

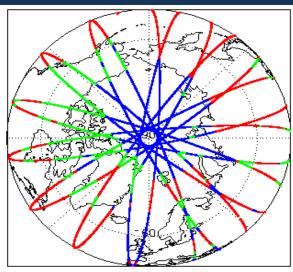
1. Overview

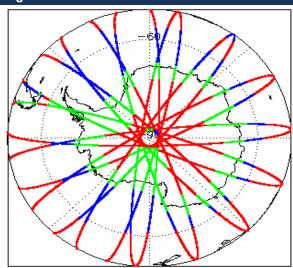
Report Production Date:	04-Dec-2019	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

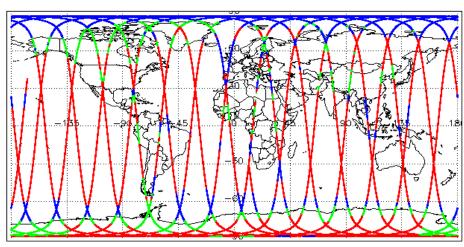
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

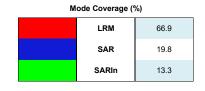
N	/lission / Instru	ment News
	01-Nov-2019	None
	02-Nov-2019	None
	03-Nov-2019	Nothing planned

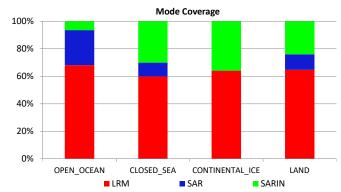
2. Global Coverage

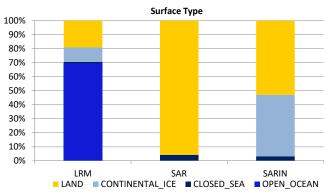












3. Instrument Configuration

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: 93

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20191102T000534_20191102T002654_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T010402_20191102T010835_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T010939_20191102T011111_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T013019_20191102T020535_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T030849_20191102T030938_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T030941_20191102T031013_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T031020_20191102T032328_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T032809_20191102T034503_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T040252_20191102T041624_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T042011_20191102T043531_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T044738_20191102T045151_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T045154_20191102T045157_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T045200_20191102T045209_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T045212_20191102T045250_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T045253_20191102T045523_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T045807_20191102T050829_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T054531_20191102T055321_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T055727_20191102T060216_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T060459_20191102T061046_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T062606_20191102T062944_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T062948_20191102T063009_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T063012_20191102T063030_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T063034_20191102T063238_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T063240_20191102T063424_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T063437_20191102T063438_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T063440_20191102T063527_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T063928_20191102T064002_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T071839_20191102T074603_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T074609_20191102T074610_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T074823_20191102T075208_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T080723_20191102T080755_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T080918_20191102T081403_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T081759_20191102T084136_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T094710_20191102T095042_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T095115_20191102T095446_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T095449_20191102T100114_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T100119_20191102T101255_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T102509_20191102T103302_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T103843_20191102T111021_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T112517_20191102T112531_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T112913_20191102T113148_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T113200_20191102T113238_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T113241_20191102T113245_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T113558_20191102T113655_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T113839_20191102T114020_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T114205_20191102T114514_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T114547_20191102T114743_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T124049_20191102T125231_D001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20191102T131140_20191102T131325_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T131357_20191102T131453_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T131456_20191102T131913_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T132051_20191102T132700_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T135619_20191102T143138_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T143144_20191102T143156_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T143200_20191102T143233_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T150407_20191102T151638_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T152606_20191102T152801_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T152956_20191102T153305_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T153532_20191102T155025_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T155228_20191102T160251_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T160543_20191102T160756_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T160759_20191102T161210_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T162445_20191102T164108_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T164404_20191102T164531_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T164549_20191102T165252_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T170437_20191102T170721_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T173741_20191102T174346_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T174349_20191102T174515_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T174519_20191102T174521_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T174524_20191102T174544_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T174547_20191102T175158_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T180342_20191102T180600_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T180723_20191102T181313_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T181557_20191102T183847_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T184233_20191102T185111_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T185458_20191102T191838_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T192335_20191102T192722_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T194430_20191102T194922_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T195032_20191102T195039_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20191102T195042 20191102T201801 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T203417_20191102T205754_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20191102T205756 20191102T205850 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T205856_20191102T205859_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T205903_20191102T210227_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T210304_20191102T210759_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20191102T222144 20191102T222639 D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20191102T222642 20191102T222812 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T223007_20191102T223022_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20191102T223025 20191102T223503 D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20191102T223609 20191102T223642 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T223925_20191102T223932_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191102T223935_20191102T224016_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 201911021223933_201911021224506 D001	Loss of echo	The tracking echo is missing for one or more records
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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.

