

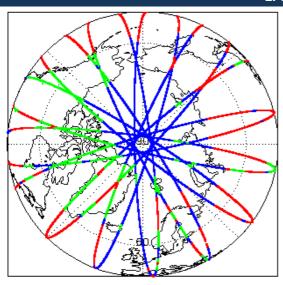
1. Overview

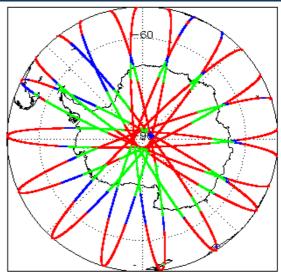
Report Production Date:	03-Mar-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

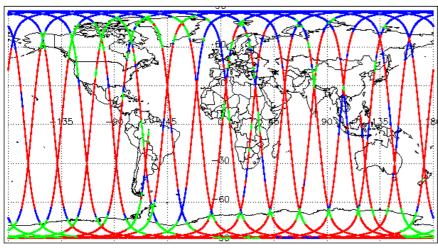
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

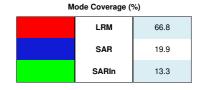
Mission / Instru	ment News
01-Feb-2022	None
02-Feb-2022	None
03-Feb-2022	Nothing planned

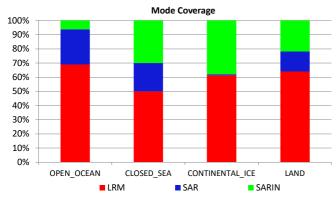
2. Global Coverage

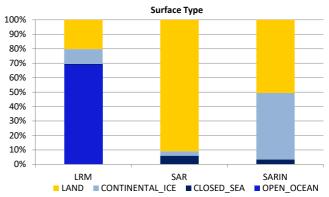












3. Instrument Configuration

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:

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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:

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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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220202T000034_20220202T000137_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T000158_20220202T000901_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T002046_20220202T002334_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T005353_20220202T005513_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T005545_20220202T005634_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T005637_20220202T005704_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T005716_20220202T005720_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T005725_20220202T005732_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T005734_20220202T010037_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T010039_20220202T010109_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T010111_20220202T010137_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T010140_20220202T010147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T010159_20220202T010232_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T010234_20220202T010239_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T010242_20220202T010520_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T010523_20220202T010603_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T010605_20220202T010811_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T012345_20220202T012923_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T013208_20220202T015615_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T015846_20220202T020721_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T020947_20220202T023502_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T023726_20220202T023755_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T024007_20220202T024334_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T025831_20220202T025919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T030041_20220202T030455_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T030642_20220202T030646_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T030648_20220202T030653_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T030655_20220202T030711_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T030719_20220202T030739_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T030741_20220202T033436_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T034101_20220202T034520_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T034831_20220202T041617_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T041620_20220202T041842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T041918_20220202T042136_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T042136_20220202T042400_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T053851_20220202T054413_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T054818_20220202T055358_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T055756_20220202T055922_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T060503_20220202T060550_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T061857_20220202T065330_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T072800_20220202T073452_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T073635_20220202T073809_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T073820_20220202T073826_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T082625_20220202T083200_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T093448_20220202T093508_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T093510_20220202T093533_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T093536_20220202T093609_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T095906_20220202T100416_E001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20220202T100455_20220202T101131_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T102928_20220202T104153_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220202T111340 20220202T111351 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111355_20220202T111357_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111405_20220202T111406_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111408_20220202T111418_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111422_20220202T111426_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111430_20220202T111433_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111436_20220202T111437_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111440_20220202T111444_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220202T111449 20220202T111500 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220202T111502 20220202T111654 E001	Loss of echo	•
		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111659_20220202T111707_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111709_20220202T111739_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111742_20220202T111753_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111756_20220202T111801_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111855_20220202T111911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T111913_20220202T111927_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T112143_20220202T113253_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220202T113603 20220202T115019 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T121137_20220202T121601_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T121605_20220202T121607_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T121610_20220202T121638_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220202T121640 20220202T121753 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T122322_20220202T122334_E001	Loss of echo	The tracking echo is missing for one or more records
		0
CS_OFFL_SIR_LRM_1B_20220202T122342_20220202T123500_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T125222_20220202T125700_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T125705_20220202T125712_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T125751_20220202T125759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T125804_20220202T125822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T125824_20220202T125829_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220202T125833 20220202T125835 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220202T125838 20220202T125846 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220202T125849_20220202T125912_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T125915_20220202T130219_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T130221_20220202T130401_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T130443_20220202T130600_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T133712_20220202T133829_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T134253_20220202T140619_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T140622_20220202T140947_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T141219_20220202T141738_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T141901_20220202T141951_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T143146_20220202T143836_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T144318_20220202T150340_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T161217_20220202T161253_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T161256_20220202T161605_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T161607_20220202T162039_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T162042_20220202T164827_E001		5
