

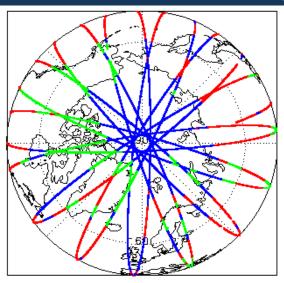
1. Overview

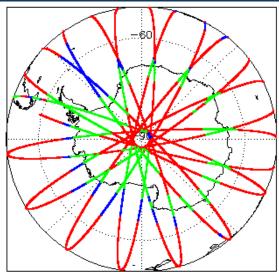
Report Production Date:	22-Mar-2022	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

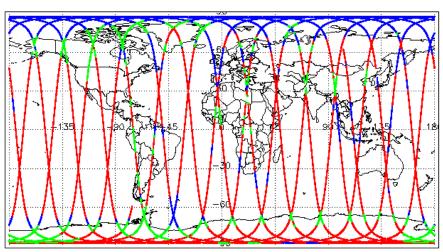
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	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
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

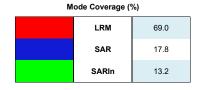
Mission / Ir	strument News
17-Feb-20	2 None
18-Feb-20	2 None
19-Feb-20	2 Nothing planned

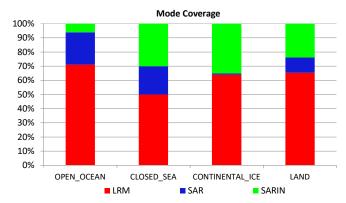
2. Global Coverage

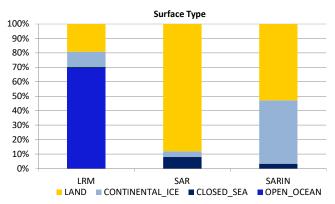












3. Instrument Configuration

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 NetCDF product file (.nc).

