

## 1. Overview

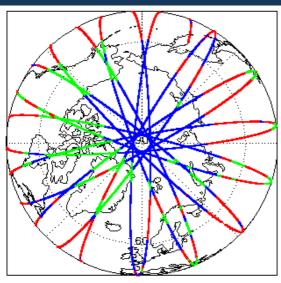
Report Production Date:	09-May-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

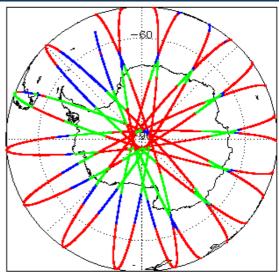
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2\_qc\_team@telespazio.com

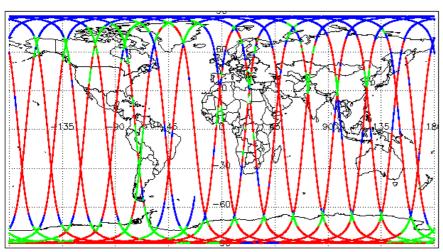
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 4.7 and 5.4
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

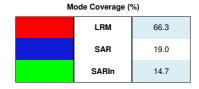
Mission / Instrument News		
07-Apr-2023	None	
08-Apr-2023	None	
09-Apr-2023	Nothing planned	

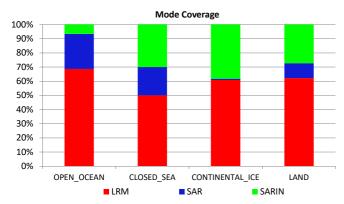
# 2. Global Coverage

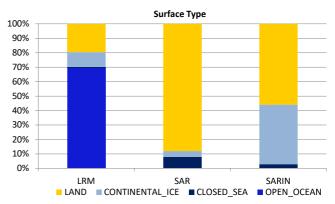












## 3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

# 4. Level 1B Data Quality Check

### 4.1 L1B Product Format Check

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

Number of products with errors:

### 4.2 L1B Product Header Analysis

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

Number of products with errors:

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## 4.3 Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing.

Number of products with errors:

0

# 4.4 L1B Tracking Flags Check

CryoSat L1B data includes a tracking flag for each measurement record. The bit value of this flag indicates any problems when set.

Loss of Echo Flag: This flag is currently set for some products over land, but this is to be expected.