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T165015_20220202T165504_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T165510_20220202T165840_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T181058_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181553_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T181553_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193419001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_2022020T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_2022020T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_2022020T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205613_2022020T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_2022020T205739_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_2022020T225739_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_2022020T225739_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_2022020T225630_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T181058_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T193900_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_20220202T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205613_20220202T205638_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_20220202T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T225739_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T221630_E001 CS_OFFL_SIR_LRM_1B_20220202T220020_2022020T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T221634_2022020T222832_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181558_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193990_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T193990_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_20220202T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205613_20220202T205638_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_2022020T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T205739_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T221630_E001 CS_OFFL_SIR_LRM_1B_20220202T205634_2022020T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T221634_2022020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222634_2022020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T222832_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T181058_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T193900_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_20220202T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205613_20220202T205638_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_20220202T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T225739_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T221630_E001 CS_OFFL_SIR_LRM_1B_20220202T220020_2022020T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T221634_2022020T222832_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181558_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193990_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T193990_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_20220202T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205613_20220202T205638_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_2022020T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T205739_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T221630_E001 CS_OFFL_SIR_LRM_1B_20220202T205634_2022020T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T221634_2022020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222634_2022020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T222832_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T181058_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181553_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T193900_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_20220202T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_2022020T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_2022020T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T205739_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T221630_E001 CS_OFFL_SIR_LRM_1B_20220202T220564_2022020T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T2221634_2022020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T2223121_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T223311_E001 CS_OFFL_SIR_LRM_1B_20220202T222844_2022020T223311_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T193900_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_20220202T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T202732_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_2022020T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_2022020T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T220602_202020T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T220603_202020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T222841_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T223413_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T223413_2022020T223411_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T193900_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_20220202T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T202732_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_20220202T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T2205739_E001 CS_OFFL_SIR_LRM_1B_20220202T2205641_20220202T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T220644_20220202T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T220644_20220202T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T223312_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T223312_E001 CS_OFFL_SIR_LRM_1B_20220202T222841_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T222841_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T223413_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T223413_2022020T223431_E001 CS_OFFL_SIR_LRM_1B_20220202T223433_2022020T223457_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193442_E001 CS_OFFL_SIR_LRM_1B_20220202T193900_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_20220202T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T202732_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_2022020T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205661_20220202T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205661_20220202T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T2205651_20220202T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T2223121_E001 CS_OFFL_SIR_LRM_1B_20220202T222841_2022020T2223121_E001 CS_OFFL_SIR_LRM_1B_20220202T2223413_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T2223413_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T223413_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T223433_2022020T223431_E001 CS_OFFL_SIR_LRM_1B_20220202T223433_2022020T223431_E001 CS_OFFL_SIR_LRM_1B_20220202T223433_2022020T223457_E001 CS_OFFL_SIR_LRM_1B_20220202T223433_2022020T223457_E001 CS_OFFL_SIR_LRM_1B_20220202T223433_2022020T223457_E001 CS_OFFL_SIR_LRM_1B_20220202T223433_2022020T223457_E001 CS_OFFL_SIR_LRM_1B_20220202T223433_2022020T223504_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_20220202T165510_20220202T165840_E001 CS_OFFL_SIR_LRM_1B_20220202T174929_20220202T175114_E001 CS_OFFL_SIR_LRM_1B_20220202T175313_20220202T175527_E001 CS_OFFL_SIR_LRM_1B_20220202T175840_20220202T175940_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001 CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181510_E001 CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001 CS_OFFL_SIR_LRM_1B_20220202T193445_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T193450_E001 CS_OFFL_SIR_LRM_1B_20220202T193519_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T193900_20220202T194429_E001 CS_OFFL_SIR_LRM_1B_20220202T200935_20220202T201434_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T202732_E001 CS_OFFL_SIR_LRM_1B_20220202T202037_20220202T205319_E001 CS_OFFL_SIR_LRM_1B_20220202T205640_20220202T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T205648_E001 CS_OFFL_SIR_LRM_1B_20220202T205651_20220202T2205739_E001 CS_OFFL_SIR_LRM_1B_20220202T2205641_20220202T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T220644_20220202T221800_E001 CS_OFFL_SIR_LRM_1B_20220202T220644_20220202T222832_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T223312_E001 CS_OFFL_SIR_LRM_1B_20220202T222834_2022020T223312_E001 CS_OFFL_SIR_LRM_1B_20220202T222841_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T222841_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T223413_2022020T223411_E001 CS_OFFL_SIR_LRM_1B_20220202T223413_2022020T223431_E001 CS_OFFL_SIR_LRM_1B_20220202T223433_2022020T223457_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_20220202T223546_20220202T223550_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T223552_20220202T223558_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T223601_20220202T223623_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T223628_20220202T223635_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T223637_20220202T223639_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T223642_20220202T223659_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T223701_20220202T223705_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T230857_20220202T232342_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T233041_20220202T233252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T233936_20220202T235439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220202T235650_20220203T000625_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:

4.7 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 1B products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Block Degraded Flag: This flag is currently set for a number of individual records generally at the start or end of products (all modes), but this is to be expected.

Phase Perturbation Flag: This flag is currently set for all L1B SARIn products, indicating that the ADC correction application is deactivated, but this is in line with the current configuration.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220202T113603_20220202T115019_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220202T180123_20220202T180951_E001	IECHO ERROR I EK ECHO ERROR	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220202T181535_20220202T181909_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a 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
CS_OFFL_SIR_LRM_220220202T001343_20220202T001441_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_20220202T003025_20220202T004504_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_20220202T004643_20220202T004803_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_220220202T010140_20220202T010147_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220202T013208_20220202T015615_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_220220202T020947_20220202T023502_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_220220202T024531_20220202T024537_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_220220202T030741_20220202T033436_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_220220202T034831_20220202T041617_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_220220202T041918_20220202T042136_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220202T042633_20220202T042650_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_220220202T044151_20220202T051345_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_220220202T052743_20220202T053342_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_220220202T053851_20220202T054413_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_220220202T060503_20220202T060550_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_20220202T061857_20220202T065330_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220202T070629_20220202T072541_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_220220202T075805_20220202T082615_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_220220202T082625_20220202T083200_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_220220202T084539_20220202T091352_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_220220202T091437_20220202T092118_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_220220202T093957_20220202T095407_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_20220202T095906_20220202T100416_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_220220202T100455_20220202T101131_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_220220202T102928_20220202T104153_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_220220202T104312_20220202T105958_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_220220202T112143_20220202T113253_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_220220202T113603_20220202T115019_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_20220202T120604_20220202T121047_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_20220202T121137_20220202T121601_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_20220202T122342_20220202T123500_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_20220202T123741_20220202T123916_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220202T125915_20220202T130219_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220202T130221_20220202T130401_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
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CS_OFFL_SIR_LRM_220220202T131413_20220202T132923_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_220220202T134253_20220202T140619_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_220220202T140622_20220202T140947_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_220220202T144318_20220202T150340_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_220220202T150418_20220202T150912_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220202T152201_20220202T154931_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_220220202T162042_20220202T164827_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_220220202T170244_20220202T173637_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_220220202T174929_20220202T175114_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_220220202T175840_20220202T175940_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_220220202T180123_20220202T180951_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_220220202T182518_20220202T182810_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_220220202T184126_20220202T190338_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_220220202T190623_20220202T191523_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_220220202T192818_20220202T193116_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_20220202T193900_20220202T194429_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_220220202T194738_20220202T200729_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_220220202T202037_20220202T202732_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_20220202T202734_20220202T205319_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_20220202T211849_20220202T214212_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_20220202T220020_20220202T221630_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_20220202T221634_20220202T221800_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_20220202T222241_20220202T222832_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_20220202T222834_20220202T223121_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_20220202T225033_20220202T230643_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_220220202T230857_20220202T232342_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_20220202T233936_20220202T235439_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_220220202T235650_20220203T000625_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_SAR_220220202T000901_20220202T001254_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_220220202T001330_20220202T001343_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_220220202T003000_20220202T003025_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_20220202T004504_20220202T004643_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_220220202T004803_20220202T005032_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_20220202T005032_20220202T005353_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_20220202T010811_20220202T011417_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_20220202T011636_20220202T011720_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_20220202T011900_20220202T011912_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_20220202T011950_20220202T012210_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_20220202T012923_20220202T013045_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_20220202T015615_20220202T015700_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_20220202T020906_20220202T020947_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_20220202T024537_20220202T024802_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_20220202T024819_20220202T024916_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_20220202T024938_20220202T025348_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_20220202T033436_20220202T033639_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_20220202T034806_20220202T034831_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_20220202T042400_20220202T042633_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_20220202T042650_20220202T043430_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_20220202T051346_20220202T051626_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_20220202T052718_20220202T052742_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_20220202T053342_20220202T053851_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_20220202T055358_20220202T055537_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_20220202T055645_20220202T055730_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_20220202T060326_20220202T060354_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_20220202T060550_20220202T060651_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_20220202T060739_20220202T061527_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_20220202T065330_20220202T065605_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_20220202T070552_20220202T070629_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_20220202T073452_20220202T073635_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_20220202T073826_20220202T073913_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_20220202T073913_20220202T074405_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_20220202T074412_20220202T074700_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_20220202T074736_20220202T075805_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_20220202T083201_20220202T083322_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_20220202T084452_20220202T084539_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_20220202T091352_20220202T091437_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_20220202T092205_20220202T092245_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_20220202T092713_20220202T093437_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_220220202T093641_20220202T093957_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_220220202T095408_20220202T095627_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_220220202T095631_20220202T095906_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_20220202T100416_20220202T100455_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_20220202T102241_20220202T102928_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_20220202T104154_20220202T104312_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_20220202T110624_20220202T111145_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_20220202T111216_20220202T111339_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_20220202T113253_20220202T113602_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_20220202T115019_20220202T115042_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_20220202T120151_20220202T120401_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_20220202T120533_20220202T120604_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_20220202T121047_20220202T121136_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_20220202T123917_20220202T123958_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_20220202T124042_20220202T124052_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_20220202T124520_20220202T125222_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_20220202T130600_20220202T131413_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_20220202T132923_20