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.

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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: 56		
Product	Test Failed	Description
CS_OFFL_SIR_LRM_220191101T235341_20191102T000249_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_220191102T000534_20191102T002654_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_20191102T004428_20191102T010036_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_20191102T011841_20191102T011912_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_220191102T013019_20191102T020535_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_220191102T022447_20191102T025628_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_220191102T031020_20191102T032328_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_220191102T032809_20191102T034503_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_220191102T040252_20191102T041624_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_220191102T042011_20191102T043531_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_220191102T043630_20191102T043703_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_220191102T045253_20191102T045523_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191102T045807_20191102T050829_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_220191102T051009_20191102T052342_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_220191102T054531_20191102T055321_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_220191102T055727_20191102T060216_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_220191102T060459_20191102T061046_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_220191102T061209_20191102T061421_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_220191102T063440_20191102T063527_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191102T064107_20191102T070202_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

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SCOPPLIARE UNID 2. 2019 (SCITIONE 2019 (SCITIONE 2019) SCITIONE 2019 SCITI	CS_OFFL_SIR_LRM_220191102T071839_20191102T074603_D001		
terre (Financier 2) expenses 2, 10 deceased and between the most of financiar 2 for one or more received and the part of financiar 2 for o	CS_OFFL_SIR_LRM_220191102T081759_20191102T084136_D001	(Retracker 3), Backscatter Error	
Section Sect	CS_OFFL_SIR_LRM_220191102T085755_20191102T093029_D001		•
Position (Michaelea P.) Company (Michaelea P.) Compa	CS_OFFL_SIR_LRM_220191102T094343_20191102T094512_D001		
Service (Methodox 2)	CS_OFFL_SIR_LRM_220191102T094516_20191102T094558_D001		•
Ex. OFFL. SRIL_URL 2_2019110271102453 201911027110270_DB1 11027110270_DB1 1102	CS_OFFL_SIR_LRM_220191102T095449_20191102T100114_D001		
Sci. CHI., SIR. LEM. 2. 2019102T103093 2019102T111920 DOOL Sign (Remoker 2), Solve-caller Sign (Remoker 2), Solve-caller Remoker 2, Solve-caller Remoker 2), Solve-caller Remoker 2), Solve-caller Remoker 2), Solve-caller Remoker 2), Solve-caller Remoker 2, Solve-caller Remoker 2), Solve-caller Remoker 2, Solve-caller	CS_OFFL_SIR_LRM_220191102T100119_20191102T101255_D001		
CS_OFFL_SRI_LEM_2_20191007114657_2019102711476_D001 Eq. (Filterabether 2), Buddeceater 2), Buddeceater 3), Buddeceater 30, Bu	CS_OFFL_SIR_LRM_220191102T101700_20191102T102054_D001		
CS_OFFL_SIR_LEM_2_201911027113034_2001 Signify Error (Recoulser 2), Backsocater control (Recoulser 2) for one or more control (Recoulser 2) and a begin and backsocater error for Retoulser 2 for one or more control (Recoulser 2) and a begin and backsocater error for Retoulser 2 for one or more control (Recoulser 2) and a begin and backsocater error for Retoulser 2 for one or more control (Recoulser 2) and a begin and backsocater error for Retoulser 2 for one or more control (Recoulser 2) and a begin and backsocater error for Retoulser 2 for one or more control (Recoulser 2) and a begin and backsocater error for Retoulser 2 for one or more control (Recoulser 2) and a begin and backsocater error for Retoulser 2 for one or more control (Recoulser 2) and a begin and backsocater error for Retoulser 2 for one or more control (Recoulser 2) and a begin error (Retoulser 2) and a begin error (Retoulser 2) and a begin error (Retoulser 2) and a begin error for Retoulser 2 and a begin error (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) and a begin error for Retoulser 2 for one or more control (Retoulser 2) a	CS_OFFL_SIR_LRM_220191102T103843_20191102T111021_D001	Error (Retracker 2), Surface Model	