lumber of products with errors: 1

CS OFFL SIR LIMI 18 200304073109329 2020040730331 E001  CS OFFL SIR LIMI 18 20030407310331 2020040730331 E001  Los of echo  The tracking ech on insinity for one or more records  CS OFFL SIR LIMI 18 20030407310332 (2020407303351 E001  Los of echo  The tracking ech on insinity for one or more records  CS OFFL SIR LIMI 18 20030407310322 (2020407300325 E001  Los of echo  The tracking ech on insinity for one or more records  CS OFFL SIR LIMI 18 20030407310322 (20204073103252 E001  Los of echo  The tracking ech on insinity for one or more records  CS OFFL SIR LIMI 18 20030407310322 (20204073103252 E001  Los of echo  The tracking ech on insinity for one or more records  CS OFFL SIR LIMI 18 20030407310323 (20204073103252 E001  Los of echo  The tracking ech on insinity for one or more records  CS OFFL SIR LIMI 18 200304073103252 (20204073103252 E001  Los of echo  The tracking ech on insinity for one or more records  CS OFFL SIR LIMI 18 200304073103253 (20204073103258 E001  Los of echo  The tracking ech on insinity for one or more records  CS OFFL SIR LIMI 18 200304073103253 (20204073103284 E001  Los of echo  The tracking ech on insinity for one or more records  CS OFFL SIR LIMI 18 200304073103250 (20204073103284 E001  Los of echo  The tracking echo in missing for one or more records  CS OFFL SIR LIMI 18 200304073103250 (2020407310344 E001  Los of echo  The tracking echo in missing for one or more records  CS OFFL SIR LIMI 18 200304073103250 (20204073103250 E001  Los of echo  The tracking echo in missing for one or more records  CS OFFL SIR LIMI 18 200304073103250 (20204073103250 E001  Los of echo  The tracking echo in missing for one or more records  CS OFFL SIR LIMI 18 200304073103250 (20204073102300 E001  Los of echo  The tracking echo in missing for one or more records  CS OFFL SIR LIMI 18 200304073103250 (20204073102300 E001  Los of echo  The tracking echo in missing for one or more records  CS OFFL SIR LIMI 18 200304073103250 (202040747102300 E001  Los of echo  The tracking echo in missing for one or more records	Product	Test Failed	Description
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CS_OFFL_SIR_LIM_18_20203408T005221_20203408T005228_E001  CS_OFFL_SIR_LIM_18_20203408T005222_20203408T005205_E001  CS_OFFL_SIR_LIM_18_20203408T005305_20203408T005305_E001  CS_OFFL_SIR_LIM_18_20203408T005305_20203408T005305_E001  CS_OFFL_SIR_LIM_18_20203408T005305_20203408T005305_E001  CS_OFFL_SIR_LIM_18_20203408T005305_20203408T005305_E001  CS_OFFL_SIR_LIM_18_20203408T005305_20203408T005305_E001  CS_OFFL_SIR_LIM_18_20203408T005305_20203408T005305_E001  CS_OFFL_SIR_LIM_18_20203408T012730_2023408T01474_  CS_OFFL_SIR_LIM_18_20203408T012730_2023408T01474_  CS_OFFL_SIR_LIM_18_20203408T012730_2023408T01474_  CS_OFFL_SIR_LIM_18_20203408T012740_2023408T01474_  CS_OFFL_SIR_LIM_18_20203408T012740_2023408T014701280_E001  CS_OFFL_SIR_LIM_18_20203408T01470_2023408T012200_E001  CS_OFFL_SIR_LIM_18_20203408T01470_2023408T012230_E001  CS_OFFL_SIR_LIM_18_20203408T01470_2023408T012230_E001  CS_OFFL_SIR_LIM_18_20203408T012400_20203408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T012230_20203408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T012230_20203408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02230_20203408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02230_2023408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02230_2023408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02230_2023408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02230_2023408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02230_2023408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02230_2023408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02230_2023408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02230_2023408T02230_E001  CS_OFFL_SIR_LIM_18_20203408T02300_2023408T02303_E001  CS_OFFL_SIR_LIM_18_20203408T02300_2023408T02303_E001  CS_OFFL_SIR_LIM_18_20203408T02300_2023408T02303_E001  CS_OFFL_SIR_LIM_18_20203408T02300_2023408T02303_E001  CS_OFFL_SIR_LIM_18_20203408T02300_2023408T02303_E001  CS_OFFL_SIR_LIM_18_20203408T02300_2023408T040700_E001  CS_OFFL_SIR_LIM_18_20203408T040700_2023408T040700_E001  CS_OFFL_SIR_LIM_18_20203408T040700_2023408T040700_E001  CS_OFFL_SIR_LIM_18_20203408T040700_2023408T040700_E001  CS_OFFL_SIR_LI	CS_OFFL_SIR_LRM_1B_20230408T003316_20230408T003354_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM IB 20230408T005228 20230408T005295 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL SIR LRM IB_20230408T005328 20230408T005338_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T025282 20230408T02538_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T025282 20230408T025285_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T025282 20230408T025285_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T0252082 20230408T02305_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T024072.002.60001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T02407.20230408T022305_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T022808_20230408T022305_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T022809_20230408T022805_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T022809_20230408T022805_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T022809_20230408T022805_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T022809_20230408T022805_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T022809_20230408T022905_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T022809_20230408T022905_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T022809_20230408T022905_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR LRM IB_20230408T0404087_E00305_L0001 Loss of echo The tracking echo is missing for one or more	CS_OFFL_SIR_LRM_1B_20230408T005137_20230408T005218_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LIM_IB_20230408T005232_20230408T005255_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T005552_20230408T00535E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T0015255_20230408T013273_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T012730_20230408T013274_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T01477_20230408T0147_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T01477_20230408T01239E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T01247_20230408T02239E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T02285_20230408T02280E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T02285_20230408T02280E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T02285_20230408T02280E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T02285_20230408T02280E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T02285_20230408T02280E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T02285_20230408T02280E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T02281_2023048T02280E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T02281_2023048T040825_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T040840E_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LIM_IB_20230408T040840E_E001  Loss of echo The tracking echo is missing for one	CS_OFFL_SIR_LRM_1B_20230408T005221_20230408T005226_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_18_20230468T012582_0230468T012728_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T012582_0230408T012728_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T012728_20030408T01347_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T01477_20230408T013258_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T0247_20230408T023235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T02407_20230408T022807_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T022808_20230408T022807_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T022808_20230408T022807_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T022808_20230408T022808_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T022808_20230408T022835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T022808_20230408T022835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T022918_20230408T022918_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T022918_20230408T022918_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T022918_20230408T022918_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T023582_20230408T022918_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T04098_20230408T04078_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230408T04098_20230408T04078_E001 Loss of echo The tracking echo is missing for one	CS_OFFL_SIR_LRM_1B_20230408T005232_20230408T005257_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LFM_18_20230408T012502_20230408T019278_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T012730_20230408T019417_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T019407_20230408T019230_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T022680_20230408T02230_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T022680_20230408T02230_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T022680_20230408T02230_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T022800_20230408T02230_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T022800_20230408T02230_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T022800_20230408T02230_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T022800_20230408T022301_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T022800_20230408T022301_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T022800_20230408T030253_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T023082_20230408T030253_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T023082_20230408T030253_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T040842_20230408T040545_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T040540_20230408T040545_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFF_SIR_LFM_18_20230408T040542_20230408T040545_E001  Loss of echo The tracking ec	CS_OFFL_SIR_LRM_1B_20230408T005301_20230408T005331_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20230408T012730_20230408T013941_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T014737_20230408T014947_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202230408T01477_20230408T022305_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202230408T022405_20230408T022807_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202230408T022805_20230408T022807_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022805_20230408T022805_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022805_20230408T022805_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022805_20230408T022806_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022805_20230408T0228335_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022805_20230408T0228335_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022805_20230408T0228335_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022805_20230408T023835_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T039586_20230408T040525_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T0404807_20230408T040505_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040482_20230408T040505_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T04074_20230408T040505_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T04074_20230408T040505_E001  L	CS_OFFL_SIR_LRM_1B_20230408T005335_20230408T005356_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T014747_20230408T012495_E010  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T012407_20230408T022305_E011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022805_20230408T022807_E011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022805_20230408T022815_E011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022815_20230408T022815_E011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022815_20230408T022815_E011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022815_20230408T022811_E011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022914_20230408T022811_E0011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022814_20230408T022811_E0011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022852_20230408T023335_E0011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022852_20230408T023335_E0011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040438_20230408T040535_E0011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040438_20230408T040545_E0011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040438_20230408T04054064_E0011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040438_20230408T04054064_E0011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040438_20230408T040501_E0011  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T04050	CS_OFFL_SIR_LRM_1B_20230408T012552_20230408T012728_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20230408T0215640_20230408T022106_E001	CS_OFFL_SIR_LRM_1B_20230408T012730_20230408T013941_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T02407_20230408T02230_E001	CS_OFFL_SIR_LRM_1B_20230408T014747_20230408T014947_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20230408T022852_20230408T022853_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T022855_20230408T022853_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T022855_20230408T022853_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T022855_20230408T022950_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T022914_20230408T022919_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T022912_20230408T022919_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T022912_20230408T022355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T025109_20230408T03355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T03355_E0230408T03355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T03355_E0230408T040545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040582_20230408T040547_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040549_20230408T040547_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040697_20230408T040547_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040697_20230408T040747_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T04073_20230408T04073_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T04073_20230408T04073_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T04278_20230408T04372_E001 