

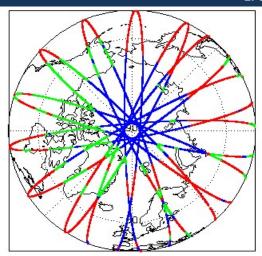
## 1. Overview

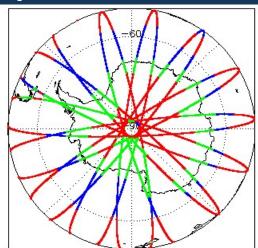
Report Production Date:	16-Sep-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

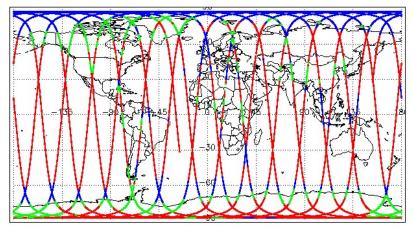
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 5.2
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	See Section 4.6, 5.3 and 6.3
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

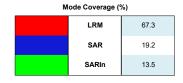
Mission / Instrument News	
17-Aug-2022	Large gap of DORIS and Star Tracker L0 at 17/08/2022 12:58:24 to 14:36:33 due to xband acquisition problems
18-Aug-2022	None
19-Aug-2022	Nothing planned

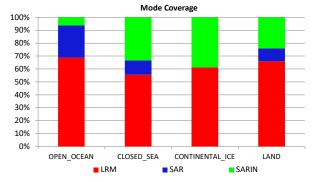
# 2. Global Coverage

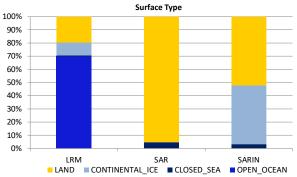












## 3. Instrument Configuration

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:

0

#### 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:

Not 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:

## 4.4 L1B Tracking Flags Check

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

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

Number of products with errors: 10

Co.CPFL. SRL_PAM_18_2022081817003813_2022081817003827_EDID  Co.CPFL. SRL_PAM_18_2022081817003813_2022081817003847_EDID  Co.CPFL. SRL_PAM_18_202208181700383_2022081817003847_EDID  Co.CPFL. SRL_PAM_18_202208181700383_2022081817003847_EDID  Co.CPFL. SRL_PAM_18_202208181700383_202208181704387_EDID  Co.CPFL. SRL_PAM_18_202208181704387_202208181704387_EDID  Co.CPFL. SRL_PAM_18_202208181704387_202208181704387_EDID  Co.CPFL. SRL_PAM_18_202208181704387_EDID  Co.CPFL. SRL_PAM_18_202208181704387_EDID  Co.CPFL. SRL_PAM_18_202208181704387_EDID  Co.CPFL. SRL_PAM_18_202208181704387_EDID  Co.CPFL. SRL_PAM_18_202208181704387_EDID  Co.CPFL. SRL_PAM_18_202208181702387_EDID  Co.CPFL. SRL_PAM_18_202208181702388_EDID  Co.CPFL. SRL_PAM_18_202208181702388_ED	Product	Test Failed	Description
CB_OFF_SR_LEM_18_20220816700578_00220816700584_E001	CS_OFFL_SIR_LRM_1B_20220818T003813_20220818T004530_E001	Loss of echo	The tracking echo is missing for one or more records
C.S., OFFL, SR., LPM, IB, 202208187035809, 202208187014639, E001   Loss of echo	CS_OFFL_SIR_LRM_1B_20220818T004532_20220818T005257_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRN_IB_20220818T013417_20220818T01443E_EDID  CS_OFFL_SR_LRN_IB_20220818T0144317_20220818T01443E_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T014439_20220818T01443E_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T014439_20220818T02448E_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T014439_20220818T02448E_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T014179_20220818T02448E_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T021716_20220818T02248E_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T021749_20220818T02248E_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T021749_20220818T02248E_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T031417_20220818T032331_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T031417_20220818T032331_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T03444_20220818T032331_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T03444_20220818T03438_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T03444_20220818T03438_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T03444_20220818T03438_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T03438_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T03438_EDID  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRN_IB_20220818T03438_EDID  Loss of	CS_OFFL_SIR_LRM_1B_20220818T005738_20220818T005834_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRN_18_202208187014217_202208187014435_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187014435_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187014403_202208187024046_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187024046_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187024045_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187022604_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187022604_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187022604_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187022604_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187022604_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187022604_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187026042_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187036042_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187036042_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_202208187036042_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_20220818704038_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_20220818704038_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_20220818704038_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRN_18_20220818704038_E001  Loss of echo The tracking echo is	CS_OFFL_SIR_LRM_1B_20220818T005839_20220818T005847_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LNN_18_202208187014439_20208187014439_E001	CS_OFFL_SIR_LRM_1B_20220818T005850_20220818T011431_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_202208187014441_202208187014857_ED01	CS_OFFL_SIR_LRM_1B_20220818T013217_20220818T014436_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LRM_IB_202208187014903_20220818702249E_E001	CS_OFFL_SIR_LRM_1B_20220818T014439_20220818T014439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_18_202208187022082_02208187022356_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_202208187022362_022028187022357_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_202208187032378_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_20220818703478_202208187032331_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_20220818703424_202208187034350_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_202208187034342_202208187034350_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_202208187034342_202208187034350_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_202208187034324_202208187043450_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_202208187034032_20220818704338_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_202208187040182_20220818704038_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_20220818704032_20220818704038_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_20220818704032_20220818704038_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_20220818704039_20220818704038_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_20220818704039_20220818704038_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_20220818704039_20220818704039_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_20220818704039_202208187043312_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_202208187063810_20228818705328_E001  Loss of echo The tracking echo is missing for one or mo	CS_OFFL_SIR_LRM_1B_20220818T014441_20220818T014557_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T022739_20220818T023759_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T03147_20220818T032359_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T03447_20220818T033515_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T03444_20220818T03450_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T034442_0220818T04459_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T044029_20220818T04459_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T044029_20220818T04459_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T044029_20220818T04459_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T040322_20220818T049328_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T040322_20220818T040328_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T040322_20220818T040328_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T040324_20220818T040328_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T040340_20220818T040340_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T040340_20220818T040342_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T041038_20220818T040342_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T0410720220818T040512_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T0405472_20220818T06452_E001  Loss of echo The	CS_OFFL_SIR_LRM_1B_20220818T014903_20220818T020446_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_1B_20220818T032342_20220818T032331_E001	CS_OFFL_SIR_LRM_1B_20220818T021716_20220818T022458_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220818T033458_20220818T033315_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T033369_20220818T033459_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T034349_20220818T034359_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T034349_20220818T044394_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T034392_20220818T044394_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040332_20220818T040338_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040332_20220818T040338_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040332_20220818T040336_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040434_20220818T040353_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T0404034_20220818T040353_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T0404032_20220818T040393_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T041038_20220818T0403132_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T04132_2020818T05132_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051328_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051328_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051328_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051328_E001  Loss of echo The tracking echo is missing for one or more records  CS	CS_OFFL_SIR_LRM_1B_20220818T022502_20220818T022507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220818T033454_20220818T034092_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T033434_20220818T034092_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T034092_20220818T040134_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040332_20220818T040318_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040332_20220818T040338_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040332_20220818T040338_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040332_20220818T040393_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040392_20220818T040393_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040392_2020818T040392_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T041032_2020818T043332_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T041032_2020818T04332_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T044811_20220818T051322_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051344811_20220818T051328_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051848_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051848_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051849_20220818T053738_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T0538582_2020818T05349_E001 Loss of echo The tracking echo is missing for one or mor	CS_OFFL_SIR_LRM_1B_20220818T022739_20220818T023759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220818T03434_20220818T043429_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T034529_20220818T04359_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T035538_20220818T040318_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040328_20020818T04038_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040332_20020818T04038_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040332_20020818T04038_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040349_20220818T04035_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040349_20220818T04035_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T04038_20220818T040332_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040419_2020818T04332_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T044811_20220818T0440832_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T044811_20220818T051322_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051381_20220818T051383_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053850_2020818T05438_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053850_2020818T05438_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053850_2020818T05338_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053457_20220818T05441  Loss of ec	CS_OFFL_SIR_LRM_1B_20220818T031417_20220818T032331_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220818T034029_20220818T040138_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040138_20220818T040138_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040138_20220818T040138_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040138_20220818T04038_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040331_20220818T04038_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T04034_20220818T040352_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T04034_20220818T040352_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T04034_20220818T04332_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T041038_20220818T04312_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T04103_20220818T04312_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T04103_20220818T04410_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051810_20220818T05183_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051830_20220818T05388_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053880_20220818T05388_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053880_20220818T05388_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053880_20220818T05388_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053880_20220818T07348_E001  Loss o	CS_OFFL_SIR_LRM_1B_20220818T032658_20220818T033150_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220818T04038_20220818T040318_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040318_20220818T040318_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040323_20220818T040332_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040331_20220818T040338_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040349_20220818T040502_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040414_20220818T040502_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T041033_20220818T0440932_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T041033_20220818T0440932_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T0410417_20220818T0412E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T041325_20220818T051546_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051540_20220818T051546_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051541_20220818T051548_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051541_20220818T051543_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053580_20220818T05440_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T0540258_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T05402020818T054401_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T07402020818T072414_E001  