



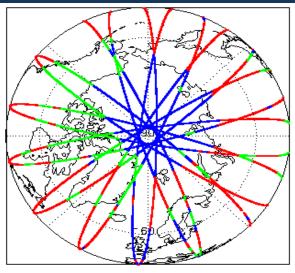
1. Overview

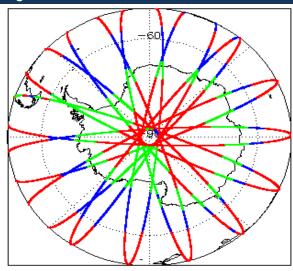
Report Production Date:	30-Oct-2019
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

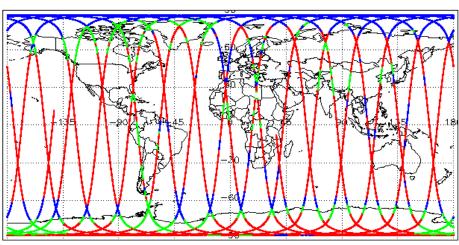
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	Nominal
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5

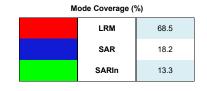
ı	/lission / Instru	ment News
	27-Sep-2019	None
	28-Sep-2019	None
	29-Sep-2019	SIRAL unavailability from 29-Sep-2019 21:41:06 to 30-Sep-2019 09:35:16 due to an unplanned platform anomaly.

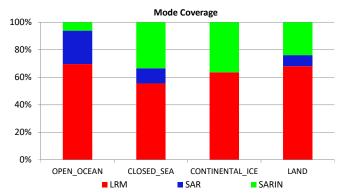
2. Global Coverage

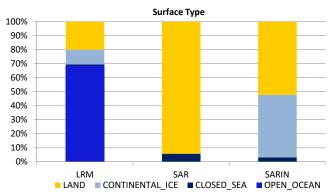












3. Instrument Configuration

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.

0

0

Number of products with errors:

4.4 L1B Tracking Flags Check

CryoSat L1B data includes a tracking flag for each measurement record. The bit value of this flag indicates any problems when set.

Loss of Echo Flag: This flag is currently set for some products over land, but this is to be expected.

Number of products with errors: 76

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20190928T004329_20190928T005153_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T005305_20190928T005804_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T010356_20190928T010445_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T010536_20190928T010713_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T011008_20190928T011016_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T023624_20190928T024114_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T024144_20190928T024327_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T030247_20190928T033748_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T034622_20190928T035017_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T044116_20190928T045539_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T050021_20190928T050356_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T050512_20190928T051718_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T053534_20190928T054840_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T055054_20190928T061020_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T062025_20190928T062659_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T063015_20190928T064040_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T064220_20190928T065558_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T071533_20190928T071722_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20190928T072015 20190928T072453 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T072951_20190928T073029_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20190928T073031 20190928T073114 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T073119_20190928T073431_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20190928T073554 20190928T074304 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T075903_20190928T080611_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T080615_20190928T080733_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T081122_20190928T081136_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T081143_20190928T081143_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T081147_20190928T081332_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20190928T084350 20190928T084557 D001	Loss of echo	
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T085103_20190928T091549_D001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T091551_20190928T092424_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T093744_20190928T094007_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T094130_20190928T094608_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T102249_20190928T102614_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T111747_20190928T1112256_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T112519_20190928T112547_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T112550_20190928T112625_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T112628_20190928T114636_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T115718_20190928T120521_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T125715_20190928T125805_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T130048_20190928T130412_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T130429_20190928T130513_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T131051_20190928T131323_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T131417_20190928T131614_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T131728_20190928T132216_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T141306_20190928T142430_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T144225_20190928T144242_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T144354_20190928T144532_D001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20190928T144605_20190928T145101_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T145314_20190928T145912_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T155604_20190928T160429_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T165822_20190928T170016_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T171215_20190928T172340_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T172344_20190928T173408_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T173804_20190928T174404_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T175733_20190928T181319_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T181551_20190928T181833_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T181939_20190928T183036_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T183700_20190928T183933_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T184719_20190928T190107_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T190247_20190928T190553_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T190955_20190928T191752_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T191821_20190928T192353_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T193603_20190928T193812_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T193935_20190928T194645_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T194808_20190928T201051_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T201443_20190928T202336_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T202707_20190928T204946_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T204952_20190928T205015_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T205544_20190928T205927_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T210059_20190928T210344_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T211426_20190928T211522_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T211644_20190928T215023_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T220632_20190928T223124_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T223127_20190928T224404_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190928T234527_20190929T000314_D001	Loss of echo	The tracking echo is missing for one or more records
	*	·