Loss of echo The tracking echo is missing for on	CS_OFFL_SIR_LRM_1B_20230408T015640_20230408T021206_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20230408T022895_20230408T022813_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022835_20230408T022832_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T0228919_20230408T022911_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022914_20230408T022919_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022914_20230408T02393_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T022929_20230408T02333_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T025109_20230408T033351_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T032556_20230408T033351_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T04082528_20230408T040547_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040548_20230408T040547_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040549_20230408T040547_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T04054_20230408T040799_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040712_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040742_20230408T040820_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040742_20230408T040801_Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040742_20230408T040801_Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040742_20230408T040801_Loss of	CS_OFFL_SIR_LRM_1B_20230408T021407_20230408T022330_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T022815_20230408T022832_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T022809_20230408T022916_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T022914_20230408T022919_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T022924_20230408T022919_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T022922_20230408T033253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T025109_20230408T033253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T033556_20230408T033253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T033556_20230408T03355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T040382_20230408T040405_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T0404054_20230408T040674_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T040697_20230408T04079_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040731_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040731_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040731_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T040722_20230408T040731_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230408T04278_20230408T04372_E001 Loss of echo The tracking echo is missing	CS_OFFL_SIR_LRM_1B_20230408T022626_20230408T022807_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T022935_20230408T022991_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022991_20230408T022991_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T022922_20230408T0229352_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T029292_20230408T032355_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T032556_20230408T030253_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T0303556_20230408T030355_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T0305958_20230408T04054_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040494_20230408T04054_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040494_20230408T04054_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040549_20230408T040604_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040708_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040712_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040724_20230408T04071_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T040734_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T040734_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040724_20230408T040	CS_OFFL_SIR_LRM_1B_20230408T022809_20230408T022813_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20230408T022914_20230408T022919_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T022922_20230408T023353_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T025519_20230408T030253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T035556_20230408T030253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T035556_20230408T030351_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040648_20230408T040045_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040648_20230408T040647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040648_20230408T040604_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040607_20230408T040709_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040712_20230408T040728_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040728_20230408T040731_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040734_20230408T040731_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040734_20230408T040820_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040820_20230408T040820_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040820_20230408T040820_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040800_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230408T040800_E00487_E001 Loss of echo The tracking echo is missing for one or more recor	CS_OFFL_SIR_LRM_1B_20230408T022815_20230408T022832_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20230408T022914_20230408T030253_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T0302556_20230408T030253_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T0302556_20230408T030355_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T0305928_20230408T040045_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T0405928_20230408T0400545_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040582_20230408T040054_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040549_20230408T040604_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040549_20230408T040604_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040712_20230408T040709_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040712_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040712_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040734_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040734_20230408T041327_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040734_20230408T041327_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T043032_20230408T040803_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T043032_20230408T050637_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T0640842_20230	CS_OFFL_SIR_LRM_1B_20230408T022835_20230408T022906_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20230408T022922_20230408T03335_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T032556_20230408T033351_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T03556_20230408T040045_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040382_20230408T040547_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040549_20230408T040547_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040549_20230408T04064_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040607_20230408T04079_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040712_20230408T040736_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040712_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040734_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040734_20230408T040820_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T040734_20230408T043724_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T043803_20230408T043724_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T04074803_20230408T0543801_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T054320_20230408T05436_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T054042_20230408T05436_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20230408T054042_20230408T05436	CS_OFFL_SIR_LRM_1B_20230408T022909_20230408T022911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20230408T032556_20230408T030253_E001  CS_OFFL_SIR_LRM_18_20230408T032556_20230408T040045_E001  CS_OFFL_SIR_LRM_18_20230408T040438_20230408T040045_E001  CS_OFFL_SIR_LRM_18_20230408T040438_20230408T040045_E001  CS_OFFL_SIR_LRM_18_20230408T040438_20230408T040647_E001  CS_OFFL_SIR_LRM_18_20230408T040549_20230408T040604_E001  CS_OFFL_SIR_LRM_18_20230408T040607_20230408T040604_E001  CS_OFFL_SIR_LRM_18_20230408T040607_20230408T040709_E001  CS_OFFL_SIR_LRM_18_20230408T040712_20230408T040709_E001  CS_OFFL_SIR_LRM_18_20230408T040712_20230408T040728_E001  CS_OFFL_SIR_LRM_18_20230408T040728_20230408T040731_E001  CS_OFFL_SIR_LRM_18_20230408T040732_20230408T040731_E001  CS_OFFL_SIR_LRM_18_20230408T040732_20230408T040731_E001  CS_OFFL_SIR_LRM_18_20230408T040732_20230408T040731_E001  CS_OFFL_SIR_LRM_18_20230408T040822_20230408T040820_E001  CS_OFFL_SIR_LRM_18_20230408T040822_20230408T040820_E001  CS_OFFL_SIR_LRM_18_20230408T040822_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T040822_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T040822_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T040800_E001  CS_OFFL_SIR_LRM_18_20230408T050427_20230408T050156_E001  CS_OFFL_SIR_LRM_18_20230408T050427_20230408T054036_E001  CS_OFFL_SIR_LRM_18_20230408T051530_20230408T054036_E001  CS_OFFL_SIR_LRM_18_20230408T051530_20230408T054036_E001  CS_OFFL_SIR_LRM_18_20230408T051530_20230408T060455_E001  CS_OFFL_SIR_LRM_18_20230408T060413_20230408T060455_E001  CS_OFFL_SIR_LRM_18_20230408T060413_20230408T060455_E001  CS_OFFL_SIR_LRM_18_20230408T060413_20230408T060903_E001  CS_OFFL_SIR_LRM_18_20230408T0601206_20230408T060903_E001  CS_OFFL_SIR_LRM_18_20230408T061206_20230408T0610214_E001  CS_OFFL_SIR_LRM_18_20230408T061206_20230408T0610214_E001  CS_OFFL_SIR_LRM_18_20230408T061206_20230408T06	CS_OFFL_SIR_LRM_1B_20230408T022914_20230408T022919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20230408T035958_20230408T04045_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040438_20230408T040547_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040549_20230408T040604_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040607_20230408T040604_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040607_20230408T040709_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040712_20230408T040726_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040728_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040728_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040734_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T040734_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T04073726_20230408T040820_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T054393_20230408T054038_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T05429_20230408T054038_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T060413_20230408T064922_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20230408T060413_20230408T060903_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 track	CS_OFFL_SIR_LRM_1B_20230408T022922_20230408T023353_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T035928_20230408T040045_E001  CS_OFFL_SIR_LRM_1B_20230408T040438_20230408T040547_E001  CS_OFFL_SIR_LRM_1B_20230408T040549_20230408T040604_E001  CS_OFFL_SIR_LRM_1B_20230408T040607_20230408T040604_E001  CS_OFFL_SIR_LRM_1B_20230408T040607_20230408T040709_E001  CS_OFFL_SIR_LRM_1B_20230408T04070472_20230408T040709_E001  CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040726_E001  CS_OFFL_SIR_LRM_1B_20230408T040728_20230408T040726_E001  CS_OFFL_SIR_LRM_1B_20230408T040728_20230408T040731_E001  CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T0407324_E001  CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T0407324_E001  CS_OFFL_SIR_LRM_1B_20230408T043726_20230408T043801_E001  CS_OFFL_SIR_LRM_1B_20230408T043726_20230408T050437_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050436_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050436_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T050437_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T050437_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T050437_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T050437_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T050437_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T06093_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T06093_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T06093_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T06093_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T06093_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T06093_E001  CS_OFFL_SIR_LRM_1B_20230408T06106126_20230408T06093_E001  CS_OFFL_SIR_LRM_1B_20230408T061060618_20230408T06093_E001  CS_OFFL_SIR_LRM_1B_20230408T061060618_20230408T06093_E001  CS_OFFL_SIR_LRM_1B_20230408T061060618_20230408T0	CS_OFFL_SIR_LRM_1B_20230408T025109_20230408T030253_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T040438_20230408T040604_E001	CS_OFFL_SIR_LRM_1B_20230408T032556_20230408T033351_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T040549_20230408T040709_E001  CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040709_E001  CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040726_E001  CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040731_E001  CS_OFFL_SIR_LRM_1B_20230408T040728_20230408T040731_E001  CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T040820_E001  CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T040820_E001  CS_OFFL_SIR_LRM_1B_20230408T040822_20230408T041327_E001  CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001  CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001  CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001  CS_OFFL_SIR_LRM_1B_20230408T043726_20230408T043724_E001  CS_OFFL_SIR_LRM_1B_20230408T043803_20230408T043801_E001  CS_OFFL_SIR_LRM_1B_20230408T043803_20230408T050156_E001  CS_OFFL_SIR_LRM_1B_20230408T043803_20230408T050156_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T054429_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T054032_2030408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T054032_2030408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T054032_2030408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T054032_2030408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T054429_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060903_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T0601241_E001  CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_E001  CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_E001  CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_E001	CS_OFFL_SIR_LRM_1B_20230408T035928_20230408T040045_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T040607_20230408T040709_E001	CS_OFFL_SIR_LRM_1B_20230408T040438_20230408T040547_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T040712_20230408T040736_E001  CS_OFFL_SIR_LRM_1B_20230408T040738_20230408T040731_E001  CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T040820_E001  CS_OFFL_SIR_LRM_1B_20230408T040822_20230408T041327_E001  CS_OFFL_SIR_LRM_1B_20230408T040822_20230408T041327_E001  CS_OFFL_SIR_LRM_1B_20230408T040822_20230408T041327_E001  CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001  CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001  CS_OFFL_SIR_LRM_1B_20230408T043726_20230408T043801_E001  CS_OFFL_SIR_LRM_1B_20230408T043803_20230408T050156_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T051429_20230408T054036_E001  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060903_E001  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_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  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	CS_OFFL_SIR_LRM_1B_20230408T040549_20230408T040604_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T040728_20230408T040731_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040822_20230408T041327_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T040822_20230408T041327_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T043726_20230408T043801_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T043803_20230408T050156_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T054429_20230408T054922_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060903_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_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_20230408T060618_20230408T060903_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_20230408T0601206_20230408T061241_E001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230408T040607_20230408T040709_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T040820_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T043726_20230408T043801_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T043803_20230408T050156_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T054292_20230408T054922_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_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_20230408T060618_20230408T060903_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_20230408T060618_20230408T060903_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_20230408T040712_20230408T040726_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T040822_20230408T041327_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_20230408T043803_20230408T050156_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060903_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_20230408T060618_20230408T060903_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  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230408T040728_20230408T040731_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T043726_20230408T043801_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T043803_20230408T050156_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T054429_20230408T054922_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060955_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_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  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_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  CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_E001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230408T040734_20230408T040820_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T043726_20230408T043801_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T043803_20230408T050156_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T05429_20230408T054922_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T06413_20230408T06455_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_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_20230408T061206_20230408T061241_E001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230408T040822_20230408T041327_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T043803_20230408T050156_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T054429_20230408T054922_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_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	CS_OFFL_SIR_LRM_1B_20230408T042818_20230408T043724_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T054429_20230408T054922_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_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_20230408T043726_20230408T043801_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T051530_20230408T054036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T054429_20230408T054922_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_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_20230408T043803_20230408T050156_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T054429_20230408T054922_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_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	CS_OFFL_SIR_LRM_1B_20230408T050427_20230408T050637_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_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_20230408T051530_20230408T054036_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_E001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230408T054429_20230408T054922_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230408T060413_20230408T060455_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20230408T060618_20230408T060903_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T061243_20230408T064024_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230408T061206_20230408T061241_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20230408T061243_20230408T064024_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20230408T065413_20230408T072146_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T072148_20230408T072230_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T072232_20230408T072232_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T072235_20230408T072310_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T072312_20230408T072314_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T072320_20230408T072328_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T072330_20230408T072616_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T072649_20230408T072910_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T084243_20230408T084853_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T085009_20230408T085649_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T085832_20230408T085955_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T090222_20230408T090318_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T090330_20230408T090453_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T090453_20230408T090549_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T092506_20230408T095856_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T103505_20230408T103959_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T104033_20230408T104212_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T110124_20230408T110136_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T114510_20230408T114908_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T124001_20230408T124130_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T124133_20230408T124153_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T124157_20230408T124204_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T125911_20230408T130054_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T130057_20230408T131642_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T132411_20230408T132612_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T133444_20230408T134729_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T134942_20230408T140146_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T141913_20230408T141941_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T141943_20230408T142004_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T142008_20230408T142010_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T142016_20230408T142526_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T142904_20230408T143836_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T143909_20230408T143932_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T144111_20230408T145552_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T151452_20230408T151505_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T151535_20230408T151624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T151626_20230408T151733_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T151736_20230408T151744_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T151747_20230408T151755_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T151759_20230408T151804_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T152127_20230408T152317_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T152857_20230408T152910_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T152913_20230408T153321_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T153444_20230408T154147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T155759_20230408T160256_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T160301_20230408T160327_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T160352_20230408T160404_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T160406_20230408T160408_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T160410_20230408T160433_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T160435_20230408T160506_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T160508_20230408T160642_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T160648_20230408T160659_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T160701_20230408T160711_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T161013_20230408T161137_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T164243_20230408T164426_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T164843_20230408T171159_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T171201_20230408T171307_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T171309_20230408T171332_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T171334_20230408T172316_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T174023_20230408T174458_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T174902_20230408T181430_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T182143_20230408T182508_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T191811_20230408T192313_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T192405_20230408T192541_E001	Loss of echo	The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20230408T192544 20230408T192546 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T192548_20230408T192548_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T192550_20230408T194742_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T200728_20230408T204144_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T205501_20230408T205555_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T205608_20230408T205650_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T205925_20230408T210312_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T210329_20230408T210404_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T210948_20230408T211444_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T211504_20230408T211948_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T212035_20230408T212251_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T213547_20230408T214105_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T222324_20230408T222327_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T222332_20230408T222337_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T224110_20230408T224222_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T224230_20230408T224249_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T224258_20230408T224347_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T224353_20230408T224406_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T224454_20230408T224953_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T232617_20230408T233157_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230408T233207_20230408T235348_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: 0