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_20220218T000458_20220218T001302_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T003838_20220218T004006_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004344_20220218T004431_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004448_20220218T004520_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004524_20220218T004533_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004537_20220218T004642_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004644_20220218T004648_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004653_20220218T004657_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004702_20220218T004707_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004712_20220218T004717_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004720_20220218T004752_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T004755_20220218T005223_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T010713_20220218T014111_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T014616_20220218T015146_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T015412_20220218T021932_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T022159_20220218T022200_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T022335_20220218T022849_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T025104_20220218T025110_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T025112_20220218T025119_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T025122_20220218T025142_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T025145_20220218T025152_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220218T025154 20220218T031950 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T032548_20220218T033033_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T033050_20220218T033146_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220218T033309 20220218T035414 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T035416_20220218T040213_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T040215_20220218T040216_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T040218_20220218T040226_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T040229_20220218T040257_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T040300_20220218T040527_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T040600_20220218T040811_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T052126_20220218T052941_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T053056_20220218T053559_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T054127_20220218T054240_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T054331_20220218T054403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T054403_20220218T054505_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T054806_20220218T054815_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T054919_20220218T055118_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T071420_20220218T071856_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T071900_20220218T071910_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T071941_20220218T072124_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220218T074035 20220218T074035 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T074037_20220218T074115_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T080313_20220218T081640_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T091908_20220218T092052_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T092056_20220218T092121_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_202202181092030_202202181092121_E001 CS_OFFL_SIR_LRM_1B_20220218T093822_20220218T093951_E001	Loss of echo	The tracking echo is missing for one or more records
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CS OFFI SIR IRM 1R 20220218T0020E7 20220218T004207 E001	I	1
CS_OFFL_SIR_LRM_1B_20220218T093957_20220218T094207_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T094321_20220218T095606_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T101334_20220218T102638_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T105810_20220218T105812_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T105817_20220218T105819_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T105822_20220218T105835_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T105837_20220218T105902_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T105906_20220218T105915_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T105917_20220218T105929_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T105931_20220218T105933_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T105935_20220218T105944_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T105946_20220218T110154_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T110203_20220218T110310_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T110314_20220218T110500_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T110817_20220218T111843_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T112022_20220218T113522_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T115335_20220218T115531_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T115823_20220218T120250_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T120752_20220218T120841_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T120846_20220218T120927_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T120932_20220218T121231_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T121354_20220218T122104_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T123602_20220218T123622_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T123700_20220218T124128_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T124131_20220218T124205_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T124207_20220218T124217_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T124219_20220218T124333_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T124335_20220218T124426_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T124428_20220218T124441_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T124443_20220218T124538_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T124924_20220218T124950_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220218T124952 20220218T125145 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T131728_20220218T132131_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T132152_20220218T132357_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T132738_20220218T140226_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220218T141934 20220218T142413 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T142824_20220218T145405_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220218T150052 20220218T150417 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T155727_20220218T160101_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T160324_20220218T160355_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T160358_20220218T160358_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220218T160400 20220218T160401 E001	Loss of echo	
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CS OEEL SID LDM 1B 20220218T160403 20220218T160404 E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T160403_20220218T160404_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T160407_20220218T160410_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001	Loss of echo Loss of echo Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T16325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173532_20220218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174218_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T192032_20220218T192052_E001 CS_OFFL_SIR_LRM_1B_20220218T192031_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192201_20220218T192909_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192909_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T193720_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T16325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T192201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192201_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T203231_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T16325_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T16325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T192032_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192909_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T200521_20220218T203231_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T16325_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T16335_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T1923720_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204138_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T16325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T180029_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192909_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T2034139_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T16325_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T180029_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192909_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192909_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T203231_E001 