4.5 L1B Calibration Usage Check

Each product is checked in order to ensure that the necessary calibration files have been used in processing.

Number of products with errors:

4.6 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:

4.7 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:

4.8 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_20190928T024144_20190928T024327_D001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20190928T053534_20190928T054840_D001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20190928T085103_20190928T091549_D001		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:

0

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.

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.

56

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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220190927T234719_20190928T001849_D001	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_220190928T011121_20190928T011415_D001	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_220190928T012607_20190928T015902_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface Model Unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190928T021645_20190928T023257_D001	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_220190928T025056_20190928T025149_D001	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_220190928T030247_20190928T033748_D001	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_220190928T035535_20190928T042856_D001	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_220190928T044116_20190928T045539_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface Model Unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190928T050021_20190928T050356_D001	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_220190928T050512_20190928T051718_D001	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_220190928T053534_20190928T054840_D001	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_220190928T055054_20190928T061020_D001	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_220190928T063015_20190928T064040_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface Model Unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190928T064220_20190928T065558_D001	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_220190928T072015_20190928T072453_D001	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_220190928T072951_20190928T073029_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190928T073119_20190928T073431_D001	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_220190928T073554_20190928T074304_D001	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_220190928T074426_20190928T074633_D001	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_220190928T075903_20190928T080611_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190928T081441_20190928T083435_D001	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_220190928T085103_20190928T091549_D001	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_220190928T093744_20190928T094007_D001	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_220190928T095019_20190928T101344_D001	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_220190928T103002_20190928T110209_D001	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_220190928T111557_20190928T111630_D001	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_220190928T111747_20190928T112256_D001	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 for Retracker 2 for one or mor records CS_OFFL_SIR_LRM_2_20190928T125439_20190928T125654_D001 CS_OFFL_SIR_LRM_2_20190928T134929_20190928T141020_D001 CS_OFFL_SIR_LRM_2_20190928T141306_20190928T142430_D001 CS_OFFL_SIR_LRM_2_20190928T141306_20190928T142430_D001 CS_OFFL_SIR_LRM_2_20190928T143349_20190928T142430_D001 CS_OFFL_SIR_LRM_2_20190928T143349_20190928T143839_D001 CS_OFFL_SIR_LRM_2_20190928T143349_20190928T145912_D001 CS_OFFL_SIR_LRM_2_20190928T15314_20190928T145912_D001 CS_OFFL_SIR_LRM_2_20190928T150100_20190928T15055_D001 CS_OFFL_SIR_LRM_2_20190928T152835_20190928T156425_D001 CS_OFFL_SIR_LRM_2_20190928T155604_20190928T160429_D001 CS_OFFL_SIR_LRM_2_20190928T161567_20190928T161635_D001 CS_OFFL_SIR_LRM_2_20190928T161567_20190928T161635_D001 CS_OFFL_SIR_LRM_2_20190928T162423_20190928T164845_D001 CS_OFFL_SIR_LRM_2_20190928T162423_20190928T164845_D001 CS_OFFL_SIR_LRM_2_20190928T162423_20190928T164845_D001 Height Error (Retracker 2), Backscatter Err
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20190928T1434929_20190928T141020_D001 Error (Retracker 2), Backscatter Error (Retracker 2),