### 4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_SAR_1B_20230408T212251_20230408T212254_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Due to missing Forecast Auxiliary Files, there is an error with the corrections given on the left.

## 4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag 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 Applied 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:

## 5. Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

Number of products with errors:

#### 5.2 L2 Product Header Analysis

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

Number of products with errors:

#### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

### 5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag 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 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.

Sea State Bias error: This flag is currently set in all L2 LRM products over ocean, indicating a problem with the sea state bias Due to a known anomaly, the sea state bias field is currently unfilled in all Baseline-E L2 LRM products. This anomaly will be resolved in the next IPF update.

Snow Depth Model error: This flag is currently set in all L2 SAR products over ocean, which fall outside of the extent of the current snow depth model. Currently the snow depth model is only available over the high-latitude Arctic. There is no model currently provided for the Antarctic or marginal Arctic regions. An updated model will be provided in the next IPF update.

Number of products with errors:

Number of products with errors:		
Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230408T114151_20230408T114453_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_220230407T235903_20230408T000203_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T000227_20230408T000551_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T001605_20230408T001739_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230408T003354 20230408T003450 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T003654_20230408T003935_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T004644_20230408T005137_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T010600_20230408T010640_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T012437_20230408T012552_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T013942_20230408T014511_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230408T015628_20230408T015640_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T021206_20230408T021407_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T024440_20230408T024856_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T024933_20230408T025109_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T033539_20230408T033604_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T035113_20230408T035239_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230408T035242 20230408T035928 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230408T042538 20230408T042750 E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T050156_20230408T050238_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T051503_20230408T051530_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T064024_20230408T064209_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T065353_20230408T065413_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T072911_20230408T073127_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230408T073140 20230408T074157 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230408T081936 20230408T082214 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T083238_20230408T083256_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T083908_20230408T084243_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T085955_20230408T090030_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T090549_20230408T090915_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T091157_20230408T091241_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230408T092235 20230408T092339 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230408T095856 20230408T100133 E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T101130_20230408T101216_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T103959_20230408T104029_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T104030_20230408T104032_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T104212_20230408T104517_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T104517_20230408T104944_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230408T105000 20230408T105216 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T110136_20230408T110333_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T112456_20230408T112605_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T113716_20230408T113846_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T114453_20230408T114459_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T114507_20230408T114510_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T115017_20230408T115144_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220230408T122010_20230408T122025_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T122728_20230408T122802_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T124204_20230408T124212_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T124215_20230408T124222_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T124226_20230408T124246_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T124247_20230408T124419_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T124445_20230408T124529_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T124621_20230408T124648_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T125430_20230408T125911_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230408T131642 20230408T131653 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T132353_20230408T132359_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230408T132405_20230408T132411_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T132803_20230408T133444_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T134729_20230408T134918_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T134918_20230408T134942_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T140146_20230408T140416_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T140539_20230408T140932_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230408T143836 20230408T143908 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230408T143932_20230408T144111_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T145553_20230408T145614_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T150305_20230408T150311_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T151233_20230408T151255_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T151319_20230408T151452_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230408T151505 20230408T151518 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230408T151520 20230408T151535 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230408T154147_20230408T154155_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T154317_20230408T154531_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T154603_20230408T154614_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T160328_20230408T160350_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T161137_20230408T161400_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T161545_20230408T161752_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230408T163450 20230408T163517 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T164732_20230408T164843_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T181431_20230408T181459_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T182626_20230408T182808_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T185542_20230408T185647_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T191647_20230408T191810_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T192313_20230408T192405_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230408T194743 20230408T194756 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230408T195425 20230408T195443 E001		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230408T200529_20230408T200728_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T204318_20230408T204358_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T205156_20230408T205501_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T205651_20230408T205730_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T205853_20230408T205925_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230408T210612_20230408T210640_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T212251_20230408T212254_E001	Dry tropospneric corr, wet tropospneric corr, Inverse barometric corr, Dynamic	falls outside of the extent of the current snow depth model  There is an error with the values of the correction error flags on the left, for
	atm corr Model Innospheric corr Solid	one or more records.  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230408T212256_20230408T212521_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230408T213333_20230408T213421_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T214413_20230408T214654_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220230408T220915_20230408T221200_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T222115_20230408T222324_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T223056_20230408T223236_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T223301_20230408T223330_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T223735_20230408T224109_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T224348_20230408T224353_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T224407_20230408T224454_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T225810_20230408T225957_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T231237_20230408T231406_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T232342_20230408T232617_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230408T235348_20230408T235500_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_2_20230408T000551_20230408T000834_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230408T001036_20230408T001605_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230408T014511_20230408T014747_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230408T082214_20230408T082548_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230408T100133_20230408T100453_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230408T132612_20230408T132803_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230408T150444_20230408T151135_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230408T214106_20230408T214412_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230408T232006_20230408T232342_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