Envi (Recasser 2) Envi (Recasse	CS_OFFL_SIR_LRM_220191102T114547_20191102T114743_D001		
Error (Retrocker 2) CS. OFFL, SIR LRM 2, 201911027124040 20191027130415,0001 CS. OFFL SIR LRM 2, 201911027130415,0001 CS. OFFL SIR LRM 2, 201911027130405, 0001 CS. OFFL SIR LRM 2, 201911027130405, 0001 CS. OFFL SIR LRM 2, 201911027130405, 201911027130405, 0001 CS. OFFL SIR LRM 2, 201911027130407, 201911027130405, 0001 CS. OFFL SIR LRM 2, 201911027150405, 201911027150405, 0001 CS. OFFL SIR LRM 2, 2019110271704054, 2019110271704051, 0001 CS. OFFL SIR LRM 2, 2019110271704054, 2019110271704054, 0001 CS. OFFL SIR	CS_OFFL_SIR_LRM_220191102T115027_20191102T115907_D001		
Error (Retractor 2) CS_OFFL_SR_LRM_2_2019102T13042_2019102T13045_0001 For (Retractor 2) CS_OFFL_SR_LRM_2_2019102T13051_2019102T1332T0_D001 For (Retractor 2) For	CS_OFFL_SIR_LRM_220191102T121708_20191102T123804_D001		
Entry (Retarder 2) Sept. SRL LRM. 2_20191102T13205_2019102T13270_DO01 Referracker 3), Backscatter Error (Retarder 2), 2019102T132705_2019102T133240_DO01 Referracker 3), Backscatter Error (Retarder 2), Backscatter Error	CS_OFFL_SIR_LRM_220191102T124049_20191102T125231_D001		
(Retrocker 3) Backscatter error for Retrocker 2 on on more records CS_OFFL_SIR_LRM_2_20191102713838_20191102713384_D001 CS_OFFL_SIR_LRM_2_20191102713839_20191102714338_D001 CS_OFFL_SIR_LRM_2_20191102713859_2019110271338_D001 CS_OFFL_SIR_LRM_2_20191102713659_201911027150403_D001 CS_OFFL_SIR_LRM_2_20191102713659_201911027150403_D001 CS_OFFL_SIR_LRM_2_201911027150407_201911027150403_D001 CS_OFFL_SIR_LRM_2_201911027150407_201911027150403_D001 CS_OFFL_SIR_LRM_2_201911027150407_201911027150403_D001 CS_OFFL_SIR_LRM_2_20191102715528_201911027150505_D001 CS_OFFL_SIR_LRM_2_20191102715528_201911027150505_D001 CS_OFFL_SIR_LRM_2_20191102715339_201911027150505_D001 CS_OFFL_SIR_LRM_2_20191102715328_201911027150505_D001 CS_OFFL_SIR_LRM_2_20191102715328_201911027150505_D001 CS_OFFL_SIR_LRM_2_20191102715328_201911027150505_D001 CS_OFFL_SIR_LRM_2_20191102715328_201911027150505_D001 CS_OFFL_SIR_LRM_2_20191102715328_201911027150505_D001 CS_OFFL_SIR_LRM_2_20191102715328_201911027150505_D001 CS_OFFL_SIR_LRM_2_201911027150405_201911027164108_D001 CS_OFFL_SIR_LRM_2_201911027173301_201911027164108_D001 CS_OFFL_SIR_LRM_2_20191102717326_201911027173314_D001 CS_OFFL_SIR_LRM_2_20191102717326_201911027173314_D001 CS_OFFL_SIR_LRM_2_20191102717326_201911027173314_D001 CS_OFFL_SIR_LRM_2_20191102717326_201911027173315_D001 CS_OFFL_SIR_LRM_2_20191102717326_201911027173315_D001 CS_OFFL_SIR_LRM_2_20191102717326_20191102713030000_D001 CS_OFFL_SIR_LRM_2_2019110271102710271030000_D001 CS_OFFL_SIR_LRM_2_2019110271102710271030000_D001 CS_OFFL_SIR_LRM_2_20191102710271027050000000000000000000000000	CS_OFFL_SIR_LRM_220191102T130142_20191102T130435_D001		
Esror (Rehander 2) Specific Sirk LRM 2_201911027135619_20191027154033_D001 Specific Sirk LRM 2_201911027135619_20191027154030_D001 Specific Sirk LRM 2_201911027150407_20191102715608_D001 Specific Sirk LRM 2_201911027150407_20191102715608_D001 Specific Sirk LRM 2_201911027150407_20191102715608_D001 Specific Sirk LRM 2_201911027150507_D001 Specific Sirk LRM 2_201911027150507_2019102715608_D001 Specific Sirk LRM 2_201911027150507_D001 Specific Sirk LRM 2_201911027173031_20191027173314_D001 Specific Sirk LRM 2_201911027174524_201911027173314_D001 Specific Sirk LRM 2_201911027174524_201911027173314_D001 Specific Sirk LRM 2_201911027174524_201911027173518_D001 Specific Sirk