Loss of echo	CS_OFFL_SIR_LRM_1B_20220818T033434_20220818T034020_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T040318_E001	CS_OFFL_SIR_LRM_1B_20220818T034029_20220818T034359_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220818T040322_20220818T040338_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040341_20220818T040353_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040414_20220818T040932_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040903_20220818T0409032_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040903_20220818T040932_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T041038_02220818T041332_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T044811_20220818T041332_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T044811_20220818T051232_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051235_20220818T051232_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051235_20220818T051846_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051810_20220818T051848_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051841_20220818T053728_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053852_20220818T054521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T05467_20220818T054521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T073047_20220818T073444_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T072047_20220818T072444_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T0737346_E00344_E00	CS_OFFL_SIR_LRM_1B_20220818T035536_20220818T040134_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T04031_20220818T040346_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T040414_20220818T040502_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T04033_20220818T040932_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T04093_20220818T0403312_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T04103_202220818T044011_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T044107_20220818T04401_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T041811_20220818T05123_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T05123_E0201  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051312_E0220818T051346_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051810_20220818T051846_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051810_20220818T051804_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T053850_20220818T053728_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T053852_20220818T054401_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T053852_20220818T05457_20220818T05457_20220818T05457_20220818T05457_20220818T05457_20220818T07247_2020818T07247_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T072346_20220818T072344_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T072346_20220818T073344_E001  Loss of echo  The tracking echo is missing for	CS_OFFL_SIR_LRM_1B_20220818T040136_20220818T040318_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220818T040349_20220818T040502_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040930_20220818T040932_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T040930_20220818T040932_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T041038_20220818T0440132_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T044107_20220818T044101_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T044107_20220818T051232_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051235_20220818T051232_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051810_20220818T051838_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T051810_20220818T051838_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053850_202220818T052043_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T053852_20220818T054401_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T05472_20220818T054012_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T05472_20220818T052041 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T05472_20220818T072014_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T074309_20220818T072014_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T072346_20220818T072344_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220818T072346_20220818T0723456_20220818T073305_E001 Loss of ech	CS_OFFL_SIR_LRM_1B_20220818T040322_20220818T040328_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T040414_20220818T040932_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T041038_20220818T043132_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T04107_20220818T044401_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T044107_20220818T044401_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051235_20220818T051232_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051235_20220818T051546_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051810_20220818T051838_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051810_20220818T051838_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051841_20220818T051832_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T053852_20220818T053728_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T054452_20220818T054401_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T054527_20220818T054521_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T05407_20220818T07304_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T072047_20220818T072014_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073042_20220818T072346_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T07346_20220818T073365_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073365_20220818T073365_E001 Loss of echo The tracking	CS_OFFL_SIR_LRM_1B_20220818T040331_20220818T040346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T040903_20220818T040932_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T041038_20220818T044401_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T044107_20220818T051232_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051235_20220818T051546_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051810_20220818T051838_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051810_20220818T051838_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T051841_20220818T052043_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T053850_20220818T053728_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T053850_20220818T053728_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T053852_20220818T054401_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T054457_20220818T054521_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T062334_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T072047_20220818T072344_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T072346_20220818T073355_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T07355_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T07355_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T07355_E001 Loss of echo The tracking echo is missing	CS_OFFL_SIR_LRM_1B_20220818T040349_20220818T040353_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T041038_20220818T04401_E001	CS_OFFL_SIR_LRM_1B_20220818T040414_20220818T040502_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220818T072047_20220818T072344_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T072346_20220818T072417_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T072420_20220818T073055_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T073658_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073701_20220818T073704_E001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220818T062007_20220818T062334_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T072346_20220818T072417_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T073055_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T073658_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073701_20220818T073704_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_20220818T071309_20220818T072014_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T073055_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T073658_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073701_20220818T073704_E001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220818T072047_20220818T072344_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T073658_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220818T073701_20220818T073704_E001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220818T072346_20220818T072417_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T073701_20220818T073704_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220818T072420_20220818T073055_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220818T073057_20220818T073658_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T073707_20220818T073711_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220818T073701_20220818T073704_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220818T073707_20220818T073711_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20220818T073713_20220818T074158_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T075446_20220818T080035_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T080826_20220818T082936_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T082943_20220818T082943_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T082947_20220818T084004_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T085458_20220818T085529_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T085849_20220818T090046_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T090128_20220818T090146_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T090148_20220818T090202_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T090205_20220818T090210_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T091140_20220818T091505_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T091531_20220818T091722_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T101027_20220818T102201_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T104115_20220818T104248_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T104353_20220818T104437_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T104439_20220818T104844_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T105022_20220818T110837_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T111607_20220818T111831_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T112608_20220818T120211_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T123344_20220818T124629_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T125544_20220818T125740_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T125927_20220818T130244_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T130509_20220818T132006_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T132208_20220818T133200_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T133515_20220818T134141_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T135410_20220818T141046_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T141407_20220818T141504_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T141527_20220818T141539_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T141548_20220818T142231_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T143413_20220818T143702_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T150723_20220818T150842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T150922_20220818T151315_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T151317_20220818T151334_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T151338_20220818T151516_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T151531_20220818T152138_E001  CS_OFFL_SIR_LRM_1B_20220818T153319_20220818T153540_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220818T153702_20220818T154252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T154536_20220818T160826_E001	Loss of echo  Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T161215_20220818T162050_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T161213_20220818T162030_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_20220818T165337_20220818T165704_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T171200_20220818T171248_E001	Loss of echo	-
CS_OFFL_SIR_LRM_1B_20220818T171410_20220818T171817_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_20220818T172011_20220818T172015_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T172017_20220818T174748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T180342_20220818T182938_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T182941_20220818T183213_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T183248_20220818T183505_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T183505_20220818T184134_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220818T195222 20220818T195716 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T195953_20220818T200009_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T200148_20220818T200729_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T201125_20220818T201252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T201252_20220818T201446_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T201725_20220818T201748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T203227_20220818T210533_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T214136_20220818T214822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T214948_20220818T215141_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T220932_20220818T223945_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T223955_20220818T224435_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T225256_20220818T225710_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220818T234819_20220819T000826_E001	Loss of echo	The tracking echo is missing for one or more records