CS_OFFL_SIR_LRM_1B_20220218T200521_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T213823_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T214317_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T1634325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T17458_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T180029_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192999_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T204137_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T1634325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175524_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T180029_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192999_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T216052_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T216052_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215055_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215055_20220218T221216_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T1634325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T17458_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T180029_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192999_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T204137_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T1634325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175524_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T180029_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192999_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T216052_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T216052_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215055_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215055_20220218T221216_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_2020218T1634325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_202020218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T17458_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T192052_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192909_E001 CS_OFFL_SIR_LRM_1B_20220218T1920521_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T213823_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T2134317_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T20157_E001 CS_OFFL_SIR_LRM_1B_20220218T220159_20220218T221216_E001 CS_OFFL_SIR_LRM_1B_20220218T220159_20220218T221216_E001 CS_OFFL_SIR_LRM_1B_20220218T221610_20220218T221216_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_202020218T164325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T174218_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175524_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T180029_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T192052_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192099_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20459_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T221216_E001 CS_OFFL_SIR_LRM_1B_20220218T215052_20220218T221216_E001 CS_OFFL_SIR_LRM_1B_20220218T221815_20220218T221813_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_202020218T164325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_202020218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_20220218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174206_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T192052_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192099_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T241317_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T2213823_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T2213823_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T2213823_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T2213823_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T22116_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T22116_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T22116_E001 CS_OFFL_SIR_LRM_1B_20220218T221610_20220218T221854_E001 CS_OFFL_SIR_LRM_1B_20220218T221815_20220218T221854_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_202020218T164325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_202020218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T174505_E001 CS_OFFL_SIR_LRM_1B_20220218T173853_202020218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174318_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T192032_20220218T192052_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192099_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T203231_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T214317_E001 CS_OFFL_SIR_LRM_1B_20220218T213629_20220218T2214139_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T2214131_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T22161E_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T22161E_E001 CS_OFFL_SIR_LRM_1B_20220218T221815_2020218T221854_E001 CS_OFFL_SIR_LRM_1B_20220218T221856_20220218T2211854_E001 CS_OFFL_SIR_LRM_1B_20220218T221856_20220218T222112_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T1624325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T174505_E001 CS_OFFL_SIR_LRM_1B_20220218T17353_20220218T17458_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174718_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T17524_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T17534_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T192032_20220218T1920428_E001 CS_OFFL_SIR_LRM_1B_20220218T192012_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192399_E001 CS_OFFL_SIR_LRM_1B_20220218T193128_20220218T203231_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204025_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204025_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T221461E001 CS_OFFL_SIR_LRM_1B_20220218T2216025_20220218T221461E001 CS_OFFL_SIR_LRM_1B_20220218T2215025_20220218T221461E001 CS_OFFL_SIR_LRM_1B_20220218T221815_20220218T221813_E001 CS_OFFL_SIR_LRM_1B_20220218T221815_20220218T222116_E001 CS_OFFL_SIR_LRM_1B_20220218T221815_20220218T222116_E001 CS_OFFL_SIR_LRM_1B_20220218T221856_20220218T222112_E001 CS_OFFL_SIR_LRM_1B_20220218T221856_20220218T22231_E001 CS_OFFL_SIR_LRM_1B_20220218T2223942_20220218T22231_E001 CS_OFFL_SIR_LRM_1B_20220218T2223942_20220218T22231_E001 CS_OFFL_SIR_LRM_1B_20220218T223942_2	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162435_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T174505_E001 CS_OFFL_SIR_LRM_1B_20220218T17353_20220218T17458_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174236_20220218T174718_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T192032_20220218T192052_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192399_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T20409_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204025_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204025_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204025_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204025_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204025_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204025_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T214042_20220218T22141317_E001 CS_OFFL_SIR_LRM_1B_20220218T215025_20220218T221813_E001 CS_OFFL_SIR_LRM_1B_20220218T221505_20220218T221813_E001 CS_OFFL_SIR_LRM_1B_20220218T221815_20220218T221813_E001 CS_OFFL_SIR_LRM_1B_20220218T221815_20220218T2218154_E001 CS_OFFL_SIR_LRM_1B_20220218T221856_20220218T222112_E001 CS_OFFL_SIR_LRM_1B_20220218T221856_20220218T2222112_E001 CS_OFFL_SIR_LRM_1B_20220218T2223942_20220218T22231_E001 CS_OFFL_SIR_LRM_1B_20220218T223942_20220218T22231_E001	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_20220218T160407_20220218T160410_E001 CS_OFFL_SIR_LRM_1B_20220218T160414_20220218T160524_E001 CS_OFFL_SIR_LRM_1B_20220218T160526_20220218T162446_E001 CS_OFFL_SIR_LRM_1B_20220218T163522_20220218T164325_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T173605_E001 CS_OFFL_SIR_LRM_1B_20220218T173521_20220218T174158_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174201_20220218T174219_E001 CS_OFFL_SIR_LRM_1B_20220218T174541_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175224_20220218T174714_E001 CS_OFFL_SIR_LRM_1B_20220218T175244_20220218T175417_E001 CS_OFFL_SIR_LRM_1B_20220218T175534_20220218T180029_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T190216_20220218T190248_E001 CS_OFFL_SIR_LRM_1B_20220218T192032_20220218T192052_E001 CS_OFFL_SIR_LRM_1B_20220218T19201_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T192341_E001 CS_OFFL_SIR_LRM_1B_20220218T192413_20220218T193720_E001 CS_OFFL_SIR_LRM_1B_20220218T204109_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204106_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T204038_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20459_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T20459_20220218T204139_E001 CS_OFFL_SIR_LRM_1B_20220218T22055_20220218T224813_E001 CS_OFFL_SIR_LRM_1B_20220218T221505_20220218T22161E_E001 CS_OFFL_SIR_LRM_1B_20220218T221505_20220218T22161E_E001 CS_OFFL_SIR_LRM_1B_20220218T221850_2020218T221854_E001 CS_OFFL_SIR_LRM_1B_20220218T221850_2020218T22231E_E001 CS_OFFL_SIR_LRM_1B_20220218T221850_2020218T22231E_E001 CS_OFFL_SIR_LRM_1B_20220218T221850_2020218T22231E_E001 CS_OFFL_SIR_LRM_1B_20220218T223942_20220218T22231E_E001 CS_OFFL_SIR_LRM_1B_20220218T225401_20220218T225543_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for