LRM 2_201911027174524_201911027173518_D001 Specific Sirk LRM 2_201911027174507_201911027173518_D001 Specific Sirk LRM 2_201911027105002_D001 Specific Sirk LRM 2_2019110271050002_D001 Specific Sirk LRM 2_2019110271050000_D001 Specific Sirk LRM 2_2019110271050000_D001 Specific Sirk LRM 2_2019110271050	CS_OFFL_SIR_LRM_220191102T132051_20191102T132700_D001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20191102T14402_20191102T151838_D001 Enror (Retracker 2), Surface Model Unavailable CS_OFFL_SIR_LRM_2_20191102T154440_20191102T151838_D001 CS_OFFL_SIR_LRM_2_20191102T150407_20191102T151838_D001 CS_OFFL_SIR_LRM_2_20191102T150407_20191102T151838_D001 CS_OFFL_SIR_LRM_2_20191102T150407_20191102T151838_D001 CS_OFFL_SIR_LRM_2_20191102T150252_20191102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T162445_20191102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T162445_20191102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T162445_20191102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T162445_20191102T160260_D001 CS_OFFL_SIR_LRM_2_20191102T16245_20191102T160260_D001 CS_OFFL_SIR_LRM_2_20191102T16245_20191102T173314_D001 CS_OFFL_SIR_LRM_2_20191102T173534_D001 CS_OFFL_SIR_LRM_2_20191102T174547_20191102T17558_D001 CS_OFFL_SIR_LRM_2_20191102T174547_20191102T17558_D001 CS_OFFL_SIR_LRM_2_20191102T174547_20191102T17558_D001 CS_OFFL_SIR_LRM_2_20191102T174547_20191102T17558_D001 CS_OFFL_SIR_LRM_2_20191102T174547_20191102T17558_D001 CS_OFFL_SIR_LRM_2_20191102T174547_20191102T17558_D001 CS_OFFL_SIR_LRM_2_20191102T174547_20191102T17558_D001 CS_OFFL_SIR_LRM_2_20191102T174547_20191102T17558_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T180300_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T180500_D001 CS_OFFL_SIR_LRM_2_20191102T180548_20191102T180500_D001 CS_OFFL_SIR_LRM_2_20191102T105448_20191102T201500_D001 CS_OFFL_SIR_LRM_2_20191102T105448_20191102T201500_D001 CS_OFFL_S	CS_OFFL_SIR_LRM_220191102T132836_20191102T133841_D001		*
Error (Retracker 2) SpFL_SIR_LRM_2_20191102T150407_20191102T151638_D001 CS_OFFL_SIR_LRM_2_20191102T15532_20191102T15505_D001 CS_OFFL_SIR_LRM_2_20191102T15532_20191102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T165228_20191102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T165228_20191102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T165228_20191102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T16245_20191102T16408_D001 CS_OFFL_SIR_LRM_2_20191102T173031_20191102T173314_D001 CS_OFFL_SIR_LRM_2_20191102T173031_20191102T173314_D001 CS_OFFL_SIR_LRM_2_20191102T17454_20191102T177314_D001 CS_OFFL_SIR_LRM_2_20191102T17454_20191102T177518_D001 CS_OFFL_SIR_LRM_2_20191102T17454_20191102T177518_D001 CS_OFFL_SIR_LRM_2_20191102T17454_20191102T177518_D001 CS_OFFL_SIR_LRM_2_20191102T17454_20191102T17518_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T17658_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T180800_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T180800_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T180800_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T180800_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T180342_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T185458_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T185458_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T185458_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T185458_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T185458_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T195442_D0019102T25540_D001 CS_OFFL_SIR_LRM_2_20191102T195486_20191102T254540_D001 CS_OFFL_SIR_LRM_2_20191102T195486_20191102T254540_D001 CS_OFFL_SIR_LRM_2_20191102T195486_20191102T254540_D001 CS_OFFL_SIR_LRM_2_20191102T195486_20191102T254540_D001 CS_OFFL_SIR_LRM_2_20191102T195486_20191102T254540_D001 CS_OFFL_SIR_LRM_2_20191102T195486_20191102T254540_D001 CS_OFFL_SIR_LRM_2_20191102T254547_20191102T254540_D001 CS_OFFL_SIR_LRM_2_20191102T2348_D0019102T254540_D001 CS_OFFL_SIR_LRM_2_20191102T	CS_OFFL_SIR_LRM_220191102T135619_20191102T143138_D001	Error (Retracker 2), Surface Model	