#### 4.5 L1B Calibration Usage Check

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

Number of products with errors:

#### 4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

### 4.7 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag 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_20220818T021716_20220818T022458_E001	IECDO error IRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

## 5. Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

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#### 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 availlable 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.

lumber of products with errors: 8

Product	Test Failed	Description
CS_OFFL_SIR_SAR_2_20220818T005257_20220818T005738_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_20220818T011432_20220818T011525_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_20220818T012216_20220818T012222_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_220220818T012229_20220818T012235_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_220220818T012631_20220818T013217_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_220220818T014558_20220818T014903_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_220220818T020610_20220818T020808_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_220220818T023759_20220818T023859_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_220220818T023901_20220818T023939_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_20220818T025319_20220818T025439_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_220220818T030128_20220818T030135_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_20220818T033313_20220818T033434_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_20220818T034417_20220818T034437_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_20220818T040932_20220818T041038_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_220220818T043132_20220818T043346_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

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CS_OFFL_SIR_SAR_220220818T044608_20220818T044811_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_20220818T061118_20220818T061309_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_220220818T062459_20220818T062725_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_220220818T074158_20220818T074636_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_220220818T075046_20220818T075320_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_220220818T080351_20220818T080826_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_220220818T084058_20220818T084127_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_20220818T085529_20220818T085558_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220818T085651 20220818T085849 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 20220818T090210 20220818T090529 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_20220818T091722_20220818T091905_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 20220818T092837 20220818T093250 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_220220818T094231_20220818T094633_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_220220818T100743_20220818T101027_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_220220818T102921_20220818T103119_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_220220818T103350_20220818T104114_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220818T104248_20220818T104353_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_20220818T110837_20220818T111304_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_220220818T112347_20220818T112608_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_220220818T121332_20220818T121349_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_220220818T123330_20220818T123343_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_220220818T124629_20220818T125309_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_220220818T130412_20220818T130509_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_220220818T132006_20220818T132208_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_220220818T141046_20220818T141233_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_220220818T142231_20220818T142621_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_220220818T142700_20220818T142711_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_220220818T142803_20220818T142810_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_220220818T144329_20220818T144437_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_220220818T145834_20220818T150013_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_220220818T150105_20220818T150409_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_220220818T150409_20220818T150723_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_220220818T151516_20220818T151530_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_20220818T153005_20220818T153049_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_220220818T153229_20220818T153242_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_20220818T154252_20220818T154414_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 20220818T160826 20220818T161029 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220818T162236 20220818T162413 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_220220818T165238_20220818T165337_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 20220818T174748 20220818T175007 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 20220818T180135 20220818T180342 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 20220818T183213 20220818T183248 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_20220818T192531_20220818T192954_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_20220818T194047_20220818T194251_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_20220818T194711_20220818T195222_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_220220818T200729_20220818T200902_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_220220818T201028_20220818T201100_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_220220818T201446_20220818T201533_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220818T201656_20220818T201725_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_220220818T203014_20220818T203055_E001	Snow depth model	falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220220818T210533_20220818T210933_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_220220818T211921_20220818T212339_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_20220818T214822_20220818T214948_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_20220818T215141_20220818T215151_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_220220818T215154_20220818T215244_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_20220818T215244_20220818T215735_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_20220818T215916_20220818T220030_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_20220818T224435_20220818T224650_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_20220818T225250_20220818T225256_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_20220818T225820_20220818T230206_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_20220818T232701_20220818T232807_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_20220818T233604_20220818T233615_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_2_20220818T012425_20220818T012630_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220818T030308_20220818T031003_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220818T093929_20220818T094230_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220818T111304_20220818T111607_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220818T111831_20220818T112347_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220818T125309_20220818T125544_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220818T142810_20220818T143413_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220818T192954_20220818T193343_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220818T210933_20220818T211248_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

## 5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 2 products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Height and Backscatter errors: These flags are currently set for products over land, but this is to be expected. Retracker 1 Height and Backscatter error flags are also set for products over sea-ice, but this is to be expected.

SSHA interpolation error: This flag is currently set for a number of SAR products occurring at surface type boundaries, but this is to be expected.

Freeboard error: This flag is correctly set in all L2 SAR products that are not discriminated as sea-ice, and for which freeboard cannot be calculated.

Peakiness error: This flag is currently set for products over sea-ice, but this is to be expected.

SARIn X-Track Angle Error: This flag is set when the difference between the computed surface elevation and the DEM is >50 m. The DEM is only available over Greenland and Antarctica and as a result this flag is set for L2 SARIn products in all other locations as expected.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220817T235417_20220818T002556_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_220220818T003813_20220818T004530_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_220220818T004532_20220818T005257_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_220220818T005738_20220818T005834_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_220220818T005850_20220818T011431_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_220220818T013217_20220818T014436_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_220220818T014903_20220818T020446_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_220220818T022739_20220818T023759_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_220220818T023939_20220818T025319_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_220220818T031417_20220818T032331_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_220220818T032658_20220818T033150_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_220220818T033434_20220818T034020_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220818T034029_20220818T034359_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

