

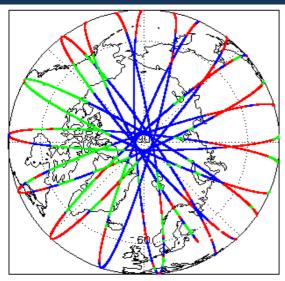
1. Overview

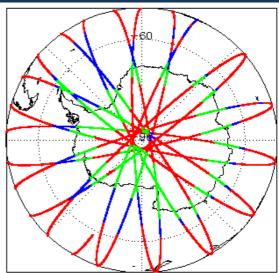
Report Production Date:	30-Jun-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

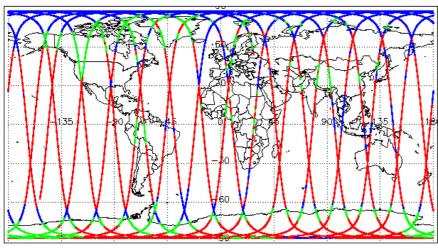
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	See Section 4.5
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 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

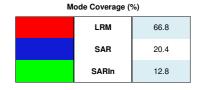
Mission / Instru	ment News
31-May-2022	None
01-Jun-2022	None
02-Jun-2022	Nothing planned

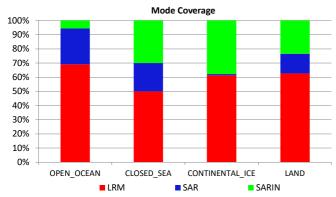
2. Global Coverage

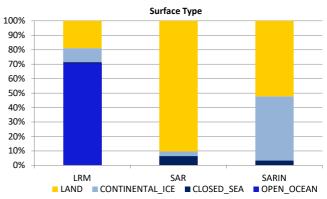












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

0

4.3 Star Tracker Usage Check

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

Number of products with errors:

0

4.4 L1B Tracking Flags Check

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

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

lumber of products with errors:

Court Still Limit 18 2020000111002162 2020000111000000 Easily to read on more records	Product	Test Failed	Description
CS_OFF_ISIL_FM_IS_20200017001792_20200017100280_E001	CS_OFFL_SIR_LRM_1B_20220601T000243_20220601T000309_E001	Loss of echo	The tracking echo is missing for one or more records
SS_OFFL_SIR_LEM_18_202206017011951 (202206017012954_E001	CS_OFFL_SIR_LRM_1B_20220601T000347_20220601T000438_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LNM_18_202206011012535_202206011013539_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601102539_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601102539_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601102539_202206011033445_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103339_202206011033445_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103349_20220601103349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103349_20220601103349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LNM_18_20220601103495_E001 Loss of echo The tracking echo is miss	CS_OFFL_SIR_LRM_1B_20220601T001729_20220601T002839_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LNM_18_20206017013049_20206017013529_E001 CS_OFFL_SIR_LNM_18_20206017013555_20206001703535_E001 CS_OFFL_SIR_LNM_18_2020601702355_20206001703535_E001 CS_OFFL_SIR_LNM_18_2020601702353_E001 CS_OFFL_SIR_LNM_18_2020601703333_20206001703345_E001 CS_OFFL_SIR_LNM_18_2020601703355_20206001703345_E001 CS_OFFL_SIR_LNM_18_2020601703355_20206001703345_E001 CS_OFFL_SIR_LNM_18_20206001703355_20206001703345_E001 CS_OFFL_SIR_LNM_18_20206001703355_20206001703345_E001 CS_OFFL_SIR_LNM_18_20206001703355_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703356_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703356_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703356_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703356_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703356_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703356_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703356_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703355_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703351_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703351_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703351_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703351_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703351_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703351_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703351_E001 CS_OFFL_SIR_LNM_18_20206001703350_20206001703341_E001 CS_OFFL_SIR_LNM_18_20206001703341_E001 CS_OFFL_SIR_LNM_18_20	CS_OFFL_SIR_LRM_1B_20220601T011951_20220601T012418_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220601T03558_20220601T03728_E001 CS_OFFL_SIR_LRM_18_20220601T020562_20220601T03036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T035362_20220601T030368_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T033762_20220601T03376_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T033762_20220601T03378_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T033762_20220601T03378_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T034262_20220601T03438_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T03400_20220601T044038_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T04172_202206001T044038_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T04172_202206001T044038_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05130_20200501T044038_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05130_20200501T06138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05130_20200501T06138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05338_20220601T06130_2020601T06130_20200501T06130_2020601T06130_2020	CS_OFFL_SIR_LRM_1B_20220601T012535_20220601T012904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_1B_20220601T023654_20220601T03376_20220601T03376_201 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20220601T03376_20220601T03376_201 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20220601T03376_20220601T03376_202001T03376_20220601T03376_20206	CS_OFFL_SIR_LRM_1B_20220601T013048_20220601T013329_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T033339_20220601T033445_E001	CS_OFFL_SIR_LRM_1B_20220601T013558_20220601T013726_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220601T033378_20220601T03375_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T03375_20220601T03375_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T03455_20220601T041335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T03450_20220601T040335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T04721_20220601T04033_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T04721_20220601T04033_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T045242_20220601T045435_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T051521_20220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T051522_20220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T051522_20220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T053235_20220601T051452_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05335_20220601T05452_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T06344_20220601T05452_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T06344_20220601T06345_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T06344_20220601T06345_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T06344_20220601T06344_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T06544_20220601T06544_E001 Loss of ec	CS_OFFL_SIR_LRM_1B_20220601T020854_20220601T023019_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220601T033742_20220601T033755_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T033756_20220601T033755_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T034258_20220601T034938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T04721_20220601T04934_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T04721_20220601T04934_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T05122_20220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T05122_20220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T05122_20220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T05225_20220601T05252_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T05225_20220601T05231_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T05225_20220601T05334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T06221_20220601T05334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T06201_20220601T05334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T06201_20220601T06334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T06364_20220601T06334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T06564_20220601T06564_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T06564_20220601T06564_E001 Loss of echo The tracking echo is missing for one or more recor	CS_OFFL_SIR_LRM_1B_20220601T024550_20220601T030630_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220601T034758_20220601T034558_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T034258_20220601T034538_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T042806_20220601T04493_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T042806_20220601T04493_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T042806_20220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T051221_20220601T051548_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T051222_2020601T051818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T052254_20220601T053131_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T052254_20220601T053131_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T052354_20220601T054322_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T053334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T06344_20220601T06345_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T06344_20220601T06345_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T063410_20220601T06345_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T063610_20220601T06347_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065640_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T066660_20220601T066644_E001 Loss of echo The tracking echo	CS_OFFL_SIR_LRM_1B_20220601T033339_20220601T033445_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220601T03426_20220601T04593_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T045402_20220601T041943_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T04206_20220601T041943_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05122_70220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05122_70220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05220_20220601T051818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05220_20220601T053181_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T05220_20220601T053181_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T052205_20220601T053131_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T06335_20220601T053131_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T062021_20220601T063432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T062021_20220601T063452_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T062021_20220601T063452_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T063641_20220601T063452_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T063644_20220601T063452_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T063644_20220601T063642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T063644_20220601T063644_E001	CS_OFFL_SIR_LRM_1B_20220601T033742_20220601T033752_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220601T042906_20220601T04493_E001	CS_OFFL_SIR_LRM_1B_20220601T033756_20220601T034135_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T04122_20220601T041943_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T05122_20220601T051545_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T051630_20220601T0515181_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T052027_20220601T051818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T052207_20220601T052252_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T052254_20220601T053131_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T052352_20220601T053131_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T060345_20220601T061732_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T063201_20220601T063455_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T063444_20220601T063455_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T063614_20220601T063451_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065614_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065642_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065642_20220601T065644_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065642_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0704212_20220601T070424_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0704212_20220601T0704344_E001 Loss of echo The tra	CS_OFFL_SIR_LRM_1B_20220601T034258_20220601T035358_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220601T05420_20220601T051545_E001	CS_OFFL_SIR_LRM_1B_20220601T035400_20220601T040939_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T051221_20220601T051818_E001	CS_OFFL_SIR_LRM_1B_20220601T041721_20220601T041943_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220601T051630_20220601T051818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T05227_20220601T052252_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T052254_20220601T054332_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T053335_20220601T054332_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T063335_20220601T054332_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T06201_20220601T063346_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T063444_20220001T063346_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T063444_20220001T063346_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T063619_20220601T063741_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T065611_20220601T065517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T065641_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T065644_20220601T065647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T065642_20220601T065641_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T070152_20220601T070132_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T070152_20220601T070140_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T070412_20220601T080348_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220601T080348_20220601T0813	CS_OFFL_SIR_LRM_1B_20220601T042806_20220601T044033_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220601T052202_20220601T052252_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T052254_20220601T0533131_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T060454_20220601T061720_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T060454_20220601T061720_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T060454_20220601T0603445_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T063442_20220601T063455_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T06344_20220601T063455_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T063541_20220601T063517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065614_20220601T065517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065641_20220601T065647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065642_20220601T065647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065642_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T070125_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T070124_20001T070125_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T080948_20220601T080948_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T080948_20220601T080949_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T080948_20220601T080949_E001 Loss of echo The tracki	CS_OFFL_SIR_LRM_1B_20220601T051221_20220601T051545_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T052254_20220601T053131_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T060454_20220601T063348_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T062201_20220601T063346_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T062201_20220601T063346_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T063019_20220601T063741_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065019_20220601T063741_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065011_202200601T065017_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065014_20220601T065047_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065041_20220601T065047_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065041_20220601T065047_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065042_20220601T065940_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065042_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T080834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T080943_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080945_20220601T080943_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080945_20220601T091429_E001 