### 5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag 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.

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.

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.

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.

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.

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230408T001739_20230408T003311_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_20230408T003316_20230408T003354_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_220230408T003450_20230408T003653_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_220230408T003935_20230408T004644_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_220230408T010640_20230408T012437_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_220230408T012730_20230408T013941_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_220230408T015640_20230408T021206_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_220230408T021407_20230408T022330_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_220230408T025109_20230408T030253_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_220230408T033604_20230408T035113_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_220230408T042818_20230408T043724_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230408T043803_20230408T050156_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_220230408T050427_20230408T050637_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_LRM_220230408T051530_20230408T054036_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230408T061243_20230408T064024_E001	(Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230408T065413_20230408T072146_E001	(Retracker 2) 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_220230408T074625_20230408T081936_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_20230408T091018_20230408T091157_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_220230408T092506_20230408T095856_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230408T101216_20230408T103147_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_220230408T103505_20230408T103959_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_220230408T104033_20230408T104212_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_20230408T104944_20230408T105000_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_20230408T110333_20230408T112456_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_20230408T112605_20230408T113716_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_20230408T115144_20230408T122010_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_20230408T124648_20230408T125430_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_20230408T125911_20230408T130054_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_20230408T130057_20230408T131642_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_20230408T133444_20230408T134729_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_20230408T134942_20230408T140146_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_20230408T142904_20230408T143836_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_20230408T143909_20230408T143932_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_20230408T144111_20230408T145552_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_20230408T152127_20230408T152317_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_20230408T152913_20230408T153321_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_20230408T153444_20230408T154147_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_20230408T160648_20230408T160659_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230408T161400_20230408T161545_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_20230408T161752_20230408T163450_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_20230408T164843_20230408T171159_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_20230408T174902_20230408T181430_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_20230408T182808_20230408T185542_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_20230408T185647_20230408T190031_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_20230408T192550_20230408T194742_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_20230408T200728_20230408T204144_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230408T205501_20230408T205555_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