CS_OFFL_SIR_LRM_2_20191102T15532_20191102T165025_D001 CRetracter 2) CS_OFFL_SIR_LRM_2_20191102T15532_20191102T165025_D001 CS_OFFL_SIR_LRM_2_20191102T155228_2019102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T155228_2019102T160251_D001 CS_OFFL_SIR_LRM_2_20191102T162445_20191102T16418_D001 CS_OFFL_SIR_LRM_2_20191102T175228_20191102T175244_D001 CS_OFFL_SIR_LRM_2_20191102T1773031_20191102T173314_D001 CS_OFFL_SIR_LRM_2_20191102T177524_20191102T177544_D001 CS_OFFL_SIR_LRM_2_20191102T177524_20191102T177554_D001 CS_OFFL_SIR_LRM_2_20191102T174524_20191102T177554_D001 CS_OFFL_SIR_LRM_2_20191102T174524_20191102T17556_D001 CS_OFFL_SIR_LRM_2_20191102T174524_20191102T17556_D001 CS_OFFL_SIR_LRM_2_20191102T1780742_20191102T180340_D001 CS_OFFL_SIR_LRM_2_20191102T180742_20191102T180540_D001 CS_OFFL_SIR_LRM_2_20191102T180742_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T180742_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T195468_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T19547_20191102T2075754_D001 CS_OFFL_SIR_LRM_2_20191102T2075754_D001 CS_OFFL_SIR_LRM_2_20191102T2075754_D001 CS_OFFL_SIR_LRM_2_20191102T212547_20191102T2075754_D001 CS_OFFL_SIR_LRM_2_20191102T212547_2019102T212540_D001 CS_OFFL_SIR_LRM_2_20191102T212547_2019102T212540_D001 CS_OFFL_SIR_LRM_2_20191102T222738_D001 CS_OFFL_SIR_LRM_2_20191102T222738_D001 CS_OFFL_SIR_LRM_2_20191102T222738_D001 CS_OFFL_SIR_LRM_2_20191102T222738_D001 CS_OFFL_SIR_LRM_2_20191102T222744_2019102T2272780_D001 CS_	CS_OFFL_SIR_LRM_2_20191102T144403_20191102T150403_D001		
(Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) and a height error (Retracker 3) and a height error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Er	CS_OFFL_SIR_LRM_2_20191102T150407_20191102T151638_D001	(Retracker 3), Backscatter Error	
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20191102T162445_20191102T1644108_D001 CS_OFFL_SIR_LRM_2_20191102T173031_20191102T173314_D001 Error (Retracker 2) Rackscatter Error (Retracker 3) rone or more records There is a height and backscatter error for Retracker 2 and a height error (Retracker 2) Records There is a height and backscatter error for Retracker 2 and a height error (Retracker 2) Records There is a height and backscatter error for Retracker 2 and a height error (Retracker 2) Records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter Error (Retracker 3) Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20191102T181557_20191102T183847_D001 Error (Retracker 2). Backscatter Error (Retracker 3). Backscatter Error (Retracker 2). Backscatter Error (Retracker 3). Backscatter	CS_OFFL_SIR_LRM_2_20191102T153532_20191102T155025_D001	(Retracker 3), Backscatter Error	
(Retracker 3). Backscatter Error (Retracker 2). Backscatter Error (Retracker 3). Backscatter Error	CS_OFFL_SIR_LRM_2_20191102T155228_20191102T160251_D001	,	•
CS_OFFL_SIR_LRM_2_20191102T174524_20191102T174544_D001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter Error (Retracker 3). Backscatter Error (Retracker 2). Backscatter Erro	CS_OFFL_SIR_LRM_2_20191102T162445_20191102T164108_D001	(Retracker 3), Backscatter Error	
Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) and a height error for Retracker 2 for one or more records Height Error (Retracker 2), Height Error (Retracker 3), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2),	CS_OFFL_SIR_LRM_2_20191102T173031_20191102T173314_D001		· ·
