242_20160112T192003_C001 CS_OFFL_SIR_LRM_2_20160112T191242_20160112T192003_C001 CS_OFFL_SIR_LRM_2_20160112T19242_20160112T192003_C001 CS_OFFL_SIR_LRM_2_20160112T19242_20160112T102030_C001 CS_OFFL_SIR_LRM_2_20160112T202003_C001 CS_OFFL_SIR_LRM_2_20160112T202003_C001 CS_OFFL_SIR_LRM_2_20160112T202003_C001 CS_OFFL_SIR_LRM_2_20160112T202003_C001 CS_OFFL_SIR_LRM_2_20160112T20300_C001 CS_OFFL_SIR_LRM_2_20160112T20300_C001 CS_OFFL_SIR_LRM_2_20160112T2134549_20160112T24303_C001 CS_OFFL_SIR_LRM_2_20160112T2134549_20160112T22070_C001 CS_OFFL_SIR_LRM_2_20160112T2225712_C001 CS_OFFL_SIR_LRM_2_20160112T2225742_C0001 CS_OFFL_SIR_LRM_2_20160112T2225742_C0001 CS_OFFL_SIR_LRM_2_20160112T225742_C0001 CS_OFFL_SIR_LRM_2_20160112T225742_C0001 CS_OFFL_SIR_LRM_2_20160112T225742_C0001 CS_OFFL_SIR_LRM_2_20160112T225742_C0001 CS_OFFL_SIR_LRM_2_20160112T225742_C0001 CS_OFFL_SIR_LRM_2_20160112T235030_C001 CS_OFFL_SIR_LRM_2_20160112T235030_C001 CS_OFFL_SIR_LRM_2_20160112T235742_C0001 CS_OFFL_SIR_LRM_2_20160112T235742_C0001 CS_OFFL_SIR_LRM_2_20160112T235742_C0001 CS_OFFL_SIR_LRM_2_20160112T235742_C0001 CS_OFFL_SIR_LRM_2_20160112T235574_C0001 CS_OFFL_SIR_LRM_2_20160112T235574_C00
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Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20160112T235414_20160112T235636_C001 CS_OFFL_SIR_SIN_2_20160112T003745_20160112T003921_C001 SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20160112T004509_20160112T004512_C001 SARIN X-track Angle Error SARIN X-track Angle Error 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_LRM_2_20160112T233043_20160112T234708_C001 (Retracker 3), Backscatter Error (Retracker 2) for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20160112T235414_20160112T235636_C001 Surface Model Unavailable SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20160112T003745_20160112T003921_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
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CS_OFFL_SIR_SIN_2_20160112T004650_20160112T004850_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T013028_20160112T013244_C001 SARIn X-track Angle Error, Surface Model Unavailable An ambiguous angle was detected for SARIn mode and no DEM or Sk Model was used for one or more records
CS_OFFL_SIR_SIN_2_20160112T021700_20160112T021847_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T022407_20160112T022412_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T022527_20160112T023221_C001 SARIn X-track Angle Error records
CS_OFFL_SIR_SIN_2_20160112T030607_20160112T031117_C001 SARIn X-track Angle Error, Surface Model Unavailable An ambiguous angle was detected for SARIn mode and no DEM or Sk Model was used for one or more records. An ambiguous angle was detected for SARIn mode and no DEM or Sk Model was used for one or more records.
CS_OFFL_SIR_SIN_2_20160112T035605_20160112T035916_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T040305_20160112T040311_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T040320_20160112T040326_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T040604_20160112T040822_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T053533_20160112T053658_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T054551_20160112T054713_C001 SARIn X-track Angle Error Fecords An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T063416_20160112T063452_C001 SARIn X-track Angle Error, Surface Model Unavailable An ambiguous angle was detected for SARIn mode and no DEM or Sk Model was used for one or more records. Model was used for one or more records.
CS_OFFL_SIR_SIN_2_20160112T071535_20160112T071659_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T072456_20160112T072608_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T085505_20160112T085631_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T090145_20160112T090447_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T103505_20160112T103811_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T104046_20160112T104556_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T113147_20160112T113534_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T121524_20160112T121758_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T121953_20160112T122156_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T122457_20160112T122619_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
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CS_OFFL_SIR_SIN_2_20160112T135022_20160112T135229_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T135235_20160112T135631_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T135912_20160112T135930_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160112T140358_20160112T140538_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records records
CS_OFFL_SIR_SIN_2_20160112T145001_20160112T145214_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_220160112T145306_20160112T145534_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_220160112T153243_20160112T153423_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T154306_20160112T154459_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T162921_20160112T163406_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_220160112T171220_20160112T171352_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T171525_20160112T171638_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T172100_20160112T172337_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T185202_20160112T185551_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T190138_20160112T190300_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T194237_20160112T194317_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_220160112T203143_20160112T203456_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T204010_20160112T204126_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T220900_20160112T221318_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T221914_20160112T222029_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T225827_20160112T230105_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T230123_20160112T230247_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T234708_20160112T234830_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160112T235636_20160112T235822_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records