Loss of echo The trac	CS_OFFL_SIR_LRM_1B_20220601T051630_20220601T051818_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T053335_20220601T054832_E001	CS_OFFL_SIR_LRM_1B_20220601T052207_20220601T052252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T060454_20220601T063446_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T063246_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T063444_20220601T063455_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T063619_20220601T063741_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065614_20220601T065517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065650_20220601T065644_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065650_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0704212_20220601T0708434_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083493_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083493_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083493_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080300_20220601T083493_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080300_20220601T093493_E001 Los	CS_OFFL_SIR_LRM_1B_20220601T052254_20220601T053131_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T063241_20220601T06345_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T063444_20220601T063741_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T063619_20220601T065517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065611_20220601T065517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065614_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065650_20220601T065940_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065942_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T080834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T09304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T01054_20220601T0101429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T10101915_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more r	CS_OFFL_SIR_LRM_1B_20220601T053335_20220601T054832_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220601T063444_20220601T063455_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065619_20220601T065517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065614_20220601T065517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065614_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065644_20220601T065647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065650_20220601T065647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T065650_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T070125_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T0704212_20220601T080834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T080948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T083045_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T083645_20220601T09439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T091050_20220601T09439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T01054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T101054_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220601T101054_20220601T101915_E001 Loss of echo The tracki	CS_OFFL_SIR_LRM_1B_20220601T060454_20220601T061720_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T063619_20220601T063741_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065614_20220601T065517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065650_20220601T065940_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065942_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065942_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0704212_20220601T080834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080421_20220601T09304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T09304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T09123_20220601T09349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T09123_20220601T09493_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T01101915_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T062201_20220601T063346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T06511_20220601T065517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065647_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065650_20220601T065940_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065942_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0704212_20220601T080834_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_20220601T080834_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_20220601T080834_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_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T09304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_2020601T101619_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 CS_OFFL_SIR_LRM_1B_20220601T101054_202	CS_OFFL_SIR_LRM_1B_20220601T063444_20220601T063455_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T065614_20220601T065642_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065940_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065942_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0704212_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T080834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0830948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T09304221_20220601T09304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_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_20220601T092123_20220601T094930_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_20220601T063619_20220601T063741_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065940_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T065942_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0704212_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T074212_20220601T080834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T084221_20220601T09304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101915_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_20220601T101054_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T065101_20220601T065517_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T065940_20220601T070123_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0704212_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T074212_20220601T080834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T084221_20220601T090304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T0912123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T065614_20220601T065642_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070140_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T074212_20220601T080834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T084221_20220601T090304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101915_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 CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T065644_20220601T065647_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T084221_20220601T090304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T10101915_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_20220601T101054_20220601T10101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T065650_20220601T065940_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T074212_20220601T080834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T084221_20220601T090304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_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_20220601T101054_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T065942_20220601T070123_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T080948_20220601T081616_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T084221_20220601T090304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_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_20220601T101054_20220601T101619_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	CS_OFFL_SIR_LRM_1B_20220601T070125_20220601T070440_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083643_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T084221_20220601T090304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_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_20220601T101656_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T074212_20220601T080834_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T084221_20220601T090304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101915_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_20220601T080948_20220601T081616_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T084221_20220601T090304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101656_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T083000_20220601T083643_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101656_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T083645_20220601T083718_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101656_20220601T101915_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_20220601T084221_20220601T090304_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220601T101656_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T091050_20220601T091429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T101656_20220601T101915_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T092123_20220601T094930_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220601T101054_20220601T101619_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T101917_20220601T101930_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220601T101656_20220601T101915_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220601T101917_20220601T101930_E001	Loss of echo	The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20220601T101933 20220601T102009 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T102013_20220601T102017_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_20220601T102107_2020601T102137_E001	Loss of echo	
		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T102139_20220601T104706_E001	Loss of echo Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T105351_20220601T105720_E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T115441_20220601T115522_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T115710_20220601T115821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T120107_20220601T120137_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T120208_20220601T120545_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T120837_20220601T120952_E001	Loss of echo Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T121042_20220601T121746_E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T133047_20220601T133114_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T133326_20220601T133353_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T133738_20220601T134347_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T140811_20220601T141314_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T141923_20220601T145236_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T145457_20220601T145606_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T155932_20220601T161110_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T161200_20220601T161445_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T161450_20220601T161450_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T161454_20220601T161521_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T162121_20220601T163059_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T163304_20220601T163546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T170738_20220601T172207_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T173832_20220601T175046_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T175546_20220601T175623_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T175625_20220601T180507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T180706_20220601T181534_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T182938_20220601T183127_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T183213_20220601T184313_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T184315_20220601T184318_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T184320_20220601T184438_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T184958_20220601T184959_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T185002_20220601T190343_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T190721_20220601T191536_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T194117_20220601T194122_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T194124_20220601T194220_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T194609_20220601T194609_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T194612_20220601T194648_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T194731_20220601T194748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T194750_20220601T194751_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T194753_20220601T195431_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T200941_20220601T201539_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T201634_20220601T202024_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T202026_20220601T204301_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T204857_20220601T205406_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T212430_20220601T212431_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T212434_20220601T212437_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T212508_20220601T212547_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T212550_20220601T213116_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T215342_20220601T215345_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T215348_20220601T215405_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T215409_20220601T222149_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T222822_20220601T223424_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T223610_20220601T225736_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T225739_20220601T225806_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T225808_20220601T230449_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T230531_20220601T230546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T230549_20220601T230801_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220601T230835_20220601T231037_E001	Loss of echo	The tracking echo is missing for one or more records

