

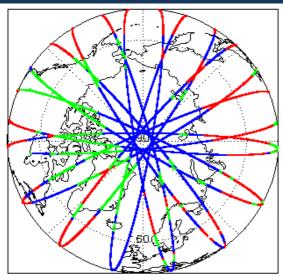
1. Overview

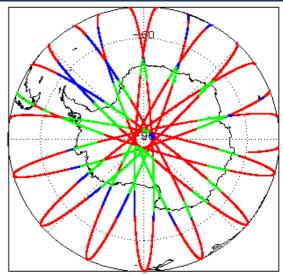
Report Production Date:	07-Apr-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

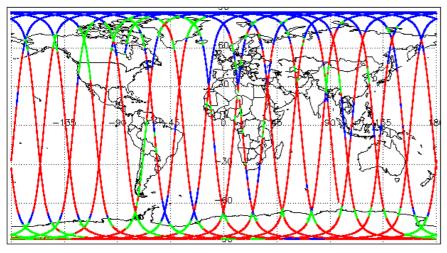
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

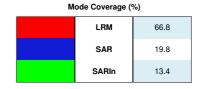
Ì	Mission / Instru	ment News
	07-Mar-2022	None
	08-Mar-2022	None
	09-Mar-2022	Nothing planned

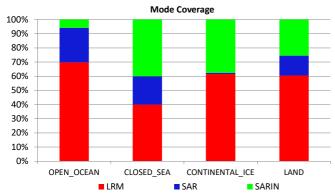
2. Global Coverage

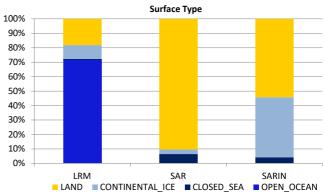












3. Instrument Configuration

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:

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.

Number of products with errors:

138

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220308T002556_20220308T002643_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T002804_20220308T002823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T002825_20220308T002828_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T002830_20220308T002832_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T002901_20220308T002931_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T002933 20220308T003411 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T004912_20220308T005834_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T005837 20220308T005844 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T005847 20220308T005912 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T005914 20220308T012413 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T012919 20220308T013354 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T014220_20220308T020229_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T020233 20220308T020630 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T020737_20220308T021048_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T021048_20220308T021235_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T023321_20220308T023350_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T031557 20220308T033545 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T033547 20220308T033552 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T033554 20220308T033818 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T033827 20220308T033830 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T033840 20220308T033851 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T033854_20220308T034121_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T034126 20220308T034336 E001		
CS_OFFL_SIR_LRM_1B_20220308T034426_20220308T034456_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T034406_20220308T034456_E001 CS_OFFL_SIR_LRM_1B_20220308T034459_20220308T034511_E001	Loss of echo Loss of echo	The tracking echo is missing for one or more records
	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_20220308T034709_20220308T034759_E001		
CS_OFFL_SIR_LRM_1B_20220308T034759_20220308T034819_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T035232_20220308T035311_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T035329_20220308T035431_E001	Loss of echo Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T050354_20220308T050512_E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T050517_20220308T051155_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T051230_20220308T051522_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T051707_20220308T051852_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T052035_20220308T052211_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T052651_20220308T052707_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T052707_20220308T052729_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T053035_20220308T053312_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T064855_20220308T065512_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T065525_20220308T065601_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T065647_20220308T070130_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T072331_20220308T072426_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T090200_20220308T090302_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T090308_20220308T090312_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T090316_20220308T090337_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T090340_20220308T090351_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T090357_20220308T090403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T090405_20220308T090415_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T090425_20220308T090436_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20220308T090818_20220308T090822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T090824_20220308T092112_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T092313 20220308T093901 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220308T095511_20220308T100525_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T100631_20220308T100902_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T101144_20220308T102304_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T102457_20220308T102637_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T104043_20220308T104448_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T104450_20220308T104500_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T104502_20220308T104503_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T104507 20220308T104531 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T104534 20220308T104539 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220308T104541_20220308T104546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T104551_20220308T104555_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T104557_20220308T104602_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T104606_20220308T104606_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T104611_20220308T104615_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T104618_20220308T104621_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T104623_20220308T105558_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T113128_20220308T120516_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220308T121919_20220308T122507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T122509_20220308T122510_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T122514_20220308T122535_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T122538_20220308T122645_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T122647 20220308T122715 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T122820_20220308T122902_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T123313_20220308T123400_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T130043_20220308T130415_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T131021 20220308T133936 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T140050_20220308T140142_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T140201_20220308T140916_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T140945_20220308T141122_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T141124 20220308T141124 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220308T141127_20220308T143654_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T144337_20220308T144704_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T154105_20220308T154349_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T154423_20220308T154509_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T154705 20220308T155723 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T155919_20220308T160006_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T160058_20220308T160628_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T161826_20220308T162403_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220308T171912 20220308T171915 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T171912_20220308T171915_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T172258_20220308T172337_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T172258_20220308T172337_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001	Loss of echo 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 The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001	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 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 The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001	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 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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001	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 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 The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001	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 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 