

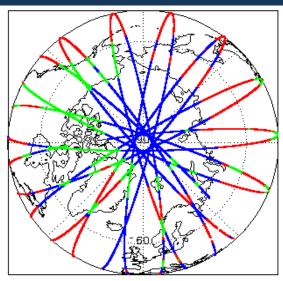
1. Overview

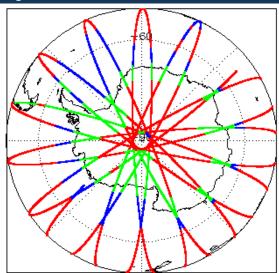
Report Production Date:	16-Jun-2020
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

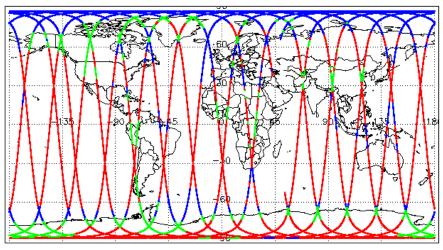
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

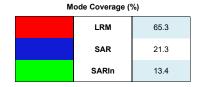
Mission / Instrument News		
15-May-2020	None	
16-May-2020	None	
17-May-2020	Nothing planned	

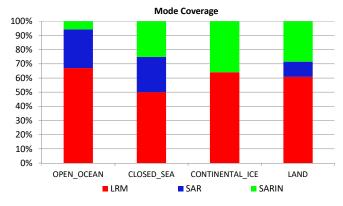
2. Global Coverage

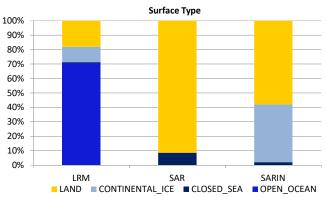












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

(

4.2 L1B Product Header Analysis

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

Number of products with errors:

0

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:

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.

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20200516T005140_20200516T005402_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T005436_20200516T005516_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T005704_20200516T005818_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T010006_20200516T010134_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T010240_20200516T010541_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T010950_20200516T010956_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T011054_20200516T011742_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T023029_20200516T023101_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T023321_20200516T023358_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T023733_20200516T024353_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T030806_20200516T031310_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T031916_20200516T035237_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T035453_20200516T035517_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T035520_20200516T035534_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T035536_20200516T035557_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T045927_20200516T051102_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T051223_20200516T051420_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T051422_20200516T051448_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T051451_20200516T051634_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T052115_20200516T053053_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T053302_20200516T053315_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T053318_20200516T053356_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T053358_20200516T053540_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T060731_20200516T062157_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T063826_20200516T065103_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T065540_20200516T070501_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T070709_20200516T070715_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T070718_20200516T071527_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T073159_20200516T074430_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T074955_20200516T080335_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T083656_20200516T084214_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T084602_20200516T084643_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T084721_20200516T084812_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T084816_20200516T085424_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T090933_20200516T091540_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T091626_20200516T091950_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T091954_20200516T092001_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T092003_20200516T094254_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T094847_20200516T095400_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T102416_20200516T102440_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T102510_20200516T103234_D001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20200516T105329_20200516T105426_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T105428_20200516T112141_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T120347_20200516T120352_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T120354_20200516T120355_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T120357_20200516T120450_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T120452_20200516T120457_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T120515_20200516T120752_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T132328_20200516T132741_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T132819_20200516T133303_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T133323_20200516T133823_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T134436_20200516T134448_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T134450_20200516T134549_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T134601_20200516T134722_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T135003_20200516T135018_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T140617_20200516T141522_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T151638_20200516T152118_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T152214_20200516T152346_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T154255_20200516T154353_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T154356_20200516T154410_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T172128_20200516T172240_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T172242_20200516T172352_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T172753_20200516T173600_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T174042_20200516T174151_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T174154_20200516T174155_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T174157_20200516T174253_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T174317_20200516T175807_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T181533_20200516T182858_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T190016_20200516T190746_D001	Loss of echo	
CS_OFFL_SIR_LRM_1B_20200516T191038_20200516T191842_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T191844_20200516T191925_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T191927_20200516T192102_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T195842_20200516T200537_D001	Loss of echo	The tracking echo is missing for one or more records
	Loss of echo	·
CS_OFFL_SIR_LRM_1B_20200516T201001_20200516T201450_D001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T201733_20200516T202321_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T203823_20200516T204303_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T204306_20200516T204523_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T204527_20200516T204615_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T204618_20200516T204632_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T204634_20200516T204641_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T204643_20200516T204648_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T204655_20200516T204659_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T204704_20200516T204720_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T204722_20200516T204757_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T205157_20200516T205245_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T213026_20200516T215744_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T215748_20200516T215753_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T215755_20200516T215756_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T215800_20200516T215843_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T220051_20200516T220442_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T222150_20200516T222634_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T222806_20200516T222815_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200516T230308_20200516T230634_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:

0

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

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.

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 20200516T132328 20200516T132741 D001	Echo error. TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set,
00_0112_011(_211111_15_202000101102020_202000101102111_5001		indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (field 30) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag (field 50) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 2 products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Freeboard error: This flag is correctly set in all L2 SAR products that are not discriminated as sea-ice, and for which freeboard cannot be calculated.

Height and Backscatter errors: These flags are currently set for products over land, but this is to be expected. Retracker 1 Height and Backscatter error flags are also set for products over sea-ice, but this is to be expected.

Peakiness error: This flag is currently set for products over sea-ice, but this is to be expected.

SARIn X-Track Angle Error: This flag is set when the difference between the computed surface elevation and the DEM is >50 m. The DEM is only available over Greenland and Antarctica and as a result this flag is set for L2 SARIn products in all other locations as expected.

SSHA interpolation error: This flag is currently set for a number of SAR products occurring at surface type boundaries, but this is to be expected.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_2_20200516T000104_20200516T003521_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_2_20200516T004825_20200516T004922_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_2_20200516T012355_20200516T012547_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_2_20200516T014035_20200516T021345_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_2_20200516T024624_20200516T030442_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_2_20200516T031916_20200516T035237_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_2_20200516T040719_20200516T040731_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_2_20200516T041749_20200516T044046_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_20200516T045927_20200516T051102_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_2_20200516T051223_20200516T051420_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_2_20200516T051422_20200516T051448_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_2_20200516T051451_20200516T051634_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_2_20200516T052115_20200516T053053_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

