



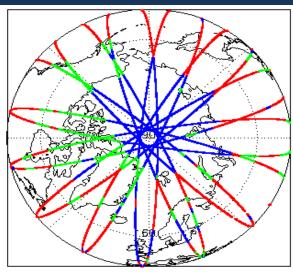
1. Overview

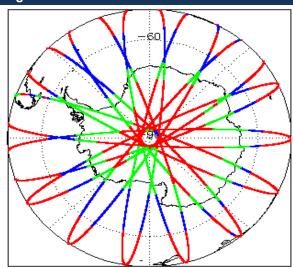
Report Production Date:	30-Sep-2019
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

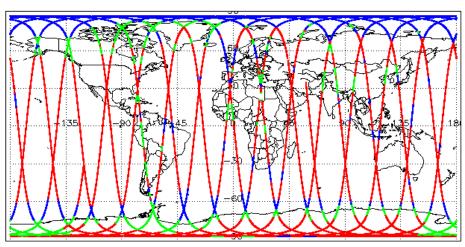
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	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

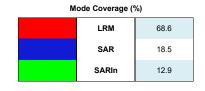
Mission / Ins	rument News
27-Aug-2019	None
28-Aug-2019	None
29-Aug-2019	Nothing planned

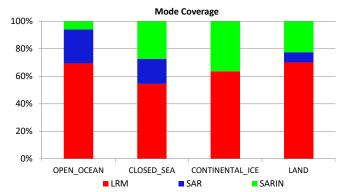
2. Global Coverage

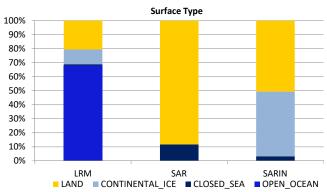












3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
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4. Level 1B Data Quality Check

4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a product file (.DBL).

Number of products with errors:

4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors:

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

Number of products with errors: 0

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: 79

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20190828T002439_20190828T004434_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T004438_20190828T005113_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T005116_20190828T005213_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T005216_20190828T005220_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T005222_20190828T005223_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T005227_20190828T005500_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T005534_20190828T010230_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T021110_20190828T021833_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T022006_20190828T022531_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T023103_20190828T023206_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T023219_20190828T023444_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T023749_20190828T023754_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T040349_20190828T040842_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T040914_20190828T041055_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T043008_20190828T045236_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T045341_20190828T050509_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T051347_20190828T051744_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T060828_20190828T062307_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T062749_20190828T064443_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T070310_20190828T071607_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T071821_20190828T073606_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T074804_20190828T074829_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T074831_20190828T075415_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T075742_20190828T080807_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T080947_20190828T082337_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T084314_20190828T084548_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T084850_20190828T084852_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T084855_20190828T085206_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T085731_20190828T085743_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T085746_20190828T085847_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T090322_20190828T091033_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T092632_20190828T093400_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T093403_20190828T093525_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T093841_20190828T094420_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T101836_20190828T104319_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T104321_20190828T104338_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T104340_20190828T104356_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T104400_20190828T105153_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T105316_20190828T105359_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T110634_20190828T110737_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T110859_20190828T111335_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T111746_20190828T114131_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T115015_20190828T115340_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T124520_20190828T125038_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T125243_20190828T125403_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T125407_20190828T131435_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T132441_20190828T133248_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T142443_20190828T142534_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20190828T142807_20190828T143143_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T143201_20190828T143234_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T143238_20190828T143238_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T143819_20190828T144315_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T144340_20190828T145036_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T154034_20190828T155208_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T160946_20190828T161038_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T161127_20190828T161254_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T161335_20190828T161826_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T164537_20190828T164835_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T165602_20190828T172153_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T172333_20190828T173219_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T184017_20190828T185108_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T185110_20190828T190146_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T190527_20190828T191126_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T194300_20190828T194600_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T194706_20190828T195731_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T200429_20190828T200658_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T201438_20190828T202834_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T203014_20190828T203620_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T203722_20190828T204527_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T204559_20190828T205149_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T210337_20190828T210542_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T210704_20190828T211009_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T211026_20190828T211414_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T211536_20190828T212206_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T221559_20190828T221704_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T222316_20190828T222648_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T224414_20190828T225239_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T225241_20190828T231751_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190828T233349_20190829T000927_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.

0

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:

0

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.

lumber 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: 5

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20190828T023219_20190828T023444_D001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20190828T070310_20190828T071607_D001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20190828T104400_20190828T105153_D001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20190828T190527_20190828T191126_D001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20190828T224414_20190828T225239_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).