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Secretary (Control Control Con	CS_OFFL_SIR_LRM_220230408T214654_20230408T220915_E001		· ·
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Each Pitting Link (Link) 2. Re200000120007 202	CS_OFFL_SIR_LRM_220230408T224353_20230408T224406_E001	(Retracker 3), Backscatter Error	
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CB_OFFL_SRI_PM_2_20004667233650_000048733935_600  CB_OFFL_SRI_PM_2_20004667235500_000048733935_600  CB_OFFL_SRI_PM_2_20004667235900_600048733935_600  CB_OFFL_SRI_PM_2_2000467735900_600048700000_E001  CB_OFFL_SRI_PM_2_2000467705900_600048700000_E001  CB_OFFL_SRI_PM_2_2000467705900_600048700000_E001  CB_OFFL_SRI_PM_2_2000467705900_600048700000_E001  CB_OFFL_SRI_PM_2_2000467705900_E00048700000_E001  CB_OFFL_SRI_PM_2_2000467705900_600048700000_E001  CB_OFFL_SRI_PM_2_2000467705000_E00048700000_E001  CB_OFFL_SRI_PM_2_2000467700000_E00048700000_E001  CB_OFFL_SRI_PM_2_2000467700000_E00048700000_E001  CB_OFFL_SRI_PM_2_2000467700000_E000487000000_E001  CB_OFFL_SRI_PM_2_2000467700000_E00048700000_E001  CB_OFFL_SRI_PM_2_2000467700000_E000487000000_E001  CB_OFFL_SRI_PM_2_2000467700000_E000487000000_E001  CB_OFFL_SRI_PM_2_2000467700000_E000487000000_E001  CB_OFFL_SRI_PM_2_20004677000000_E000487000000_E001  CB_OFFL_SRI_PM_2_2000467000000_E000487000000_E001  CB_OFFL_SRI_PM_2_2000467000000000000000000000000000000000	CS_OFFL_SIR_LRM_220230408T232617_20230408T233157_E001	(Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one
CS_OPFL_SIR_SAR_2_20036491700352_20204091700351_E001  September 2: September 3: Sep	CS_OFFL_SIR_LRM_220230408T233207_20230408T235348_E001	(Retracker 3), Backscatter Error	
Secretaria from (Precident 2)  There is a bastocenter error for Resident 2 and 3 for one or more records  Secretaria from (Precident 2)  Secretaria from (Precident 2)  Secretaria from (Precident 2)  Secretaria from (Precident 2)  There is a bastocenter error for Resident 2 and 3 for one or more records  Secretaria from (Precident 2)  There is a bastocenter error for Resident 2 and 3 for one or more records  Secretaria from (Precident 2)  There is a bastocenter error for Resident 2 and 3 for one or more records  Secretaria from (Precident 2)  Secretaria	CS_OFFL_SIR_LRM_220230408T235500_20230408T235925_E001		
Backscetter Error (Financiers)  GS_OFFL_SRS_SAR_2_2002044811001502_202044811001789_E001  Backscetter Error (Financiers)  Backscetter Error (Financiers)  GS_OFFL_SRS_SAR_2_2002044811001502_20204811001855_E001  Backscetter Error (Financiers)  Backscetter E	CS_OFFL_SIR_SAR_220230407T235903_20230408T000203_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Sackscatter Ferre (Petradiour 3)  Sacksc	CS_OFFL_SIR_SAR_220230408T000227_20230408T000551_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Sackscater Error (Petrosec 3).  Sackscater Error (Petrosec 3).	CS_OFFL_SIR_SAR_220230408T001605_20230408T001739_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Sackscatter from (Petracker 2)  Sackscatter from (Petracker 2)	CS_OFFL_SIR_SAR_220230408T003354_20230408T003450_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Petracker 2).  So OFFL SIR SAR 2 20230408T00509 20230408T01016 201  Backscatter Error (Petracker 2). Backscatter	CS_OFFL_SIR_SAR_220230408T003654_20230408T003935_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2).  SpFL_SIR_SAR_2_20230408T010016_20230408T0101012_E001  Backscatter Error (Retracker 2). Backscatter	CS_OFFL_SIR_SAR_220230408T004644_20230408T005137_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Pletracker 2) Backscatter Error (Pletracker 3)	CS_OFFL_SIR_SAR_220230408T005404_20230408T005527_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Fletracker 2) Backscatter Error (Fletracker 3) Backscatter Error (Fletracker 3) Backscatter Error (Fletracker 2) Backscatter Error (Fletracker 3) Backscatter Error (Fletracker 2) Backscatter Error (Fletracker 3)	CS_OFFL_SIR_SAR_220230408T005558_20230408T010016_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3	CS_OFFL_SIR_SAR_220230408T010016_20230408T010127_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2)  Sackscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T021206_20230408T021407_E001  Sackscatter Error (Retracker 3)  Sackscatter Error (Retracker 3)  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Sackscatter	CS_OFFL_SIR_SAR_220230408T010600_20230408T010640_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3	CS_OFFL_SIR_SAR_220230408T012437_20230408T012552_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3	CS_OFFL_SIR_SAR_220230408T013942_20230408T014511_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 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_20230408T024739_20230408T024030_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 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_20230408T024933_20230408T025109_E001 Backscatter Error (Retracker 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_20230408T035242_20230408T035239_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records  CS_OFFL_SIR_SAR_2_20230408T0452542_20230408T0455928_E001 Backscatter Error (Retracker 2) Backscatter Erro	CS_OFFL_SIR_SAR_220230408T015628_20230408T015640_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T024440_20230408T024856_E001  Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 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_20230408T024933_20230408T025109_E001  Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_220230408T021206_20230408T021407_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_220230408T023353_20230408T023739_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_220230408T023739_20230408T024030_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T033539_20230408T035239_E001  Backscatter Error (Retracker 2), Backscatte	CS_OFFL_SIR_SAR_220230408T024440_20230408T024856_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T035113_20230408T035239_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T041327_20230408T041949_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T042538_20230408T042750_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 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_20230408T042538_20230408T042750_E001  Backscatter Error (Retracker 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_20230408T051503_20230408T050238_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_220230408T024933_20230408T025109_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T035242_20230408T035928_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T041327_20230408T041949_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T041327_20230408T041949_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T042538_20230408T042750_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 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_20230408T050156_20230408T050238_E001  Backscatter Error (Retracker 2), Backsca	CS_OFFL_SIR_SAR_220230408T033539_20230408T033604_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T041327_20230408T041949_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T042538_20230408T042750_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 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_20230408T042538_20230408T042750_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 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_20230408T050156_20230408T050238_E001  Backscatter Error (Retracker 2), Backscatter Error (R	CS_OFFL_SIR_SAR_220230408T035113_20230408T035239_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T042538_20230408T042750_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T042538_20230408T042750_E001  Backscatter Error (Retracker 2), Backscatter Error (R	CS_OFFL_SIR_SAR_220230408T035242_20230408T035928_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20230408T050156_20230408T050238_E001  Backscatter Error (Retracker 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_20230408T05156_20230408T050238_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220230408T041327_20230408T041949_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),  Backscatter Error (Retracker 2),  Backscatter Error (Retracker 2),  There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220230408T042538_20230408T042750_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220230408T050156_20230408T050238_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220230408T051503_20230408T051530_E001		There is a backscatter error for Retracker 2 and 3 for one or more records

CS OFFL SIR SAR 2 20230408T055115 20230408T055325 E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20230408T055342 20230408T055438 E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220230408T055512_20230408T055956_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T064024_20230408T064209_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T065353_20230408T065413_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T072911_20230408T073127_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T073140_20230408T074157_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T081936_20230408T082214_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T083238_20230408T083256_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T083908_20230408T084243_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T085955_20230408T090030_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T090549_20230408T090915_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T091157_20230408T091241_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T091304_20230408T092055_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T095856_20230408T100133_E001	Backscatter Error (Retracker 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_20230408T101130_20230408T101216_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T103959_20230408T104029_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T104212_20230408T104517_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T104517_20230408T104944_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T105000_20230408T105216_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T105333_20230408T110052_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T110136_20230408T110333_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T112456_20230408T112605_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T113716_20230408T113846_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T115017_20230408T115144_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T122010_20230408T122025_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T122728_20230408T122802_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T123245_20230408T124001_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T124226_20230408T124246_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T124247_20230408T124419_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T124445_20230408T124529_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 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_20230408T124621_20230408T124648_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230408T125430_20230408T125911_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230408T131642_20230408T131653_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
55_5 E_0H_0H_E_EVE0V4V0110104E_EV20V4V01101035_EV01	Backscatter Error (Retracker 3)	The state of the s