Product	Test Failed	Description
CS_OFFL_SIR_SIN_1B_20220601T133123_20220601T133132_E001	Cal1 Correction missing	The Cal1 correction has not been applied for one or more records

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:

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:

Product	Test Failed	Description
CS OFFL SIR LRM 1B 20220601T230549 20220601T230801 E001	Echo error. TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set,
C3_OFFL_SIN_LNW_IB_202200011230349_202200011230001_E001	Ecno error, TRK ecno error	indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a 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: 11

Product	Test Failed	Description
CS_OFFL_SIR_SAR_220220601T000012_20220601T000043_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_220220601T000206_20220601T000242_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_220220601T000438_20220601T000542_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_20220601T000622_20220601T001410_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_20220601T005114_20220601T005446_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_220220601T010430_20220601T010609_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_20220601T010801_20220601T010925_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_20220601T011943_20220601T011950_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_20220601T013331_20220601T013519_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_220220601T013726_20220601T013743_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_20220601T013743_20220601T014030_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_220220601T014207_20220601T014243_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_220220601T014328_20220601T014546_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_220220601T014607_20220601T015715_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_20220601T020609_20220601T020854_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_220220601T023020_20220601T023205_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_220220601T023802_20220601T023808_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_220220601T024335_20220601T024549_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_20220601T031144_20220601T031424_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_220220601T032059_20220601T032134_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_20220601T033446_20220601T033736_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220601T033738_20220601T033741_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_20220601T034136_20220601T034258_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_220220601T040939_20220601T041013_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_220220601T041715_20220601T041720_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 20220601T042130 20220601T042805 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220601T044034_20220601T044128_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_20220601T045823_20220601T045829_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_220220601T051546_20220601T051630_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220601T052008_20220601T052207_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_220220601T053132_20220601T053335_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_20220601T054833_20220601T054922_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 20220601T055600 20220601T055606 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220601T055614 20220601T055620 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_20220601T060028_20220601T060254_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_220220601T060418_20220601T060454_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220601T063346_20220601T063444_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_220220601T063741_20220601T063830_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_220220601T064146_20220601T064152_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 20220601T065517 20220601T065613 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220601T070441 20220601T070552 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_220220601T070553_20220601T070747_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_220220601T070749_20220601T071257_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220601T072744_20220601T072817_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_20220601T073515_20220601T073518_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_220220601T074042_20220601T074211_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_220220601T080834_20220601T080948_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 20220601T090305 20220601T090355 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220601T090649 20220601T090820 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_20220601T092001_20220601T092123_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_220220601T104706_20220601T104724_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220601T105901_20220601T110106_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_220220601T113639_20220601T113719_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_220220601T114624_20220601T114827_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_220220601T114930_20220601T115145_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220601T115523 20220601T115710 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_220220601T115822_20220601T115842_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_220220601T115843_20220601T120106_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220601T121746_20220601T122036_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_20220601T122159_20220601T122358_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_20220601T122550_20220601T122727_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_220220601T123731_20220601T124037_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220601T130452 20220601T130501 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_20220601T131347_20220601T132529_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_20220601T132643_20220601T132707_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220601T133115_20220601T133122_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