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20190928T141306_20190928T142430_D001 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2_20190928T143349_20190928T143839_D001 CS_OFFL_SIR_LRM_2_20190928T145314_20190928T145912_D001 CS_OFFL_SIR_LRM_2_20190928T145314_20190928T145912_D001 CS_OFFL_SIR_LRM_2_20190928T150100_20190928T15055_D001 CS_OFFL_SIR_LRM_2_20190928T150100_20190928T15055_D001 CS_OFFL_SIR_LRM_2_20190928T152835_20190928T155425_D001 CS_OFFL_SIR_LRM_2_20190928T155604_20190928T160429_D001 CS_OFFL_SIR_LRM_2_20190928T155604_20190928T160429_D001 CS_OFFL_SIR_LRM_2_20190928T16557_20190928T160429_D001 CS_OFFL_SIR_LRM_2_20190928T16557_20190928T161635_D001 Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backs
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20190928T143349_20190928T143839_D001 Error (Retracker 2), Backscatter Error (Retracker 3), B
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20190928T145314_20190928T145912_D001 Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), B
Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Error (Retracker 2) Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) Error (Retracker 2) Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backsc
CS_OFFL_SIR_LRM_2_20190928T152835_20190928T15425_D001 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) and a height of records CS_OFFL_SIR_LRM_2_20190928T155604_20190928T160429_D001 CS_OFFL_SIR_LRM_2_20190928T16557_20190928T161635_D001 Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records There is a height and backscatter error for Retracker 2 and a height of retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20190928T161557_20190928T161635_D001 Height Error (Retracker 2), Backscatter Error (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
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20190928T155604_20190928T160429_D001 CS_OFFL_SIR_LRM_2_20190928T155604_20190928T160429_D001 CS_OFFL_SIR_LRM_2_20190928T161557_20190928T161635_D001 Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20190928T161557_20190928T161635_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) for one or more records Height Error (Retracker 2), Backscatter Error (Retracker 2) for one or more records There is a height and backscatter error for Retracker 2 for one or more records Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) for one or more records
CS_OFFL_SIR_LRM_2_20190928T155604_20190928T160429_D001 (Retracker 3), Backscatter Error (Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20190928T161557_20190928T161635_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) and a height and backscatter error for Retracker 2 for one or mor records CS_OFFL_SIR_LRM_2_20190928T162423_20190928T164845_D001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or mor records There is a height and backscatter error for Retracker 2 for one or mor records
Error (Retracker 2) Error (Retracker 2) Ferror (Retracker 2)
CS_OFFL_SIR_LRM_2_20190928T171215_20190928T172340_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or mor records
CS_OFFL_SIR_LRM_2_20190928T172344_20190928T173408_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or mor records
CS_OFFL_SIR_LRM_2_20190928T175733_20190928T181319_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 for one or mor records
CS_OFFL_SIR_LRM_2_20190928T181939_20190928T183036_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 for one or mor records
CS_OFFL_SIR_LRM_2_20190928T184719_20190928T190107_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 for one or mor records
CS_OFFL_SIR_LRM_2_20190928T190247_20190928T190553_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 for one or mor records
CS_OFFL_SIR_LRM_2_20190928T190955_20190928T191752_D001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more rec
CS_OFFL_SIR_LRM_2_20190928T193603_20190928T193812_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Surface Model Unavailable There is a height and backscatter error for Retracker 2 and no DEM of Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20190928T193935_20190928T194645_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 for one or mor records
CS_OFFL_SIR_LRM_2_20190928T194808_20190928T201051_D001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20190928T202707_20190928T204946_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or mor records
Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 3), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) For one or more records
Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records
CS_OFFL_SIR_LRM_2_20190928T220632_20190928T223124_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 for one or mor records
CS_OFFL_SIR_LRM_2_20190928T223127_20190928T224404_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or mor records
Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Err
CS_OFFL_SIR_LRM_2_20190928T234527_20190929T000314_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or mor records