CS_OFFL_SIR_LRM_1B_20220218T234054_20220218T234421_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T234802_20220218T235132_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T235134_20220218T235511_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T235517_20220218T235557_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T235631_20220218T235645_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T235652_20220218T235700_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T235703_20220218T235706_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T235709_20220218T235716_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T235721_20220218T235724_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T235731_20220218T235807_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220218T235810_20220219T000232_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

Λ

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:

0

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:

1

Product	Test Failed	Description
CS OFFL SIR LRM 1B 20220218T192201 20220218T192341 E001	Echo error. TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set,
C3_OFFE_SHY_ENW_1B_20220210F19220F_20220210F19234F_E00F	Lono enor, Trix ecito enor	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 NetCDF product file (.nc).

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
	I/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_220220218T004537_20220218T004642_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_LRM_2_20220218T010713_20220218T014111_E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS OFFL SIR LRM 2 20220218T014616 20220218T015146 E001	Error (Retracker 2) Surface Model Unavailable	records No DEM or Slope Model was used for the location of one or more records
	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220220218T015412_20220218T021932_E001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220220218T022159_20220218T022200_E001	Surface Model Unavailable Height Error (Retracker 2), Height Error	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220218T025154_20220218T031950_E001	(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_220220218T033309_20220218T035414_E001	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_220220218T035416_20220218T040213_E001	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_20220218T042518_20220218T045905_E001	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_220220218T052126_20220218T052941_E001	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_220220218T054919_20220218T055118_E001	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_220220218T060440_20220218T063846_E001	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_220220218T065049_20220218T071054_E001	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_220220218T071941_20220218T072124_E001	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_220220218T074037_20220218T074115_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220218T074243_20220218T080311_E001	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_220220218T080313_20220218T081640_E001	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_220220218T083010_20220218T090635_E001	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_220220218T092618_20220218T093340_E001	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_220220218T093822_20220218T093951_E001	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_220220218T093957_20220218T094207_E001	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_220220218T094321_20220218T095606_E001	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_220220218T101334_20220218T102638_E001	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_220220218T102852_20220218T104043_E001	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_220220218T110817_20220218T111843_E001	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_220220218T112022_20220218T113522_E001	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_220220218T115823_20220218T120250_E001	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_220220218T120846_20220218T120927_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220218T120932_20220218T121231_E001	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_220220218T121354_20220218T122104_E001	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_220220218T123602_20220218T123622_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220218T124219_20220218T124333_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220218T125245_20220218T131429_E001	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_220220218T132738_20220218T140226_E001	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_220220218T141709_20220218T141811_E001	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_220220218T142824_20220218T145405_E001	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_20220218T150649_20220218T154009_E001	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_220220218T160526_20220218T162446_E001	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_20220218T164553_20220218T172040_E001	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_20220218T173521_20220218T173605_E001	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_20220218T174541_20220218T174714_E001	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_2_20220218T180349_20220218T181324_E001	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_220220218T182538_20220218T184824_E001	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_220220218T185110_20220218T190041_E001	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_220220218T190216_20220218T190248_E001	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_220220218T191346_20220218T191646_E001	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_20220218T192201_20220218T192341_E001	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_220220218T192413_20220218T192909_E001	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_220220218T193128_20220218T193720_E001	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_220220218T193908_20220218T195231_E001	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_220220218T200521_20220218T203231_E001	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_220220218T203410_20220218T203737_E001	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_20220218T210232_20220218T212654_E001	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_220220218T215025_20220218T220157_E001	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_20220218T220159_20220218T221216_E001	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_20220218T223942_20220218T225130_E001	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_20220218T225749_20220218T230852_E001	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_220220218T232410_20220218T233914_E001	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_220220218T234054_20220218T234421_E001	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_220220218T234802_20220218T235132_E001	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_SAR_2_20220218T000202_20220218T000242_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T003027_20220218T003836_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T005223_20220218T005858_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T010454_20220218T010713_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T014111_20220218T014151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T023014_20220218T023228_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T023252_20220218T023350_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T023419_20220218T023913_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T031950_20220218T032118_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220218T040811_20220218T041002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T041113_20220218T042113_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T045905_20220218T050128_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T051144_20220218T051156_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T051816_20220218T052126_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T053908_20220218T054003_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T054505_20220218T054806_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T055118_20220218T060005_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T060407_20220218T060439_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T063846_20220218T064040_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T065038_20220218T065049_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T071911_20220218T071941_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T072124_20220218T072438_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T072438_20220218T073105_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T073247_20220218T074012_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T074115_20220218T074243_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T080311_20220218T080313_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T081640_20220218T081750_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T082924_20220218T083009_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T090635_20220218T090656_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T091154_20220218T091908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T092202_20220218T092618_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T093341_20220218T093822_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T094207_20220218T094320_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T100713_20220218T101333_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T102638_20220218T102852_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T104043_20220218T104317_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T104317_20220218T104852_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T105109_20220218T105810_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T111843_20220218T112022_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T115143_20220218T115148_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T115248_20220218T115335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T122227_20220218T122435_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T122948_20220218T123602_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220218T125146_20220218T125244_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T132644_20220218T132737_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T140811_20220218T141709_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T150538_20220218T150649_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T154505_20220218T155245_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T155320_20220218T155434_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T155552_20220218T155727_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T162446_20220218T162712_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T163345_20220218T163357_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T164437_20220218T164553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T172434_20220218T173105_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T173105_20220218T173410_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T173804_20220218T173853_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T174503_20220218T174541_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T180029_20220218T180330_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T180337_20220218T180348_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T181324_20220218T181332_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T182319_20220218T182538_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T184825_20220218T185110_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T190041_20220218T190216_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T190248_20220218T191005_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T191005_20220218T191231_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T191257_20220218T191346_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T191646_20220218T192032_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T192053_20220218T192201_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T192341_20220218T192413_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T193720_20220218T193908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T195231_20220218T195318_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T200257_20220218T200330_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T200402_20220218T200520_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T203231_20220218T203410_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T203737_20220218T204000_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T204245_20220218T204404_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T204422_20220218T204902_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