		Thousing an array with the Cross Porth value, where are an array records
CS_OFFL_SIR_SAR_2_20220601T133132_20220601T133326_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_220220601T133538_20220601T133737_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_220220601T140446_20220601T140502_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_220220601T140502_20220601T140656_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 20220601T141632 20220601T141922 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220601T145237 20220601T145457 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_220220601T145606_20220601T150726_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_220220601T150737_20220601T151755_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_20220601T154052_20220601T154749_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220601T155846_20220601T155931_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_220220601T161111_20220601T161119_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_220220601T161122_20220601T161159_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_220220601T161640_20220601T162120_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_20220601T163100_20220601T163304_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_20220601T164821_20220601T164847_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220601T170532 20220601T170738 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
	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_220220601T172208_20220601T172259_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
CS_OFFL_SIR_SAR_220220601T172433_20220601T172549_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_220220601T173809_20220601T173832_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220601T175047_20220601T175155_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_220220601T175346_20220601T175545_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_220220601T182506_20220601T182652_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_220220601T182823_20220601T182938_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_220220601T183127_20220601T183212_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_20220601T190344_20220601T190522_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 20220601T191724 20220601T191808 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220601T193414 20220601T193649 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 20220601T193652 20220601T193704 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 20220601T193916 20220601T194111 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_220220601T200644_20220601T200653_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_220220601T200716_20220601T200940_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_220220601T201540_20220601T201634_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220601T204302_20220601T204455_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_220220601T205647_20220601T205741_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_20220601T222150_20220601T222417_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_220220601T223553_20220601T223610_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_20220601T230449_20220601T230531_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_20220601T231038_20220601T231225_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_20220601T231403_20220601T232354_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SIN_2_20220601T005447_20220601T005800_E001		
	Mean Sea Surface model	falls outside of the extent of the current snow depth model There is an error with the Mean Sea Surface for one or more records
CS OFFL SIR SIN 2 20220601T023205 20220601T023624 E001		There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220601T023205_20220601T023624_E001 CS_OFFL_SIR_SIN_2_20220601T041944_20220601T042129_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220601T041944_20220601T042129_E001	Mean Sea Surface model Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220601T041944_20220601T042129_E001 CS_OFFL_SIR_SIN_2_20220601T055758_20220601T060028_E001	Mean Sea Surface model Mean Sea Surface model Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220601T041944_20220601T042129_E001 CS_OFFL_SIR_SIN_2_20220601T055758_20220601T060028_E001 CS_OFFL_SIR_SIN_2_20220601T073706_20220601T074042_E001	Mean Sea Surface model Mean Sea Surface model Mean Sea Surface model Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220601T041944_20220601T042129_E001 CS_OFFL_SIR_SIN_2_20220601T055758_20220601T060028_E001	Mean Sea Surface model Mean Sea Surface model Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220601T041944_20220601T042129_E001 CS_OFFL_SIR_SIN_2_20220601T055758_20220601T060028_E001 CS_OFFL_SIR_SIN_2_20220601T073706_20220601T074042_E001	Mean Sea Surface model Mean Sea Surface model Mean Sea Surface model Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220601T041944_20220601T042129_E001 CS_OFFL_SIR_SIN_2_20220601T055758_20220601T060028_E001 CS_OFFL_SIR_SIN_2_20220601T073706_20220601T074042_E001 CS_OFFL_SIR_SIN_2_20220601T141314_20220601T141631_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220601T041944_20220601T042129_E001 CS_OFFL_SIR_SIN_2_20220601T055758_20220601T060028_E001 CS_OFFL_SIR_SIN_2_20220601T073706_20220601T074042_E001 CS_OFFL_SIR_SIN_2_20220601T141314_20220601T141631_E001 CS_OFFL_SIR_SIN_2_20220601T154750_20220601T155027_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220601T041944_20220601T042129_E001 CS_OFFL_SIR_SIN_2_20220601T055758_20220601T060028_E001 CS_OFFL_SIR_SIN_2_20220601T073706_20220601T074042_E001 CS_OFFL_SIR_SIN_2_20220601T141314_20220601T141631_E001 CS_OFFL_SIR_SIN_2_20220601T154750_20220601T155027_E001 CS_OFFL_SIR_SIN_2_20220601T155220_20220601T155432_E001	Mean Sea Surface model Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records There is an error with the Mean Sea Surface for one or more records 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.