(Refeated 2), Backscatter Error (Reteated 2), Regist Error (Reteated 2), Regist Error (Reteated 2), Regist Error (Reteated 2), Backscatter Error (Reteated 2),
CS_OFFL_SIR_LRM_2_20220818T064722_20220818T064724_D0220818T070318_E001  Height Error (Retracker 2). Backscatter Error (Retracker 2) and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or mo
Enrig (Retracker 2)  S_OFFL_SIR_LRM_2_20220818T092726_20220818T070018_E001  Height Error (Retracker 2). Backscatter Error (Retracker
Error (Retracker 2)  CS_OFFL_SIR_LRM_2_20220818T071309_20220818T07244_E001  Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  S_OFFL_SIR_LRM_2_20220818T072047_20220818T072344_E001  S_Urace Model Unavailable  S_OFFL_SIR_LRM_2_20220818T072420_20220818T073055_E001  Eleight Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  CS_OFFL_SIR_LRM_2_20220818T07373_20220818T073055_E001  Eleight Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  CS_OFFL_SIR_LRM_2_20220818T073713_20220818T074158_E001  CS_OFFL_SIR_LRM_2_20220818T080826_20220818T082936_E001  Eleight Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  CS_OFFL_SIR_LRM_2_20220818T080826_20220818T082936_E001  Eleight Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  CS_OFFL_SIR_LRM_2_20220818T082937_20220818T08404_E001  Eleight Error (Retracker 2). Backscatter error for Retracker 2 and no DEM or Store (Retracker 2). Backscatter error for Retracker 2 and no DEM or Store (Retracker 2). Backscatter error for Retracker 2 and no DEM or Store (Retracker 2). Backscatter error for Retracker 2 and no DEM or Store (Retracker 2). Backscatter error for Retracker 2 and no DEM or Store (Retracker 2). Backscatter error for Retracker 2 for one or more records  Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  Error (Retracker 2). Backscatter error for Retracker 2 for one or more records  Error (Retracker 2). Backscatter error for Retrack
Error (Retracker 2)  Error (Retracker 2)  Error (Retracker 2)  Surface Model Unavailable  No DEM or Slope Model was used for the location of one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter
CS_OFFL_SIR_LRM_2_20220818T073420_20220818T073055_E001  Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Re
Error (Retracker 2) records  CS_OFFL_SIR_LRM_2_20220818T09393_E001  CS_OFFL_SIR_LRM_2_20220818T080826_20220818T082936_E001  CS_OFFL_SIR_LRM_2_20220818T080826_20220818T082936_E001  CS_OFFL_SIR_LRM_2_20220818T082947_20220818T084004_E001  CS_OFFL_SIR_LRM_2_20220818T082947_20220818T084004_E001  CS_OFFL_SIR_LRM_2_20220818T085157_20220818T084004_E001  CS_OFFL_SIR_LRM_2_20220818T085157_20220818T085414_E001  CS_OFFL_SIR_LRM_2_20220818T085157_20220818T085414_E001  CS_OFFL_SIR_LRM_2_20220818T091531_20220818T091722_E001  CS_OFFL_SIR_LRM_2_20220818T091905_20220818T092837_E001  CS_OFFL_SIR_LRM_2_20220818T094083_20220818T1092837_E001  CS_OFFL_SIR_LRM_2_20220818T094083_20220818T100743_E001  CS_OFFL_SIR_LRM_2_20220818T094083_20220818T100743_E001  CS_OFFL_SIR_LRM_2_20220818T10904633_20220818T100201_E001  CS_OFFL_SIR_LRM_2_20220818T109022_20220818T100201_E001  CS_OFFL_SIR_LRM_2_20220818T109022_20220818T100201_E001  CS_OFFL_SIR_LRM_2_20220818T109022_20220818T100201_E001  CS_OFFL_SIR_LRM_2_20220818T109022_20220818T100201_E001  CS_OFFL_SIR_LRM_2_20220818T1120344_20220818T102011_E001  CS_OFFL_SIR_LRM_2_20220818T1123449_20220818T102011_E001  CS_OFFL_SIR_LRM_2_20220818T1123449_20220818T102011_E001  CS_OFFL_SIR_LRM_2_20220818T1123449_20220818T102011_E001  CS_OFFL_SIR_LRM_2_20220818T1123449_20220818T102011_E001  CS_OFFL_SIR_LRM_2_20220818T1123449_20220818T102011_E001  CS_OFFL_SIR_LRM_2_20220818T1123449_20220818T102011_E001  CS_OFFL_SIR_LRM_2_20220818T123344_20220818T102011_E001  CS_OFFL_SIR_LRM_2_20220818T123344_20220818T1020211_E001  CS_OFFL_SIR_LRM_2_20220818T123344_20220818T102021_E001  CS_OFFL_SIR_LRM_2_20220818T123344_20220818T102021_E001  CS_OFFL_SIR_LRM_2_20220818T123344_20220818T102021_E001  CS_OFFL_SIR_LRM_2_20220818T1030509_20220818T104629_E001  CS_OFFL_SIR_LRM_2_20220818T1030509_20220818T104629_E001  CS_OFFL_SIR_LRM_2_20220818T1030509_20220818T104629_E001  CS_OFFL_SIR_LRM_2_20220818T1030509_20220818T104629_E001  CS_OFFL_SIR_LRM_2_20220818T100509_20220818T104629_E001  CS_OFFL_SIR_LRM_2_20220818T100509_20220818T104629_E001  CS_
(Retracker 3), Backscatter Error (Retracker 3) to Retracker 3 (Retracker 3
Error (Retracker 2). 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_20220818T085157_20220818T085414_E001  CS_OFFL_SIR_LRM_2_20220818T091531_20220818T091722_E001  CS_OFFL_SIR_LRM_2_20220818T091531_20220818T092837_E001  CS_OFFL_SIR_LRM_2_20220818T091905_20220818T092837_E001  CS_OFFL_SIR_LRM_2_20220818T091905_20220818T092837_E001  CS_OFFL_SIR_LRM_2_20220818T091905_20220818T092837_E001  CS_OFFL_SIR_LRM_2_20220818T091905_20220818T092837_E001  CS_OFFL_SIR_LRM_2_20220818T094633_20220818T100743_E001  CS_OFFL_SIR_LRM_2_20220818T094633_20220818T102201_E001  CS_OFFL_SIR_LRM_2_20220818T101027_20220818T102201_E001  CS_OFFL_SIR_LRM_2_20220818T101027_20220818T102201_E001  CS_OFFL_SIR_LRM_2_20220818T105022_20220818T10837_E001  CS_OFFL_SIR_LRM_2_20220818T10202_20220818T10001  CS_OFFL_SIR_LRM_2_20220818T10202_20220818T10001  CS_OFFL_SIR_LRM_2_20220818T105022_20220818T10001  CS_OFFL_SIR_LRM_2_20220818T100202_2020818T10001  CS_OFFL_SIR_LRM_2_20220818T112808_20220818T10001  CS_OFFL_SIR_LRM_2_20220818T112808_20220818T12001  CS_OFFL_SIR_LRM_2_20220818T123344_20220818T12001  CS_OFFL_SIR_LRM_2_20220818T123344_20220818T123330_E001  CS_OFFL_SIR_LRM_2_20220818T103009_20220818T100001  CS_OFFL_SIR_LRM_2_20220818T103009_20220818T100001  CS_OFFL_SIR_LRM_2_20220818T1000000000000000000000000000000
CS_OFFL_SIR_LRM_2_20220818T082947_20220818T095414_E001  CS_OFFL_SIR_LRM_2_20220818T0955157_20220818T095414_E001  CS_OFFL_SIR_LRM_2_20220818T091531_20220818T091722_E001  Height Error (Retracker 2), Backscatter Error (Retracker 2), B
Error (Retracker 2)  CS_OFFL_SIR_LRM_2_20220818T091531_20220818T091722_E001  Error (Retracker 2), Backscatter Error (Retracker 2), B
Error (Retracker 2)  CS_OFFL_SIR_LRM_2_20220818T091905_20220818T092837_E001  Error (Retracker 2), Backscatter records  CS_OFFL_SIR_LRM_2_20220818T094633_20220818T100743_E001  Error (Retracker 2), Backscatter records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  CS_OFFL_SIR_LRM_2_20220818T101027_20220818T102201_E001  Error (Retracker 2), Backscatter records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  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  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 2), Backscatter error for Retracker 2 and a height error (Retracker 2) and a height error for Retracker 2 and a height error for Retrack
Error (Retracker 2)  CS_OFFL_SIR_LRM_220220818T1094633 _20220818T100743 _E001  Error (Retracker 2), Backscatter records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  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_220220818T121349 _20220818T123330 _E001  Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records  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_220220818T121349 _20220818T123330 _E001  Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2)  CS_OFFL_SIR_LRM_220220818T101027_20220818T102201_E001  Height Error (Retracker 2), Backscatter Error (Retracker 2) and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  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  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_220220818T12134920220818T123330_E001  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatte
Error (Retracker 2)  CS_OFFL_SIR_LRM_2_20220818T105022_20220818T110837_E001  Error (Retracker 2), Backscatter records  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_20220818T121349_20220818T123330_E001  Error (Retracker 2), Backscatter records  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_20220818T121349_20220818T123330_E001  Error (Retracker 2), Backscatter records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2)  CS_OFFL_SIR_LRM_2_20220818T112608_20220818T120211_E001  Error (Retracker 2), Backscatter Error (Retracker 2), B
CS_OFFL_SIR_LRM_2_20220818T112608_20220818T120211_E001  Error (Retracker 2), Surface model unavailable  CS_OFFL_SIR_LRM_2_20220818T121349_20220818T123330_E001  Height Error (Retracker 2), Backscatter Error in Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2)  CS_OFFL_SIR_LRM_2_20220818T123344_20220818T124629_E001  Error (Retracker 2), Backscatter Error (Retracker 2), B
Error (Retracker 2)  Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error
CS_OFFL_SIR_LRM_2_20220818T130509_20220818T132006_E001 (Retracker 3), Backscatter Error for Characker 2 and a neight error for Characker 3), Backscatter 5,
CS_OFFL_SIR_LRM_2_20220818T132208_20220818T133200_E001  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2
CS_OFFL_SIR_LRM_2_20220818T135410_20220818T141046_E001 (Retracker 3), Backscatter Error (Retracker 2) (Retracker 2)