Height Error (Retracker 2), Height Error (Retracker 2) and a height error (Retracker 3) abackscatter error for Retracker 2 and a height error (Retracker 3) abackscatter error for Retracker 2 and a height error (Retracker 3) abackscatter error for Retracker 2 and a height error for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20191102T181557_20191102T183847_D001	CS_OFFL_SIR_LRM_2_20191102T174524_20191102T174544_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20191102T180342_20191102T180600_D001 (Retracker 3), Backscatter Error (Retracker 3) and a height error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20191102T181313_D001 CS_OFFL_SIR_LRM_2_20191102T181557_20191102T183847_D001 CS_OFFL_SIR_LRM_2_20191102T185458_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T185458_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T195042_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T195042_20191102T201801_D001 CS_OFFL_SIR_LRM_2_20191102T203417_20191102T205754_D001 CS_OFFL_SIR_LRM_2_20191102T203417_20191102T205754_D001 CS_OFFL_SIR_LRM_2_20191102T212547_20191102T215540_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D00	CS_OFFL_SIR_LRM_220191102T174547_20191102T175158_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20191102T195042_20191102T201801_D001 Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), B	CS_OFFL_SIR_LRM_2_20191102T180342_20191102T180600_D001	(Retracker 3), Backscatter Error	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20191102T185458_20191102T191838_D001 CS_OFFL_SIR_LRM_2_20191102T195042_20191102T201801_D001 CS_OFFL_SIR_LRM_2_20191102T203417_20191102T205754_D001 CS_OFFL_SIR_LRM_2_20191102T203417_20191102T205754_D001 CS_OFFL_SIR_LRM_2_20191102T212547_20191102T215540_D001 CS_OFFL_SIR_LRM_2_20191102T212547_20191102T215540_D001 CS_OFFL_SIR_LRM_2_20191102T212547_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error	CS_OFFL_SIR_LRM_2_20191102T180723_20191102T181313_D001		
CS_OFFL_SIR_LRM_2_20191102T195458_20191102T201801_D001 CS_OFFL_SIR_LRM_2_20191102T203417_20191102T205754_D001 CS_OFFL_SIR_LRM_2_20191102T212547_20191102T215540_D001 CS_OFFL_SIR_LRM_2_20191102T212547_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T2221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T2221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T2221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T2221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T2221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T2221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T2221728_D001 CS_OFFL_SIR_LRM_2_20191102T2221318_20191102T2221728_D001	CS_OFFL_SIR_LRM_2_20191102T181557_20191102T183847_D001		
CS_OFFL_SIR_LRM_2_20191102T203417_20191102T205754_D001 CS_OFFL_SIR_LRM_2_20191102T203417_20191102T205754_D001 CS_OFFL_SIR_LRM_2_20191102T212547_20191102T215540_D001 CS_OFFL_SIR_LRM_2_20191102T212547_20191102T21728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 Height Error (Retracker 2), Backscatter Error (retracker 2	CS_OFFL_SIR_LRM_220191102T185458_20191102T191838_D001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20191102T203417_20191102T205754_D001 (Retracker 3), Backscatter Error (Retracker 2) Inlere 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_20191102T212547_20191102T215540_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) inlere is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220191102T195042_20191102T201801_D001		
CS_OFFL_SIR_LRM_2_20191102T212547_20191102T215540_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter records CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 CS_OFFL_SIR_LRM_2_20191102T221318_20191102T221728_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter 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 records There is a height and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220191102T203417_20191102T205754_D001	(Retracker 3), Backscatter Error	
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_201911021221316_201911021221726_D001 Error (Retracker 2) records Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220191102T212547_20191102T215540_D001	Height Error (Retracker 2), Backscatter	
	CS_OFFL_SIR_LRM_220191102T221318_20191102T221728_D001		•
	CS_OFFL_SIR_LRM_220191102T222144_20191102T222639_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_220191102T230240_20191102T233538_D001		There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records