Number of products with errors:

259

Product	Test Failed	Description
CS_OFFL_SIR_LRM_2_20220601T000347_20220601T000438_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_20220601T001729_20220601T002839_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_20220601T002842_20220601T005114_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_20220601T010610_20220601T010800_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_20220601T010925_20220601T011942_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_20220601T011951_20220601T012418_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_20220601T014030_20220601T014206_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_20220601T014244_20220601T014328_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_20220601T015715_20220601T020608_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_2_20220601T020854_20220601T023019_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_20220601T024550_20220601T030630_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_20220601T030715_20220601T031144_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_20220601T031424_20220601T031938_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_20220601T031938_20220601T032023_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_20220601T032051_20220601T032059_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_20220601T033756_20220601T034135_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_20220601T034258_20220601T035358_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_20220601T035400_20220601T040939_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_20220601T042806_20220601T044033_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_20220601T044128_20220601T045822_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_20220601T052207_20220601T052252_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_20220601T052254_20220601T053131_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_20220601T053335_20220601T054832_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_20220601T060454_20220601T061720_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_20220601T062201_20220601T063346_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_20220601T063619_20220601T063741_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220601T065650_20220601T065940_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_LRM_220220601T071257_20220601T072744_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_220220601T074212_20220601T080834_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_20220601T084221_20220601T090304_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_20220601T092123_20220601T094930_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_20220601T101656_20220601T101915_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220601T102139_20220601T104706_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_20220601T110106_20220601T113523_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_220220601T115710_20220601T115821_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_220220601T124038_20220601T130452_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_220220601T130501_20220601T131346_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_220220601T132708_20220601T132853_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_220220601T132907_20220601T132919_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_220220601T133738_20220601T134347_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_220220601T134625_20220601T140445_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_220220601T141923_20220601T145236_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_220220601T150726_20220601T150737_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_220220601T151756_20220601T154051_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_220220601T155932_20220601T161110_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_220220601T161200_20220601T161445_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_220220601T161523_20220601T161639_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_220220601T162121_20220601T163059_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_220220601T164848_20220601T170532_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_220220601T170738_20220601T172207_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_220220601T173832_20220601T175046_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_220220601T175155_20220601T175345_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_220220601T175546_20220601T175623_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_220220601T175625_20220601T180507_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_220220601T182938_20220601T183127_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220601T183213_20220601T184313_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_220220601T185002_20220601T190343_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_220220601T191809_20220601T193413_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_220220601T193704_20220601T193915_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_220220601T194753_20220601T195431_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220601T201634_20220601T202024_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_220220601T202026_20220601T204301_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_220220601T205742_20220601T212208_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_220220601T215409_20220601T222149_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_220220601T223610_20220601T225736_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_220220601T230531_20220601T230546_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_220220601T231225_20220601T231402_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_220220601T232730_20220602T000047_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SAR_220220601T000438_20220601T000542_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T000622_20220601T001410_E001	Backscatter Error (Retracker 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_20220601T005114_20220601T005446_E001	Backscatter Error (Retracker 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_20220601T010430_20220601T010609_E001	Backscatter Error (Retracker 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_20220601T010801_20220601T010925_E001	Backscatter Error (Retracker 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_20220601T011943_20220601T011950_E001	Backscatter Error (Retracker 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_20220601T013331_20220601T013519_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T013743_20220601T014030_E001	Backscatter Error (Retracker 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_20220601T014207_20220601T014243_E001	Backscatter Error (Retracker 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_20220601T014328_20220601T014546_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T014607_20220601T015715_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T020609_20220601T020854_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T023020_20220601T023205_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T024335_20220601T024549_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T031144_20220601T031424_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T032059_20220601T032134_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T032554_20220601T033339_E001	Backscatter Error (Retracker 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_20220601T033446_20220601T033736_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T034136_20220601T034258_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T040939_20220601T041013_E001	Backscatter Error (Retracker 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_20220601T042130_20220601T042805_E001	Backscatter Error (Retracker 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_20220601T044034_20220601T044128_E001	Backscatter Error (Retracker 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_20220601T045823_20220601T045829_E001	Backscatter Error (Retracker 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_20220601T050503_20220601T051026_E001	Backscatter Error (Retracker 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_20220601T051119_20220601T051220_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T052008_20220601T052207_E001	Backscatter Error (Retracker 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_20220601T053132_20220601T053335_E001	Backscatter Error (Retracker 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 20220601T054833 20220601T054922 E001	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_220220601T060028_20220601T060254_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_220220601T060418_20220601T060454_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T063346_20220601T063444_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T064146_20220601T064152_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T064403_20220601T065100_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T070749_20220601T071257_E001	