220202T133007_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_20220202T134156_20220202T134252_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_20220202T140947_20220202T141219_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_20220202T142342_20220202T142848_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_20220202T142927_20220202T143146_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_20220202T150340_20220202T150418_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_20220202T150912_20220202T150934_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_20220202T152116_20220202T152201_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_20220202T154931_20220202T155125_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_20220202T160035_20220202T160926_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_20220202T160945_20220202T161217_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_20220202T164827_20220202T164851_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_20220202T170017_20220202T170244_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_20220202T173958_20220202T174929_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_20220202T175114_20220202T175313_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_20220202T175653_20220202T175840_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_20220202T175941_20220202T180123_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_20220202T181909_20220202T182140_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_20220202T182319_20220202T182518_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_20220202T182810_20220202T182845_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_20220202T183847_20220202T184126_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_20220202T190338_20220202T190623_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_20220202T191523_20220202T192524_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_20220202T192524_20220202T192650_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_20220202T192753_20220202T192818_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_20220202T193304_20220202T193445_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_20220202T193710_20220202T193900_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_20220202T200729_20220202T200821_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_20220202T201755_20220202T202037_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_20220202T205319_20220202T205503_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_20220202T205506_20220202T205612_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_20220202T205739_20220202T210423_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_20220202T210423_20220202T211004_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_20220202T211038_20220202T211849_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_20220202T214212_20220202T214910_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_20220202T220006_20220202T220020_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_20220202T221800_20220202T222241_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_20220202T223244_20220202T223335_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_20220202T223723_20220202T224311_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_20220202T224311_20220202T224421_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_20220202T225013_20220202T225033_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_20220202T230643_20220202T230857_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_20220202T232342_20220202T232426_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_20220202T232609_20220202T232615_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_20220202T233929_20220202T233936_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_220220202T235439_20220202T235638_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_220220202T001254_20220202T001330_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_220220202T001442_20220202T002045_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_220220202T002334_20220202T002346_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220202T002817_20220202T003000_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_220220202T010941_20220202T010942_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_20220202T011417_20220202T011635_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_20220202T011721_20220202T011859_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_20220202T011912_20220202T011950_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_20220202T012210_20220202T012333_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_20220202T013045_20220202T013207_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_20220202T015701_20220202T015846_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_20220202T020722_20220202T020906_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_20220202T023502_20220202T023726_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_20220202T023755_20220202T023904_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_20220202T024802_20220202T024818_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_220220202T024916_20220202T024938_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_20220202T025348_20220202T025830_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_20220202T033639_20220202T033814_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_20220202T033943_20220202T034101_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220202T034520_20220202T034805_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2),	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_20220202T043430_20220202T044151_E001	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_20220202T051626_20220202T052014_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_20220202T052601_20220202T052718_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_20220202T055537_20220202T055644_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_20220202T060203_20220202T060326_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_20220202T060420_20220202T060502_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_20220202T060651_20220202T060738_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_20220202T061527_20220202T061644_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_20220202T061725_20220202T061856_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_20220202T065605_20220202T065920_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_20220202T070433_20220202T070552_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_20220202T072541_20220202T072800_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_20220202T074701_20220202T074736_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_20220202T082615_20220202T082625_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_20220202T083322_20220202T083733_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_20220202T084341_20220202T084451_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_220220202T092246_20220202T092512_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_220220202T092552_20220202T092713_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_220220202T101131_20220202T101257_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_220220202T102055_20220202T102240_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_220220202T105959_20220202T110421_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_220220202T110508_20220202T110623_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_20220202T111145_20220202T111215_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_20220202T111929_20220202T112143_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_220220202T115042_20220202T115225_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_220220202T115916_20220202T120151_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_220220202T120401_20220202T120532_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_220220202T123618_20220202T123740_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_220220202T123958_20220202T124042_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_220220202T124052_20220202T124518_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_220220202T124518_20220202T124519_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_220220202T133007_20220202T133200_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_220220202T133650_20220202T133656_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220202T133829_20220202T134156_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_220220202T141951_20220202T142342_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_220220202T142848_20220202T142927_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_220220202T143836_20220202T144018_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_20220202T144109_20220202T144318_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_220220202T150935_20220202T151201_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_220220202T151550_20220202T151555_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220202T151937_20220202T152116_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_220220202T155125_20220202T160035_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_220220202T160926_20220202T160945_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_220220202T164851_20220202T165015_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_220220202T165840_20220202T170016_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_20220202T173637_20220202T173756_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_220220202T173939_20220202T173958_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_220220202T182845_20220202T183009_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_20220202T183535_20220202T183847_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_20220202T192651_20220202T192752_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_20220202T193116_20220202T193304_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_20220202T193611_20220202T193710_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_220220202T194429_20220202T194738_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_20220202T200821_20220202T200935_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_20220202T201434_20220202T201755_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_20220202T211004_20220202T211038_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_20220202T214910_20220202T215146_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_20220202T215339_20220202T220005_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_20220202T224421_20220202T224542_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_20220202T224836_20220202T225012_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_20220202T232426_20220202T232608_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_20220202T232615_20220202T233040_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_20220202T233252_20220202T233337_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220202T233754_20220202T233929_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