CS OFFL SIR SAR 2 20230408T132803 20230408T133444 E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20230408T134729 20230408T134918 E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220230408T134918_20230408T134942_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T140146_20230408T140416_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T140539_20230408T140932_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T141201_20230408T141845_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T143836_20230408T143908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T143932_20230408T144111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T145553_20230408T145614_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T151233_20230408T151255_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T151319_20230408T151452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T154317_20230408T154531_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T154603_20230408T154614_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T155043_20230408T155758_E001	Backscatter Error (Retracker 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_20230408T161137_20230408T161400_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T161545_20230408T161752_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T163450_20230408T163517_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T164732_20230408T164843_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T172906_20230408T173750_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T181431_20230408T181459_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T182626_20230408T182808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T185542_20230408T185647_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T190559_20230408T191338_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T191359_20230408T191513_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T191609_20230408T191618_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T191647_20230408T191810_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T194743_20230408T194756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T195425_20230408T195443_E001	Backscatter Error (Retracker 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_20230408T200529_20230408T200728_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T204532_20230408T205156_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T205156_20230408T205501_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 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_20230408T210612_20230408T210640_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230408T212256_20230408T212521_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20230408T213333 20230408T213421 E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
55_5E_50E_EVE004001E10000_EVE004001E10421_EV01	Backscatter Error (Retracker 3)	

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CS_OFFL_SIR_SAR_220230408T214413_20230408T214654_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T220915_20230408T221200_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T222115_20230408T222324_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T222358_20230408T223056_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T223056_20230408T223236_E001	Backscatter Error (Retracker 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_20230408T223301_20230408T223330_E001	Backscatter Error (Retracker 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_20230408T223735_20230408T224109_E001	Backscatter Error (Retracker 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_20230408T224407_20230408T224454_E001	Backscatter Error (Retracker 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_20230408T225810_20230408T225957_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T231237_20230408T231406_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T232342_20230408T232617_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230408T235348_20230408T235500_E001	Backscatter Error (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_220230408T000551_20230408T000834_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_220230408T001036_20230408T001605_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_220230408T005528_20230408T005558_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_220230408T010127_20230408T010559_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_20230408T014511_20230408T014747_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_20230408T014947_20230408T015057_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230408T015449_20230408T015628_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_220230408T022330_20230408T022626_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_20230408T024030_20230408T024140_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_20230408T024255_20230408T024440_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_20230408T030253_20230408T031844_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_20230408T032236_20230408T032556_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_20230408T033351_20230408T033517_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_20230408T033517_20230408T033539_E001	Backscatter Error (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_20230408T040045_20230408T040438_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_220230408T041949_20230408T042538_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_220230408T050238_20230408T050427_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_20230408T050638_20230408T050700_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230408T051241_20230408T051503_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_20230408T054223_20230408T054429_E001	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_220230408T055325_20230408T055342_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_20230408T055439_20230408T055512_E001	Backscatter Error (Retracker 2), 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_220230408T055956_20230408T060413_E001	unavailable Backscatter Error (Retracker 2), 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
CS_OFFL_SIR_SIN_2_20230408T064210_20230408T064350_E001	unavailable  Backscatter Error (Retracker 2),  Backscatter Error (Retracker 3), SARIn X	the location for one or more records  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 20230408T064501 20230408T064637 E001	track Angle Error SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS OFFL SIR SIN 2 20230408T065109 20230408T065353 E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS OFFL SIR SIN 2 20230408T074157 20230408T074625 E001	track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	was detected for SARIn mode for one or more records  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
CS OFFL SIR SIN 2 20230408T082214 20230408T082548 E001	track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	the location for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
	track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIII X	was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_220230408T083123_20230408T083238_E001	track Angle Error  Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230408T090030_20230408T090222_E001  CS_OFFL_SIR_SIN_2_20230408T090919_20230408T091017_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records
00_0116_0116_0110_2202204001000010_2022040010010117_2001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SIN_2_20230408T091241_20230408T091304_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	There is a backscatter error for Fetracker 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_220230408T092056_20230408T092235_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_20230408T092339_20230408T092506_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_220230408T100133_20230408T100453_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_220230408T101005_20230408T101130_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_220230408T103148_20230408T103505_E001	Backscatter Error (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_220230408T105217_20230408T105332_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_220230408T113846_20230408T114151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230408T114909_20230408T115017_E001	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_220230408T122802_20230408T122806_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_220230408T122806_20230408T122908_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230408T123135_20230408T123245_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_20230408T131653_20230408T131834_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230408T132612_20230408T132803_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230408T140932_20230408T141200_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_20230408T142527_20230408T142904_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_220230408T145614_20230408T145800_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_220230408T150444_20230408T151135_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_220230408T151256_20230408T151319_E001	Backscatter Error (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_20230408T151804_20230408T152127_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_220230408T153321_20230408T153443_E001	Backscatter Error (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_20230408T154155_20230408T154317_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20230408T154531_20230408T154602_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SIN_2_20230408T154614_20230408T155042_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_20230408T160711_20230408T161012_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_20230408T163517_20230408T163556_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_20230408T163556_20230408T163804_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_20230408T164426_20230408T164732_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_20230408T172519_20230408T172906_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_20230408T174458_20230408T174902_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_20230408T181500_20230408T181614_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_20230408T182508_20230408T182626_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_20230408T190031_20230408T190559_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_20230408T191338_20230408T191359_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_20230408T191514_20230408T191608_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_20230408T191618_20230408T191647_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_20230408T195443_20230408T195607_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_20230408T200416_20230408T200529_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_220230408T204358_20230408T204531_E001	Backscatter Error (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_20230408T205555_20230408T205608_E001	Backscatter Error (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_20230408T205730_20230408T205853_E001	Backscatter Error (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_20230408T210405_20230408T210517_E001	Backscatter Error (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_20230408T210524_20230408T210612_E001	Backscatter Error (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_20230408T213421_20230408T213547_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_20230408T214106_20230408T214412_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_20230408T223236_20230408T223301_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_20230408T224953_20230408T225325_E001	Backscatter Error (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_20230408T231406_20230408T231655_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_20230408T232006_20230408T232342_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_20230408T233158_20230408T233207_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records