Backscatter Error (Retracker 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_20220601T072744_20220601T072817_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T074042_20220601T074211_E001	Backscatter Error (Retracker 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_20220601T080834_20220601T080948_E001	Backscatter Error (Retracker 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_20220601T082226_20220601T082733_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T082811_20220601T083000_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T090305_20220601T090355_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T090649_20220601T090820_E001	Backscatter Error (Retracker 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_20220601T092001_20220601T092123_E001	Backscatter Error (Retracker 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_20220601T095944_20220601T100758_E001	Backscatter Error (Retracker 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_20220601T100822_20220601T101054_E001	Backscatter Error (Retracker 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_20220601T104706_20220601T104724_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T105901_20220601T110106_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T113836_20220601T114608_E001	Backscatter Error (Retracker 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_20220601T114624_20220601T114827_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T114930_20220601T115145_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T115523_20220601T115710_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T115843_20220601T120106_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T121746_20220601T122036_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T122159_20220601T122358_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T122550_20220601T122727_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T123731_20220601T124037_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T130452_20220601T130501_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T131347_20220601T132529_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T132643_20220601T132707_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T133132_20220601T133326_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T133538_20220601T133737_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T140446_20220601T140502_E001	Backscatter Error (Retracker 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 20220601T140502 20220601T140656 E001	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_220220601T141632_20220601T141922_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_220220601T145237_20220601T145457_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T145606_20220601T150726_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T150737_20220601T151755_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T154052_20220601T154749_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T155846_20220601T155931_E001	Backscatter Error (Retracker 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_20220601T161122_20220601T161159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T161640_20220601T162120_E001	Backscatter Error (Retracker 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_20220601T163100_20220601T163304_E001	Backscatter Error (Retracker 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_20220601T163546_20220601T164304_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T164821_20220601T164847_E001	Backscatter Error (Retracker 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_20220601T170532_20220601T170738_E001	Backscatter Error (Retracker 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_20220601T172208_20220601T172259_E001	Backscatter Error (Retracker 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_20220601T172433_20220601T172549_E001	Backscatter Error (Retracker 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_20220601T173809_20220601T173832_E001	Backscatter Error (Retracker 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_20220601T175047_20220601T175155_E001	Backscatter Error (Retracker 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_20220601T175346_20220601T175545_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T181534_20220601T181706_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T181709_20220601T181729_E001	Backscatter Error (Retracker 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_20220601T181746_20220601T182218_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T182506_20220601T182652_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T182823_20220601T182938_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T183127_20220601T183212_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T190344_20220601T190522_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T191724_20220601T191808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T193414_20220601T193649_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T193652_20220601T193704_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T193916_20220601T194111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T195432_20220601T200132_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T200716_20220601T200940_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T204302_20220601T204455_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T205647_20220601T205741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T213243_20220601T213446_E001	Backscatter Error (Retracker 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_20220601T213518_20220601T213627_E001	Backscatter Error (Retracker 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_20220601T213648_20220601T214152_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220601T222150_20220601T222417_E001	Backscatter Error (Retracker 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_20220601T223553_20220601T223610_E001	Backscatter Error (Retracker 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_20220601T230449_20220601T230531_E001	Backscatter Error (Retracker 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_20220601T231038_20220601T231225_E001	Backscatter Error (Retracker 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_20220601T231403_20220601T232354_E001	Backscatter Error (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_220220601T000044_20220601T000206_E001	Backscatter Error (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_220220601T000543_20220601T000621_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_20220601T001410_20220601T001520_E001	Backscatter Error (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_20220601T001604_20220601T001729_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_220220601T005447_20220601T005800_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_20220601T010314_20220601T010429_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_20220601T012419_20220601T012535_E001	Backscatter Error (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_20220601T013520_20220601T013557_E001	Backscatter Error (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_20220601T014546_20220601T014607_E001	Backscatter Error (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_20220601T023205_20220601T023624_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_220220601T024220_20220601T024335_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_20220601T030630_20220601T030714_E001	Backscatter Error (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_20220601T032024_20220601T032051_E001	Backscatter Error (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_20220601T032135_20220601T032414_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_20220601T032430_20220601T032554_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220601T041014_20220601T041136_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_20220601T041944_20220601T042129_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_20220601T045829_20220601T050239_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_20220601T050359_20220601T050502_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_20220601T051027_20220601T051118_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_20220601T051818_20220601T052007_E001	Backscatter Error (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_20220601T054922_20220601T055104_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_20220601T055632_20220601T055638_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220601T055758_20220601T060028_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_20220601T060254_20220601T060417_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records