COUNT_SEL_MAXPROMOTERISED_COUNTS_CO	CS_OFFL_SIR_LRM_220200516T054838_20200516T060530_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
County and the county of the c	CS_OFFL_SIR_LRM_220200516T060731_20200516T062157_D001		
CS_OPT_BRI_RM_2_R000000000000000000000000000000000	CS_OFFL_SIR_LRM_220200516T063826_20200516T065103_D001		•
Early Efficiency 2) Service (Michael C.) S	CS_OFFL_SIR_LRM_220200516T065220_20200516T065339_D001	(Retracker 3), Backscatter Error	
COPTL_SRI_RNI_2_2000051973952_2000051707450_2000 The first Error (Processor 2). Height Error (Processor 2) and a height and the scooland arms for Relination 2 and a height and the foreign 2 and a height arms for Relination 2	CS_OFFL_SIR_LRM_2_20200516T065540_20200516T070501_D001		•
Co. Del. S. St. Link 2. accordant processors. Joint of Recordant 2 and a legal early engineers of the control of Recordant 2 and a legal early engineers. Joint Co. Del. Del. St. Link 2. accordant processors. Joint Co. Del. Del. St. Link 2. accordant processors. Joint Co. Del. Del. St. Link 2. accordant processors. Joint Co. Del. Del. Del. Del. Del. Del. Del. Del	CS_OFFL_SIR_LRM_2_20200516T072936_20200516T073118_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CB_CFFL_SRI_LEW_2_202005161796429_0000161796550_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_00000161719650_00000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_00000161719650_00000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_0000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_000000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000161719650_000000161719650_000000161719650_000000161719650_000000161719650_00000161719650_00000161719650_00000161719650_00000161719650_00000	CS_OFFL_SIR_LRM_2_20200516T073159_20200516T074430_D001	(Retracker 3), Backscatter Error	
CS_OPPL_SRL_IMM_2_promosisfrational_processistational_processistations_color_processistation_color_processista	CS_OFFL_SIR_LRM_2_20200516T074955_20200516T080335_D001	(Retracker 3), Backscatter Error	
Serie (Fateracker 2)	CS_OFFL_SIR_LRM_2_20200516T081802_20200516T083353_D001	, ,,	ŭ
Height Enror (Petrodez 2). Bedecoatter error for Retrodez 2 for one or more condes. Spirit, Sirk, LRM, 2, 20000161709200, 20000161709100, 200001670910, 2000016709100, 200001670900, 20	CS_OFFL_SIR_LRM_220200516T083656_20200516T084214_D001		
Enro (Retractor 2) and a height and backscatter error for Retractor 2 for one or more cords. S. OFFL, SIR, LRM, 2, 20000167109078, 200005167104159, D001 Height Enror (Retractor 2) Backscatter cords in height and backscatter error for Retractor 2 for one or more cords. S. OFFL, SIR, LRM, 2, 20000167109078, 200005167112191, D001 CS. OFFL, SIR, LRM, 2, 20000167109178, 200005167112191, D001 CS. OFFL, SIR, LRM, 2, 20000167109178, 200005167114190, D001 CS. OFFL, SIR, LRM, 2, 20000167112192, 200005167114000, D001 CS. OFFL, SIR, LRM, 2, 20000167114007, 2000051671415000, D001 CS. OFFL, SIR, LRM, 2, 2000016714007, 20000516714192, D001 CS. OFFL, SIR, LRM, 2, 20000167151114, 20000516714000, D001 CS. OFFL, SIR, LRM, 2, 20000167151114, 20000516714000, D001 CS. OFFL, SIR, LRM, 2, 20000167151114, 20000516714000, D001 CS. OFFL, SIR, LRM, 2, 20000167151114, 200005167151110, D001 CS. OFFL, SIR, LRM, 2, 20000167151114, 200005167151110, D001 CS. OFFL, SIR, LRM, 2, 20000167151114, 200005167151110, D001 CS. OFFL, SIR, LRM, 2, 200001671511140, 200005167110000, D001 CS. OFFL, SIR, LRM, 2, 200001671511140, D001 CS. OFFL, SIR, LRM, 2, 20000167151140, D001 CS. OFFL, SIR, LRM, 2, 20000167151140, D001 CS. OFFL, SIR, LRM, 2, 2000016711407, 20000516711400, D001 CS. OFFL, SIR, LRM, 2, 20000516711407, 20000516711400, D	CS_OFFL_SIR_LRM_220200516T084816_20200516T085424_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Envi (Retacker 2) Find (Retacke	CS_OFFL_SIR_LRM_220200516T091626_20200516T091950_D001		