	Packagettar Error (Patracker 2)	
CS_OFFL_SIR_SAR_220220218T204902_20220218T205022_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T205355_20220218T205439_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T210219_20220218T210232_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T212654_20220218T213355_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T214448_20220218T214453_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T214934_20220218T215025_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T221216_20220218T221401_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T222231_20220218T222741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220218T222741_20220218T222902_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T223749_20220218T223941_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T233914_20220218T234054_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220218T234421_20220218T234802_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220218T000242_20220218T000458_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T001302_20220218T001450_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T004006_20220218T004156_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220220218T004156_20220218T004344_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T005859_20220218T010454_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220218T014151_20220218T014338_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T014545_20220218T014616_E001		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T015146_20220218T015412_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T022156_20220218T022159_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220218T022202_20220218T022335_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220220218T023228_20220218T023252_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220218T023350_20220218T023418_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220218T023913_20220218T024317_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220218T024348_20220218T025104_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220220218T032118_20220218T032300_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T032404_20220218T032547_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T033033_20220218T033050_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T033146_20220218T033309_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T042113_20220218T042518_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records

CS_OFFL_SIR_SIN_2 _20220218T050128_20220218T050458_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
00_0112_011_0111_2202202101000120_202202101000400_2001	track Angle Error Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_220220218T051028_20220218T051144_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T054003_20220218T054127_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220218T054815_20220218T054919_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220218T060005_20220218T060200_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220218T060328_20220218T060406_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220218T064040_20220218T064401_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T064915_20220218T065038_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T071054_20220218T071419_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220218T073106_20220218T073247_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T081750_20220218T081943_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T082815_20220218T082924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T090656_20220218T090741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T090741_20220218T090759_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T091046_20220218T091154_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T095606_20220218T095744_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T100517_20220218T100713_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T104853_20220218T105109_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220218T110500_20220218T110817_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T113522_20220218T113710_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T114352_20220218T115045_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T115149_20220218T115248_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T120251_20220218T120752_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T121231_20220218T121354_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220218T122104_20220218T122226_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220218T122435_20220218T122948_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T124539_20220218T124924_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220220218T131430_20220218T131728_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T132357_20220218T132644_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T140436_20220218T140715_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records

CS_OFFL_SIR_SIN_2_20220218T140715_20220218T140811_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T142413_20220218T142611_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220218T145405_20220218T145519_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T150417_20220218T150537_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T154010_20220218T154504_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T155245_20220218T155320_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T155435_20220218T155552_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T163358_20220218T163522_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T164325_20220218T164437_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T172040_20220218T172206_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T172302_20220218T172434_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220218T173501_20220218T173520_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220218T174321_20220218T174503_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220218T181333_20220218T181458_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T182014_20220218T182319_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T195318_20220218T195626_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T195916_20220218T200257_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T200330_20220218T200402_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220218T204404_20220218T204422_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T205022_20220218T205355_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220218T205443_20220218T205527_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220218T213355_20220218T213629_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T213823_20220218T214042_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T214317_20220218T214448_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T222902_20220218T223021_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T223418_20220218T223542_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T230852_20220218T231509_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T231742_20220218T231804_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220218T232230_20220218T232410_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records