CS_OFFL_SIR_LRM_2_20220818T150013_20220818T150105_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_20220818T150922_20220818T151315_E001  Surface Model Unavailable  No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_2_20220818T151338_20220818T151516_E001  Surface Model Unavailable  No DEM or Slope Model was used for the location of one or more record  Height Error (Retracker 2), Height Error
CS_OFFL_SIR_LRM_2_20220818T153319_20220818T153540_E001 (Retracker 3), Backscatter Error (Retracker 2) Interests a neight and backscatter error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220818T154536_20220818T160826_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20220818T162413_20220818T164834_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter records  There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20220818T165233_20220818T165238_E001  Surface Model Unavailable  No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_2_20220818T165827_20220818T165859_E001  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Usink For (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_20220818T172017_20220818T174748_E001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 2)
CS_OFFL_SIR_LRM_2_20220818T180342_20220818T182938_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_220220818T185518_20220818T192531_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_20220818T194251_20220818T194711_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_220220818T203227_20220818T210533_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_20220818T212339_20220818T213912_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_20220818T215735_20220818T215916_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_20220818T220932_20220818T223945_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_20220818T223955_20220818T224435_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_20220818T230206_20220818T232701_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_20220818T232807_20220818T233451_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_20220818T234819_20220819T000826_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_SAR_2_20220818T003108_20220818T003653_E001	Backscatter Error (Retracker 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_20220818T003702_20220818T003813_E001	Backscatter Error (Retracker 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_20220818T005257_20220818T005738_E001	Backscatter Error (Retracker 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_20220818T011432_20220818T011525_E001	Backscatter Error (Retracker 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_20220818T012631_20220818T013217_E001	Backscatter Error (Retracker 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_20220818T014558_20220818T014903_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220818T020610_20220818T020808_E001	Backscatter Error (Retracker 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_20220818T021024_20220818T021716_E001	Backscatter Error (Retracker 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_20220818T023759_20220818T023859_E001	Backscatter Error (Retracker 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_20220818T023901_20220818T023939_E001	Backscatter Error (Retracker 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_20220818T025319_20220818T025439_E001	Backscatter Error (Retracker 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_20220818T033313_20220818T033434_E001	Backscatter Error (Retracker 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_20220818T034417_20220818T034437_E001	Backscatter Error (Retracker 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_20220818T034854_20220818T035416_E001	Backscatter Error (Retracker 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_20220818T035437_20220818T035536_E001	Backscatter Error (Retracker 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_20220818T040932_20220818T041038_E001	Backscatter Error (Retracker 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_20220818T043132_20220818T043346_E001	Backscatter Error (Retracker 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_20220818T044608_20220818T044811_E001	Backscatter Error (Retracker 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_20220818T052718_20220818T053649_E001	Backscatter Error (Retracker 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_20220818T061118_20220818T061309_E001	Backscatter Error (Retracker 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_20220818T062459_20220818T062725_E001	Backscatter Error (Retracker 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_20220818T070423_20220818T071159_E001	Backscatter Error (Retracker 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_20220818T071235_20220818T071309_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220818T074158_20220818T074636_E001	Backscatter Error (Retracker 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_20220818T075046_20220818T075320_E001	Backscatter Error (Retracker 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_20220818T080351_20220818T080826_E001	Backscatter Error (Retracker 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_20220818T084343_20220818T085021_E001	Backscatter Error (Retracker 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_20220818T085021_20220818T085157_E001	Backscatter Error (Retracker 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_20220818T085529_20220818T085558_E001	Backscatter Error (Retracker 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_20220818T085651_20220818T085849_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220818T090210_20220818T090529_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220818T091722_20220818T091905_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220818T092837_20220818T093250_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220818T094231_20220818T094633_E001	Backscatter Error (Retracker 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_20220818T100743_20220818T101027_E001	Backscatter Error (Retracker 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_20220818T102201_20220818T102921_E001	Backscatter Error (Retracker 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_20220818T102921_20220818T103119_E001	Backscatter Error (Retracker 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_20220818T103350_20220818T104114_E001	Backscatter Error (Retracker 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_20220818T104248_20220818T104353_E001	Backscatter Error (Retracker 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_20220818T110837_20220818T111304_E001	Backscatter Error (Retracker 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_20220818T112347_20220818T112608_E001	Backscatter Error (Retracker 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_20220818T120211_20220818T120318_E001	Backscatter Error (Retracker 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_20220818T120347_20220818T120817_E001	Backscatter Error (Retracker 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_20220818T120817_20220818T120931_E001	Backscatter Error (Retracker 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_20220818T121332_20220818T121349_E001	Backscatter Error (Retracker 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_20220818T123330_20220818T123343_E001	Backscatter Error (Retracker 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_20220818T124629_20220818T125309_E001	Backscatter Error (Retracker 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_20220818T130412_20220818T130509_E001	Backscatter Error (Retracker 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_20220818T132006_20220818T132208_E001	Backscatter Error (Retracker 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_20220818T134141_20220818T134651_E001	Backscatter Error (Retracker 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_20220818T134651_20220818T134821_E001	Backscatter Error (Retracker 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_20220818T142231_20220818T142621_E001	Backscatter Error (Retracker 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_20220818T142700_20220818T142711_E001	Backscatter Error (Retracker 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_20220818T142803_20220818T142810_E001	Backscatter Error (Retracker 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_20220818T144329_20220818T144437_E001	Backscatter Error (Retracker 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_20220818T145834_20220818T150013_E001	Backscatter Error (Retracker 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_20220818T150105_20220818T150409_E001	Backscatter Error (Retracker 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_20220818T152138_20220818T152746_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