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:

0

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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220190827T234042_20190828T000824_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_220190828T002439_20190828T004434_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_220190828T005534_20190828T010230_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_220190828T011458_20190828T014609_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_220190828T025343_20190828T032627_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_220190828T034419_20190828T040026_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_220190828T043008_20190828T045236_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_2_20190828T045341_20190828T050509_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_220190828T052248_20190828T054846_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_220190828T054904_20190828T055634_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_220190828T060828_20190828T062307_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_220190828T062749_20190828T064443_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_220190828T070310_20190828T071607_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_220190828T071821_20190828T073606_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_220190828T074804_20190828T074829_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190828T074831_20190828T075415_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190828T075742_20190828T080807_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_220190828T080947_20190828T082337_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_220190828T084855_20190828T085206_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_220190828T085936_20190828T090159_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_220190828T090322_20190828T091033_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_220190828T091155_20190828T091406_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_220190828T092632_20190828T093400_D001	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) and backscatter error for Retracker 2 for Retracker 3), 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), Bac	and a height error for one or more and a height error for one or more for one or more
CS_OFFL_SIR_LRM_2_20190828T101836_20190828T104319_D001 (Retracker 3), Backscatter Error (Retracker 2) for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20190828T110634_20190828T110737_D001 CS_OFFL_SIR_LRM_2_20190828T111746_20190828T114131_D001 CS_OFFL_SIR_LRM_2_20190828T111746_20190828T114131_D001 CS_OFFL_SIR_LRM_2_20190828T115724_20190828T122922_D001 CS_OFFL_SIR_LRM_2_20190828T115724_20190828T122922_D001 CS_OFFL_SIR_LRM_2_20190828T124327_20190828T124355_D001 CS_OFFL_SIR_LRM_2_20190828T124327_20190828T124355_D001 CS_OFFL_SIR_LRM_2_20190828T124520_20190828T124355_D001 CS_OFFL_SIR_LRM_2_20190828T124520_20190828T125038_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) and backscatter error for Retracker 2 frecords There is a height and backscatter error for Retracker 2 for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2	for one or more and a height error for one or more for one or more
CS_OFFL_SIR_LRM_2_20190828T111746_20190828T114131_D001 CS_OFFL_SIR_LRM_2_20190828T111746_20190828T114131_D001 CS_OFFL_SIR_LRM_2_20190828T115724_20190828T122922_D001 CS_OFFL_SIR_LRM_2_20190828T115724_20190828T122922_D001 CS_OFFL_SIR_LRM_2_20190828T124327_20190828T124355_D001 Error (Retracker 2) Height Error (Retracker 2), Backscatter Erro	and a height error for one or more for one or more
CS_OFFL_SIR_LRM_2_20190828T111746_20190828T114131_D001 (Retracker 3), Backscatter Error (Retracker 2) for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20190828T115724_20190828T122922_D001 CS_OFFL_SIR_LRM_2_20190828T124327_20190828T124355_D001 Height Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 frecords There is a height and backscatter error for Retracker 2 frecords There is a height and backscatter error for Retracker 2 frecords There is a height and backscatter error for Retracker 2 frecords There is a height and backscatter error for Retracker 2 frecords There is a height and backscatter error for Retracker 2 frecords There is a height and backscatter error for Retracker 2 frecords There is a height and backscatter error for Retracker 2 frecords There is a height and backscatter error for Retracker 2 frecords	for one or more
CS_OFFL_SIR_LRM_2_20190828T124327_20190828T124355_D001 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2_20190828T124327_20190828T124355_D001 Height Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 freedom. Height Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 freedom.	for one or more
Error (Retracker 2) Error (Retracker 2) Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for the part of th	
	or one or more
CS_OFFL_SIR_LRM_2_20190828T125407_20190828T131435_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T133805_20190828T141012_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T142206_20190828T142426_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) records	or one or more
CS_OFFL_SIR_LRM_2_20190828T151641_20190828T153748_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) For one or more records There is a height and backscatter error for Retracker 2 for Retracker 3 for one or more records	and a height error
CS_OFFL_SIR_LRM_2_20190828T154034_20190828T155208_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) for Retracker 3 for one or more records	and a height error
CS_OFFL_SIR_LRM_2_20190828T160123_20190828T160608_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T162151_20190828T162639_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T162827_20190828T163833_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T165602_20190828T172153_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) for Retracker 3 for one or more records	and a height error
CS_OFFL_SIR_LRM_2_20190828T172333_20190828T173219_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T174455_20190828T175146_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T175200_20190828T181612_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T184017_20190828T185108_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T185110_20190828T190146_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T190527_20190828T191126_D001 Surface Model Unavailable No DEM or Slope Model was used for the location of on	e or more records
CS_OFFL_SIR_LRM_2_20190828T192505_20190828T194007_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T194706_20190828T195731_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T201438_20190828T202834_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T203014_20190828T203620_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) and backscatter error for Retracker 2 for Retracker 3 for one or more records	and a height error
CS_OFFL_SIR_LRM_2_20190828T210337_20190828T210542_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface Model Unavailable There is a height and backscatter error for Retracker 2 a Slope Model was used for the location of one or more recognition.	
CS_OFFL_SIR_LRM_2_20190828T210704_20190828T211009_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T211026_20190828T211414_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) and backscatter error for Retracker 2 for Retracker 3 for one or more records	and a height error
CS_OFFL_SIR_LRM_2_20190828T211536_20190828T212206_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T212208_20190828T213812_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) and backscatter error for Retracker 2 for Retracker 3 for one or more records	and a height error
CS_OFFL_SIR_LRM_2_20190828T215418_20190828T221532_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T222828_20190828T222925_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 frecords	or one or more
CS_OFFL_SIR_LRM_2_20190828T225241_20190828T231751_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) For one or more records	and a height error