CS_OFFL_SIR_LRM_2_20200516T11246_2000516T11236_0001 CS_OFFL_SIR_LRM_2_20200516T1218_20200516T11236_0001 CS_OFFL_SIR_LRM_2_20200516T127272_20200516T13036_0001 CS_OFFL_SIR_LRM_2_20200516T127272_20200516T13036_0001 CS_OFFL_SIR_LRM_2_20200516T14460T_20200516T14452_0001 CS_OFFL_SIR_LRM_2_20200516T14460T_20200516T14452_0001 CS_OFFL_SIR_LRM_2_20200516T14460T_20200516T14452_0001 CS_OFFL_SIR_LRM_2_20200516T14460T_20200516T16T1452_0001 CS_OFFL_SIR_LRM_2_20200516T14460T_20200516T16T1452_0001 CS_OFFL_SIR_LRM_2_20200516T14460T_20200516T16T1452_0001 CS_OFFL_SIR_LRM_2_20200516T14460T_20200516T16T1452_0001 CS_OFFL_SIR_LRM_2_20200516T14460T_20200516T16T1450_001 CS_OFFL_SIR_LRM_2_20200516T15450T_20200516T165130_0011 CS_OFFL_SIR_LRM_2_20200516T15450T_20200516T16530_0011 CS_OFFL_SIR_LRM_2_20200516T15450T_20200516T17544_0010 CS_OFFL_SIR_LRM_2_20200516T175242_20200516T175240_0011 CS_OFFL_SIR_LRM_2_20200516T175260_20200516T175240_0011 CS_OFFL_SIR_LRM_2_20200516T175260_20200516T175250_0010 CS_OFFL_SIR_LRM_2_20200516T175260_20200516T175250_0010 CS_OFFL_SIR_LRM_2_20200516T175260_20200516T175260_0001 CS_OFFL_SIR_LRM_2_20200516T175260_20200516T175260_0001 CS_OFFL_SIR_LRM_2_20200516T175260_20200516T175260_0001 CS_OFFL_SIR_LRM_2_202200516T175260_20200516T175260_0001 CS_OFFL_SIR_LRM_2_202200516T175260_20200516T175260_0001 CS_OFFL_SIR_LRM_2_202200516T175260_20200516T175260_0001 CS_OFFL_SIR_LRM_2_202200516T175260_20200516T175260_0001 CS_OFFL_SIR_LRM_2_202200516T175260_20200516T175260_0001 CS_OFFL_SIR_LRM_2_202200516T174157_0001 CS_OFFL_SIR_LRM_2_202200516T174157_0001 CS_OFFL_SIR_LRM_2_202200516T174157_0001 CS_OFFL_SIR_LRM_2_202200516T174317_202200516T174350_0001 CS_OFFL_SIR_LRM_2_202200516T174317_20220516T174350_0001 CS_OFFL_SIR_LRM_2_202200516T174317_20220516T174350_0001 CS_OFFL_SIR_LRM_2_202200516T174317_20220516T174350_0001 CS_OFFL_SIR_LRM_2_202200516T174317_20220516T174350_0001 CS_OFFL_SIR_LRM_2_202200516T174317_20220516T174350_0001 CS_OFFL_SIR_LRM_2_202200516T174317_20220516T174350_0001 CS_OFFL_SIR_LRM	CS_OFFL_SIR_LRM_2_20200516T092003_20200516T094254_D001		
CS_OFFL_SIR_LRM_2_20200516T12128_20200516T121351_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T141522_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T141522_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T141522_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T141522_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T14002_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T14002_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T14002_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T14002_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T14002_D001 CS_OFFL_SIR_LRM_2_20200516T140017_20200516T16T16001 CS_OFFL_SIR_LRM_2_20200516T140001 CS_OFFL_SIR_LRM_2_20200516T150001 CS_OFFL_SIR_LRM_2_20200516T150001 CS_OFFL_SIR_LRM_2_20200516T150001 CS_OFFL_SIR_LRM_2_20200516T150001 CS_OFFL_SIR_LRM_2_20200516T150001 CS_OFFL_SIR_LRM_2_20200516T150001 CS_OFFL_SIR_LRM_2_20200516T150001 CS_OFFL_SIR_LRM_2_20200516T1720001 CS_OFFL_SIR_LRM_2_20200516T1740001 CS_OFFL_SIR_LRM_2_20200516T1740001 CS_OFFL_SIR_LRM_2_20200516T1740001 CS_OFFL_SIR_LRM_2_20200516T1740001 CS_OFFL_SIR_LRM_2_20200516T1740001 CS_OFFL_SIR_LRM_2_20200516T17400001 CS_OFFL_SIR_LRM_2_20200516T17400001 CS_OFFL_SIR_LRM_2_20200516T17400001 CS_OFFL_SIR_LRM_2_20200516T174000000001 CS_OFFL_SIR_LRM_2_20200516T174000000000000000000000000000000000000	CS_OFFL_SIR_LRM_220200516T095735_20200516T102153_D001		•
(Reinacker 2). Backscatter Environment of the Company of the Control of the Contr	CS_OFFL_SIR_LRM_2_20200516T105428_20200516T112141_D001		