COUNT   MILES AND 2   2000/06/17/06/20 2000/06/20 20	CS_OFFL_SIR_SAR_2_20220818T153005_20220818T153049_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
DUIL SHIL SHIL SHILL SHI	CS_OFFL_SIR_SAR_2_20220818T153229_20220818T153242_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
Recording For (Missaum 2)  Recording For (Missau	CS_OFFL_SIR_SAR_220220818T154252_20220818T154414_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
COLORFI, SIR, SAR 2, 2020018719012, 2020018719012, 202018719013, 2020187	CS_OFFL_SIR_SAR_220220818T160826_20220818T161029_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
Soldcoards from pricessors of the processors of	CS OFFL SIR SAR 2 20220818T162236 20220818T162413 E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
Balacoutie Error (Netronor 2)		Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
Secretary (Resource 3)  December for (Petroder 2)  December for (Petroder 2		, ,	
Superconfer Error (Retocker 9)  Superconfer Error (Retocker 9)			
Selection From (Prinches 4)  There is a bedecatite error for Revealed 2 and 3 for one or more records  Advanced From (Prinches 4)  Selection From (Prinches 4)  S		Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
So-Society Enry Revisive 3)  Backscatter Enry Revisive 3)  Backsca	CS_OFFL_SIR_SAR_220220818T174748_20220818T175007_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscattler Error (Petroscus 3)  There is a backscatter error for Retrocker 2 and 3 for one or more records backscattler Error (Petroscus 3)  Sackscattler Error (Petroscus 3)  There is a backscatter error for Retrocker 2 and 3 for one or more records backscattler Error (Petroscus 3)  There is a backscatter error for Retrocker 2 and 3 for one or more records backscattler Error (Petroscus 3)  Backscattler Error (Petroscus 3)  There is a backscatter error for Retrocker 2 and 3 for one or more records backscattler Error (Petroscus 3)  Backscattler Error (Petroscus 3)  There is a backscatter error for Retrocker 2 and 3 for one or more records backscattler Error (Petroscus 3)  Backscattler Error (Petroscus 2)  Backs	CS_OFFL_SIR_SAR_2_20220818T180135_20220818T180342_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retacker 3)  There is a backcatter error for Retacker 2 and 3 for one or more records  CS_OFFL_SIR_SAR_2_202208187101404_202208187109092_E001  Backscatter Error (Retacker 2)  Backscatter Error (Retacker 3)  Backscatter Error (Retacker 2)  Backscatter Error (Retacker	CS_OFFL_SIR_SAR_2_20220818T184134_20220818T184800_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retrocker 3)  CS_OFFL_SR_SAR_2_20220818T19471_20220818T196322_E001  Backscatter Error (Retrocker 3)  Backscatter Error (Retrocker 3)  CS_OFFL_SR_SAR_2_20220818T194711_20220818T196002_E001  Backscatter Error (Retrocker 3)  Backscatter Error (Retrocker 3)  Backscatter Error (Retrocker 3)  CS_OFFL_SR_SAR_2_20220818T20102_20220818T201100_E001  Backscatter Error (Retrocker 3)  Backscatter Error (Retrocker 2)  Ba	CS_OFFL_SIR_SAR_2_20220818T192531_20220818T192954_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3	CS_OFFL_SIR_SAR_2_20220818T194047_20220818T194251_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backcaster Error (Retracker 2).	CS_OFFL_SIR_SAR_2_20220818T194711_20220818T195222_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Fetracker 2). Backscatter Error (Fetracker 3). Backscatter Error (Fetracker 2). Backscatter Error (Fetracker 3).	CS_OFFL_SIR_SAR_2_20220818T200729_20220818T200902_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_2_20220818T201028_20220818T201100_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_2_20220818T201446_20220818T201533_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2). Backscatter Error (Retracker 3).	CS_OFFL_SIR_SAR_2_20220818T201656_20220818T201725_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3),	CS_OFFL_SIR_SAR_2_20220818T202108_20220818T202856_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3	CS_OFFL_SIR_SAR_2_20220818T210533_20220818T210933_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  CS_OFFL_SIR_SAR_2_20220818T220107_20220818T220932_E001  Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  CS_OFFL_SIR_SAR_2_20220818T224435_20220818T224650_E001  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 3)	CS_OFFL_SIR_SAR_2_20220818T211921_20220818T212339_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2). Backscatter Error (Retracker 2). Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 3)	CS_OFFL_SIR_SAR_2_20220818T214822_20220818T214948_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_2_20220818T215154_20220818T215244_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T224435_20220818T230206_E001  Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter Error (Retracker 3)  Backscatter Error for Retracker 2 and 3 for one or more records  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error for Retracker 2 and 3 for one or more records  Backsca	CS_OFFL_SIR_SAR_2_20220818T215244_20220818T215735_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T225820_20220818T230206_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T232701_20220818T232807_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T232701_20220818T232807_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T233604_20220818T233615_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T234043_20220818T234819_E001  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  CS_OFFL_SIR_SIN_2_20220818T002556_20220818T002658_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retr	CS_OFFL_SIR_SAR_2_20220818T215916_20220818T220030_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T232006_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T232701_20220818T232807_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T233604_20220818T233615_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T233604_20220818T233615_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220818T234043_20220818T234819_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SIN_2_20220818T002556_20220818T002658_E001  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X-track Angle Error  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 2), Bac	CS_OFFL_SIR_SAR_2_20220818T220107_20220818T220932_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  CS_OFFL_SIR_SAR_2_20220818T233604_20220818T233615_E001  Backscatter Error (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_20220818T002556_20220818T002658_E001  Backscatter Error (Retracker 3), SARIN X-  track Angle Error  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_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  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220818T224435_20220818T224650_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SIN_2_20220818T002556_20220818T002658_E001  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X-track Angle Error  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 3), SARIN X-track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X-track Angle Error  Backscatter Error (Retracker 2), Backsc	CS_OFFL_SIR_SAR_220220818T225820_20220818T230206_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220818T234043_20220818T234819_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X- track Angle Error  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 3), SARIN X- track Angle Error  Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X- track Angle Error  Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220818T232701_20220818T232807_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_2_20220818T233604_20220818T233615_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220818T002556_20220818T002658_E001  Backscatter Error (Retracker 3), SARIn X track Angle Error  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  CS_OFFL_SIR_SIN_2_20220818T003653_20220818T003701_E001  Backscatter Error (Retracker 2), SARIn X track Angle Error  Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  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_SAR_2_20220818T234043_20220818T234819_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error  CS_OFFL_SIR_SIN_2_20220818T003006_20220818T003108_E001  Backscatter Error (Retracker 3), SARIn X- track Angle Error  Backscatter Error (Retracker 3), SARIn X- track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SIN_220220818T002556_20220818T002658_E001	Backscatter Error (Retracker 3), SARIn X-	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_20220818T003653_20220818T003701_F001 Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SIN_220220818T003006_20220818T003108_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	
	CS_OFFL_SIR_SIN_220220818T003653_20220818T003701_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records