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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T200516_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202423_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202455_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202501_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202556_20220308T202534_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173038_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T200516_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202554_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202556_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202556_20220308T202537_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T200516_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202423_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202455_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202501_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202556_20220308T202534_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173038_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T200516_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202554_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202556_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202556_20220308T202537_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T173750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T200516_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202423_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T2024248_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202515_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202525_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202572_2020308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202572_2020308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T205721_20220308T211100_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T200516_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202426_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202515_20220308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202526_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202526_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T205572_20220308T211100_E001 CS_OFFL_SIR_LRM_1B_20220308T212755_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T21755_20220308T214819_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T211100_E001 CS_OFFL_SIR_LRM_1B_20220308T212755_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T212755_20220308T214434_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T215459_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T205537_20220308T205537_E001 CS_OFFL_SIR_LRM_1B_20220308T205537_20220308T205537_E001 CS_OFFL_SIR_LRM_1B_20220308T205537_20220308T205537_E001 CS_OFFL_SIR_LRM_1B_20220308T205537_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T215459_E001 CS_OFFL_SIR_LRM_1B_20220308T215459_2020308T20551_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T211100_E001 CS_OFFL_SIR_LRM_1B_20220308T212755_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T212755_20220308T214434_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T215459_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T205537_20220308T205537_E001 CS_OFFL_SIR_LRM_1B_20220308T205537_20220308T205537_E001 CS_OFFL_SIR_LRM_1B_20220308T205537_20220308T205537_E001 CS_OFFL_SIR_LRM_1B_20220308T205537_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T215459_E001 CS_OFFL_SIR_LRM_1B_20220308T215459_2020308T20551_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T1730308_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184450_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202423_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202426_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T211100_E001 CS_OFFL_SIR_LRM_1B_20220308T2055721_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T21755_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T214539_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_202308T215459_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_202308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_202308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_202308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T20555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220559_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220559_20220308T220510_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T1730308_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202423_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202426_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T2055721_20220308T211100_E001 CS_OFFL_SIR_LRM_1B_20220308T2055721_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T2145459_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T215459_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220059_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220113_20220308T220158_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T17308_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184519_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202426_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T211100_E001 CS_OFFL_SIR_LRM_1B_20220308T212755_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T21459_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T21459_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T215459_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_202308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220158_E001 CS_OFFL_SIR_LRM_1B_20220308T220113_20220308T220158_E001 CS_OFFL_SIR_LRM_1B_20220308T220022_2020308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220022_2020308T220055_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T1730308_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202423_E001 CS_OFFL_SIR_LRM_1B_20220308T202426_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202426_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202521_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T20556_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T2055721_20220308T211100_E001 CS_OFFL_SIR_LRM_1B_20220308T2055721_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T21755_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T21755_20220308T215459_E001 CS_OFFL_SIR_LRM_1B_20220308T21755_20220308T215459_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T20055_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T20055_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220059_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220113_20220308T220158_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T1730308_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202423_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202426_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202556_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T20556_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T20557_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T20555_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T2147555_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T2147555_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T2147555_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T214595_E001 CS_OFFL_SIR_LRM_1B_20220308T214555_20220308T215459_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220555_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220050_2020308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220050_2020308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220020_2020308T220055_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T1730308_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T184419_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T194857_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202426_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202501_20220308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202551_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T2025521_2020308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T2025537_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T21755_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T21755_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T21755_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T21459_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T215459_E001 CS_OFFL_SIR_LRM_1B_20220308T215802_2020308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_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_20220308T172258_20220308T172337_E001 CS_OFFL_SIR_LRM_1B_20220308T172358_20220308T172404_E001 CS_OFFL_SIR_LRM_1B_20220308T172445_20220308T172454_E001 CS_OFFL_SIR_LRM_1B_20220308T172831_20220308T173008_E001 CS_OFFL_SIR_LRM_1B_20220308T173151_20220308T173539_E001 CS_OFFL_SIR_LRM_1B_20220308T175750_20220308T180259_E001 CS_OFFL_SIR_LRM_1B_20220308T1844519_20220308T184501_E001 CS_OFFL_SIR_LRM_1B_20220308T184504_20220308T184538_E001 CS_OFFL_SIR_LRM_1B_20220308T191254_20220308T193029_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202404_E001 CS_OFFL_SIR_LRM_1B_20220308T202308_20220308T202423_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202408_20220308T202428_E001 CS_OFFL_SIR_LRM_1B_20220308T202432_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202448_20220308T202445_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202504_E001 CS_OFFL_SIR_LRM_1B_20220308T202510_2020308T202510_E001 CS_OFFL_SIR_LRM_1B_20220308T202515_20220308T202511_E001 CS_OFFL_SIR_LRM_1B_20220308T202515_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202515_20220308T202534_E001 CS_OFFL_SIR_LRM_1B_20220308T202515_20220308T202537_E001 CS_OFFL_SIR_LRM_1B_20220308T202537_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T214334_E001 CS_OFFL_SIR_LRM_1B_20220308T214535_20220308T214819_E001 CS_OFFL_SIR_LRM_1B_20220308T214821_20220308T214819_E001 CS_OFFL_SIR_LRM_1B_20220308T212755_20220308T214819_E001 CS_OFFL_SIR_LRM_1B_20220308T22055_20220308T22055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T220055_20220308T220055_E001 CS_OFFL_SIR_LRM_1B_20220308T22005	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for