	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3, an ambiguous angle
CS_OFFL_SIR_SIN_220220601T063830_20220601T064146_E001	track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	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_220220601T064153_20220601T064402_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_220220601T072818_20220601T073033_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_220220601T073546_20220601T073553_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220601T073706_20220601T074042_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_220220601T081834_20220601T082225_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_220220601T082734_20220601T082810_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_220220601T083720_20220601T083853_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_220220601T083951_20220601T084220_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_220220601T090821_20220601T091049_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_220220601T091446_20220601T091452_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220601T091818_20220601T092000_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_220220601T094930_20220601T095943_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_220220601T100758_20220601T100807_E001	Backscatter Error (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_220220601T100807_20220601T100821_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_220220601T104724_20220601T104849_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_220220601T105345_20220601T105351_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220601T105720_20220601T105901_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_220220601T113523_20220601T113638_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_220220601T114609_20220601T114623_E001	Backscatter Error (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_220220601T122727_20220601T122848_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_220220601T123416_20220601T123730_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_220220601T132530_20220601T132642_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_220220601T132854_20220601T132907_E001	Backscatter Error (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_220220601T132920_20220601T133046_E001	Backscatter Error (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_220220601T133123_20220601T133132_E001	Calibration Warning	The Calibration correction is missing or has been taken from the IPFDB instead of the Calibration products for one or more records
CS_OFFL_SIR_SIN_220220601T133354_20220601T133537_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_220220601T134347_20220601T134624_E001	Backscatter Error (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_220220601T140657_20220601T140811_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_220220601T141314_20220601T141631_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_220220601T154750_20220601T155027_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_220220601T155220_20220601T155432_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_20220601T155433_20220601T155845_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_20220601T164305_20220601T164425_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_20220601T164705_20220601T164820_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220601T172259_20220601T172303_E001	Backscatter Error (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_20220601T172303_20220601T172432_E001	Backscatter Error (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_20220601T172549_20220601T172924_E001	Backscatter Error (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_20220601T173132_20220601T173223_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220601T173634_20220601T173809_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_20220601T180508_20220601T180705_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_20220601T181729_20220601T181746_E001	Backscatter Error (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_20220601T182219_20220601T182324_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_20220601T182412_20220601T182505_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_20220601T182653_20220601T182822_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_220220601T184439_20220601T184957_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_20220601T190523_20220601T190720_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_20220601T191536_20220601T191718_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_20220601T191718_20220601T191724_E001	Backscatter Error (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_20220601T194221_20220601T194608_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_20220601T194649_20220601T194731_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_20220601T200132_20220601T200643_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_20220601T200654_20220601T200715_E001	Backscatter Error (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_20220601T204456_20220601T204614_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_20220601T204816_20220601T204856_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220601T205406_20220601T205647_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_20220601T212421_20220601T212424_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_20220601T213447_20220601T213518_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_20220601T213628_20220601T213647_E001	Backscatter Error (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_220220601T214152_20220601T215341_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_20220601T222418_20220601T222538_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_20220601T222626_20220601T222822_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220601T223425_20220601T223553_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__20220601T232355_20220601T232729_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