Error (Retracker 2) records S. OFFL_SIR_LRM_2_20200516T140617_20200516T141522_D001 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 for one or more records There is a height and backscatter 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 S. OFFL_SIR_LRM_2_20200516T153114_20200516T163117_D001 Height Error (Retracker 2), Backscatter from (Retracker 2), Backscatter	CS_OFFL_SIR_LRM_2_20200516T121218_20200516T121351_D001	(Retracker 3), Backscatter Error	
Enror (Retracker 2) records CS_OFFL_SIR_LRM_2_20200516T141807_20200516T14402_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) for one or more records CS_OFFL_SIR_LRM_2_20200516T145427_20200516T153111_D001 Height Error (Retracker 2), Backscatter	CS_OFFL_SIR_LRM_2_20200516T122722_20200516T130036_D001	, ,,	
Error (Retracker 2) Error (Re	CS_OFFL_SIR_LRM_2_20200516T140617_20200516T141522_D001		G C C C C C C C C C C C C C C C C C C C
Error (Retracker 2) Error (Re	CS_OFFL_SIR_LRM_2_20200516T141807_20200516T144022_D001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20200516T154507_20200516T161836_D001 (Retracker 2) Height Error (Retracker 2). Height Error (Retracker 3). Backscatter Error (Retracker 2). Backscatter Error	CS_OFFL_SIR_LRM_2_20200516T145427_20200516T151311_D001		•
CS_OFFL_SIR_LRM_2_20200516T163722_20200516T170844_D001 CS_OFFL_SIR_LRM_2_20200516T172242_20200516T172552_D001 CS_OFFL_SIR_LRM_2_20200516T172562_20200516T172552_D001 CS_OFFL_SIR_LRM_2_20200516T172562_20200516T172559_D001 CS_OFFL_SIR_LRM_2_20200516T172562_20200516T172569_D001 CS_OFFL_SIR_LRM_2_20200516T172562_20200516T172569_D001 CS_OFFL_SIR_LRM_2_20200516T172562_20200516T173600_D001 CS_OFFL_SIR_LRM_2_20200516T174042_20200516T173600_D001 CS_OFFL_SIR_LRM_2_20200516T174042_20200516T174042_20200516T174500_D001 CS_OFFL_SIR_LRM_2_20200516T174042_20200516T174500_D001 CS_OFFL_SIR_LRM_2_20200516T174042_20200516T174500_D001 CS_OFFL_SIR_LRM_2_20200516T174172_20200516T174500_D001 CS_OFFL_SIR_LRM_2_20200516T174172_20200516T174500_D001 CS_OFFL_SIR_LRM_2_20200516T174172_20200516T174500_D001 CS_OFFL_SIR_LRM_2_20200516T174172_20200516T174500_D001 CS_OFFL_SIR_LRM_2_20200516T174172_20200516T174500_D001 CS_OFFL_SIR_LRM_2_20200516T181533_20200516T182658_D001 CS_OFFL_SIR_LRM_2_20200516T1818153_20200516T182658_D001 CS_OFFL_SIR_LRM_2_20200516T183112_20200516T183208_D001 CS_OFFL_SIR_LRM_2_20200516T183112_20200516T183208_D001 CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184251_D001 CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184251_D001 CS_OFFL_SIR_LRM_2_20200516T190016_20200516T190746_D001 CS_OFFL_SIR_L	CS_OFFL_SIR_LRM_2_20200516T153114_20200516T153117_D001	,	•
Error (Retracker 2) Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Refracker 2, Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3),	CS_OFFL_SIR_LRM_2_20200516T154507_20200516T161836_D001	(Retracker 3), Backscatter Error	
Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) and a height error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backs	CS_OFFL_SIR_LRM_2_20200516T163722_20200516T170844_D001		
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20200516T17253_20200516T173600_0001 (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), B	CS_OFFL_SIR_LRM_2_20200516T172242_20200516T172352_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20200516T174042_20200516T174051_D001 CS_OFFL_SIR_LRM_2_20200516T174042_20200516T174151_D001 CS_OFFL_SIR_LRM_2_20200516T174157_20200516T174253_D001 CS_OFFL_SIR_LRM_2_20200516T174317_20200516T174253_D001 CS_OFFL_SIR_LRM_2_20200516T174317_20200516T175807_D001 CS_OFFL_SIR_LRM_2_20200516T174317_20200516T175807_D001 CS_OFFL_SIR_LRM_2_20200516T181533_20200516T182858_D001 CS_OFFL_SIR_LRM_2_20200516T181533_20200516T182858_D001 CS_OFFL_SIR_LRM_2_20200516T183112_20200516T183208_D001 CS_OFFL_SIR_LRM_2_20200516T183307_20200516T183208_D001 CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184351_D001 CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184351_D001 CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184351_D001 CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184351_D001 CS_OFFL_SIR_LRM_2_20200516T190016_20200516T190746_D001 CS_OFFL_SIR_LRM_2_20200516T190016_20200516T191842_D0001 CS_OFFL_SIR_LRM_2_20200516T190038_20200516T191842_D0001 CS_OFFL_SIR_LRM_2_20200516T191038_20200516T191842_D0001 CS_OFFL_S	CS_OFFL_SIR_LRM_2_20200516T172526_20200516T172549_D001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20200516T174157_20200516T174253_D001 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 for one or more records There is a height and backscatter 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 no DEM or Slope Model was used for the location of one or more records CS_OFFL_SIR_LRM_2_20200516T183112_20200516T183208_D001 CS_OFFL_SIR_LRM_2_20200516T183112_20200516T183208_D001 CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184351_D001 CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184351_D001 CS_OFFL_SIR_LRM_2_20200516T183007_20200516T184351_D001 CS_OFFL_SIR_LRM_2_20200516T190016_20200516T190746_D001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 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_20200516T172753_20200516T173600_D001	(Retracker 3), Backscatter Error	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20200516T174317_20200516T175807_D001 Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error Error (Retracker 3), Backscatter Error Error (Retracker 3), Backscatter Erro	CS_OFFL_SIR_LRM_2_20200516T174042_20200516T174151_D001		
Error (Retracker 2) Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), B	CS_OFFL_SIR_LRM_2_20200516T174157_20200516T174253_D001		
CS_OFFL_SIR_LRM_2_20200516T181533_20200516T182858_D001 Error (Retracker 2), Surface model unavailable Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3),	CS_OFFL_SIR_LRM_2_20200516T174317_20200516T175807_D001		
CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184351_D001 Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), Back	CS_OFFL_SIR_LRM_2_20200516T181533_20200516T182858_D001	Error (Retracker 2), Surface model	
CS_OFFL_SIR_LRM_2_20200516T183307_20200516T184351_D001 (Retracker 3), Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2_20200516T190016_20200516T190746_D001 Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error (Retra	CS_OFFL_SIR_LRM_220200516T183112_20200516T183208_D001		
Height Error (Retracker 2), Height Error CS_OFFL_SIR_LRM_2_20200516T191038_20200516T191842_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error 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_20200516T183307_20200516T184351_D001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20200516T191038_20200516T191842_D001 (Retracker 3), Backscatter Error for Retracker 3 for one or more records	CS_OFFL_SIR_LRM_2_20200516T190016_20200516T190746_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
	CS_OFFL_SIR_LRM_220200516T191038_20200516T191842_D001	(Retracker 3), Backscatter Error	

CS_OFFL_SIR_LRM_220200516T192241_20200516T193656_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_220200516T195842_20200516T200537_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_220200516T201001_20200516T201450_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_220200516T201733_20200516T202321_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_220200516T204306_20200516T204523_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200516T205358_20200516T211541_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_220200516T213026_20200516T215744_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_220200516T223039_20200516T225550_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_220200516T231005_20200516T234254_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records