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CS_OFFL_SIR_LRM_1B_20220308T224736_20220308T224821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T225018_20220308T225143_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T225727_20220308T230517_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233056_20220308T233203_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233559_20220308T233745_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233747_20220308T233849_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233851_20220308T233853_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233857_20220308T233857_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233900_20220308T233905_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233909_20220308T233918_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233921_20220308T233927_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233929_20220308T233936_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T233939_20220308T234004_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T234006_20220308T234140_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220308T234143_20220308T234459_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_20220308T005914_20220308T012413_E001	IECHO error I RK echo error	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_220220307T235759_20220308T002053_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_20220308T002804_20220308T002823_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220308T005914_20220308T012413_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_20220308T014220_20220308T020229_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_20220308T023538_20220308T030316_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_220220308T031557_20220308T033545_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_220220308T033854_20220308T034121_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_220220308T034406_20220308T034456_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_220220308T035329_20220308T035431_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_220220308T040706_20220308T044216_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_220220308T050354_20220308T050512_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_220220308T053035_20220308T053312_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_220220308T054714_20220308T055551_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_220220308T055836_20220308T062137_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_220220308T063335_20220308T064708_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_220220308T064855_20220308T065512_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_220220308T065647_20220308T070130_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_220220308T072645_20220308T075942_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_220220308T081747_20220308T084800_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_220220308T090316_20220308T090337_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220308T090824_20220308T092112_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_220220308T092313_20220308T093901_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_220220308T095511_20220308T100525_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_220220308T101144_20220308T102304_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_220220308T104623_20220308T105558_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_220220308T105852_20220308T110135_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_220220308T110314_20220308T111757_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_20220308T113128_20220308T120516_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_220220308T120740_20220308T120823_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_220220308T121919_20220308T122507_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220308T122538_20220308T122645_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220308T123444_20220308T125733_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_20220308T131021_20220308T133936_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_220220308T141127_20220308T143654_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_20220308T144947_20220308T152439_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_220220308T154705_20220308T155723_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_20220308T162912_20220308T170317_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_20220308T172831_20220308T173008_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_20220308T173637_20220308T175617_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_20220308T180817_20220308T184306_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_20220308T190738_20220308T191159_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_220220308T191254_20220308T193029_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_20220308T194857_20220308T200516_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_20220308T200519_20220308T200612_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_20220308T200617_20220308T201026_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_20220308T201103_20220308T201821_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_220220308T203809_20220308T205614_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_220220308T205721_20220308T211100_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_220220308T212755_20220308T214334_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_220220308T214535_20220308T214819_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_220220308T214821_20220308T215459_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_220220308T222038_20220308T222057_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_220220308T222250_20220308T223422_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_220220308T224024_20220308T224055_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220308T225018_20220308T225143_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_220220308T230705_20220308T232240_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_20220308T002054_20220308T002149_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_20220308T003509_20220308T004158_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_20220308T012413_20220308T012509_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_20220308T013613_20220308T013649_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_20220308T014138_20220308T014219_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_20220308T021235_20220308T021407_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_20220308T021455_20220308T021642_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_20220308T021703_20220308T022225_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_220220308T023350_20220308T023538_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_20220308T030317_20220308T030442_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_220220308T034511_20220308T034708_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_20220308T035431_20220308T035544_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_220220308T035610_20220308T040406_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_220220308T044216_20220308T044433_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_220220308T045415_20220308T045435_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_220220308T045743_20220308T045941_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_20220308T050145_20220308T050354_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_20220308T052211_20220308T052530_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_20220308T052729_20220308T052908_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_20220308T053312_20220308T053411_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_220220308T053437_20220308T054347_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_220220308T054402_20220308T054437_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_220220308T054457_20220308T054714_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_220220308T055551_20220308T055836_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_220220308T062137_20220308T062221_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_220220308T063327_20220308T063335_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_220220308T064708_20220308T064855_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_20220308T070131_20220308T070834_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_220220308T070834_20220308T070954_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_20220308T071041_20220308T071142_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_220220308T071543_20220308T072012_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_220220308T072013_20220308T072322_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_220220308T072439_20220308T072645_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_220220308T075943_20220308T075955_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_220220308T081139_20220308T081325_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_220220308T081446_20220308T081747_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_220220308T084800_20220308T084815_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_220220308T085439_20220308T090021_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_220220308T090034_20220308T090200_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_220220308T090527_20220308T090723_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_220220308T092112_20220308T092144_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_220220308T092148_20220308T092313_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_220220308T095006_20220308T095511_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_220220308T102304_20220308T102457_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_220220308T102637_20220308T102744_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_20220308T103044_20220308T103141_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_20220308T103354_20220308T104043_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_20220308T105558_20220308T105852_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_20220308T110135_20220308T110314_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_20220308T111757_20220308T111806_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_20220308T120517_20220308T120740_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_20220308T121219_20220308T121738_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_220220308T121812_20220308T121919_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_220220308T123400_20220308T123443_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_220220308T125733_20220308T125811_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_220220308T130950_20220308T131021_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_220220308T135036_20220308T140032_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_220220308T144838_20220308T144947_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_220220308T152810_20220308T153118_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_220220308T153118_20220308T153549_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_20220308T153614_20220308T154105_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_220220308T154509_20220308T154544_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_220220308T154554_20220308T154705_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_220220308T160628_20220308T161016_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_220220308T161648_20220308T161713_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_220220308T162721_20220308T162912_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_20220308T170317_20220308T170405_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_20220308T170456_20220308T170533_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_20220308T170604_20220308T171353_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_20220308T171353_20220308T171518_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_20220308T171540_20220308T171552_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_20220308T171613_20220308T171708_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_20220308T171915_20220308T172257_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_20220308T172512_20220308T172831_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_20220308T175618_20220308T175626_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_20220308T180607_20220308T180817_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_20220308T184306_20220308T184419_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_20220308T184610_20220308T185252_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_220220308T185252_20220308T185713_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_220220308T185723_20220308T190737_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_220220308T193030_20220308T193327_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_220220308T193457_20220308T193712_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_220220308T194730_20220308T194857_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_220220308T200613_20220308T200617_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_220220308T201026_20220308T201102_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_220220308T201821_20220308T202307_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_220220308T202538_20220308T202634_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_220220308T202645_20220308T202654_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_220220308T202727_20220308T203146_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_220220308T203146_20220308T203258_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_20220308T203725_20220308T203809_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_20220308T205614_20220308T205721_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_220220308T211101_20220308T211638_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_20220308T214334_20220308T214535_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_20220308T220523_20220308T221006_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_20220308T221006_20220308T221159_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_220220308T221627_20220308T222038_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_20220308T222058_20220308T222250_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_220220308T232240_20220308T232319_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_220220308T232319_20220308T232417_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_220220308T232419_20220308T232614_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_220220308T232630_20220308T233056_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_20220308T234459_20220308T235119_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_20220308T235610_20220308T235632_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_220220308T235705_20220308T235918_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_220220308T002236_20220308T002553_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_220220308T002643_20220308T002804_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_20220308T004159_20220308T004648_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_220220308T012509_20220308T012632_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_220220308T012822_20220308T012919_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220308T013354_20220308T013613_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_20220308T021407_20220308T021455_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

	Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SIN_220220308T021642_20220308T021702_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_20220308T022226_20220308T023321_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_220220308T030442_20220308T030603_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_220220308T030609_20220308T030837_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_220220308T031430_20220308T031557_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_220220308T035312_20220308T035329_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_220220308T035544_20220308T035610_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_220220308T040406_20220308T040513_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_220220308T040544_20220308T040705_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_220220308T044433_20220308T044745_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_220220308T045302_20220308T045415_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_220220308T052530_20220308T052651_E001	SARIn X-track Angle Error, Surface model unavailable backscatter Error (Hetracker 2),	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_220220308T052908_20220308T053035_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	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_220220308T054347_20220308T054402_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_220220308T054437_20220308T054457_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_220220308T062221_20220308T062630_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_220220308T063202_20220308T063327_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_220220308T070955_20220308T071040_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_220220308T071142_20220308T071541_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_220220308T075955_20220308T080133_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_220220308T080956_20220308T081139_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_220220308T084815_20220308T084953_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_220220308T085343_20220308T085439_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_220220308T090021_20220308T090034_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_220220308T093901_20220308T094043_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_220220308T094749_20220308T095006_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_220220308T102744_20220308T103044_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_220220308T103141_20220308T103240_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_220220308T103241_20220308T103354_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_220220308T111806_20220308T111958_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_20220308T112644_20220308T113127_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_20220308T120823_20220308T121218_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_20220308T121738_20220308T121812_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_20220308T122715_20220308T122819_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_20220308T122902_20220308T123236_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_20220308T125811_20220308T130043_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_20220308T130431_20220308T130437_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220308T130801_20220308T130950_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_220220308T133936_20220308T135035_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_20220308T143654_20220308T143826_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_220220308T144705_20220308T144838_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_20220308T152439_20220308T152626_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_220220308T152657_20220308T152810_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_220220308T153549_20220308T153614_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_220220308T161713_20220308T161826_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_220220308T162403_20220308T162526_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220308T162605_20220308T162721_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_20220308T170405_20220308T170455_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_220220308T170533_20220308T170604_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_20220308T171518_20220308T171540_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_20220308T171553_20220308T171612_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_20220308T171805_20220308T171912_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_20220308T173539_20220308T173636_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_220220308T175626_20220308T175750_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_220220308T180259_20220308T180607_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_20220308T193712_20220308T193958_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_220220308T194203_20220308T194730_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_20220308T202634_20220308T202645_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_220220308T202654_20220308T202727_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_20220308T203258_20220308T203725_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_20220308T211639_20220308T211914_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_20220308T212113_20220308T212227_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220308T212615_20220308T212755_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_20220308T215459_20220308T215802_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_20220308T221159_20220308T221310_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_20220308T221429_20220308T221627_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_220220308T223422_20220308T224024_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_220220308T224055_20220308T224736_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_220220308T224821_20220308T225018_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_20220308T225143_20220308T225231_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_20220308T225357_20220308T225726_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_20220308T230518_20220308T230705_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_20220308T233203_20220308T233559_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_220220308T235119_20220308T235610_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_20220308T235632_20220308T235705_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_220220308T235919_20220309T000042_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records