	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_220220818T011525_20220818T011703_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220818T012425_20220818T012630_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220818T020446_20220818T020610_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_20220818T020808_20220818T021023_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_220220818T022507_20220818T022657_E001	Backscatter Error (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_220220818T022657_20220818T022739_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_220220818T025439_20220818T025626_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_220220818T030202_20220818T030206_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220818T030308_20220818T031003_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_220220818T031129_20220818T031416_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_220220818T032331_20220818T032658_E001	Backscatter Error (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_220220818T033150_20220818T033312_E001	Backscatter Error (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_220220818T034359_20220818T034416_E001	Backscatter Error (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_220220818T034437_20220818T034854_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_220220818T035416_20220818T035437_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_220220818T040502_20220818T040903_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_220220818T043346_20220818T043702_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_20220818T044045_20220818T044052_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220818T044401_20220818T044607_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_220220818T052043_20220818T052717_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_220220818T054401_20220818T054457_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_220220818T061309_20220818T061444_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_220220818T062346_20220818T062458_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_220220818T070016_20220818T070423_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_20220818T071159_20220818T071234_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_220220818T075321_20220818T075445_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_220220818T080036_20220818T080042_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220818T080238_20220818T080350_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_220220818T084004_20220818T084057_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_220220818T084127_20220818T084335_E001	Backscatter Error (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_220220818T085414_20220818T085458_E001	Backscatter Error (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_220220818T085558_20220818T085651_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_220220818T093250_20220818T093416_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records
CS_0FFL_SIR_SIN_220220818T093929_20220818T094230_E001	Backscatter Error (Retracker 3), SARIn X-track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220818T111304_20220818T111607_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_220220818T111831_20220818T112347_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_220220818T120318_20220818T120347_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_220220818T120931_20220818T121332_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_220220818T125309_20220818T125544_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_220220818T125740_20220818T125927_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220818T130244_20220818T130411_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_220220818T133200_20220818T133515_E001	Backscatter Error (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_220220818T134821_20220818T134936_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_20220818T135132_20220818T135410_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_220220818T142621_20220818T142700_E001	Backscatter Error (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_20220818T142810_20220818T143413_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_220220818T143702_20220818T143715_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220818T144146_20220818T144328_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_220220818T152746_20220818T153005_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_220220818T153049_20220818T153228_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_220220818T153242_20220818T153319_E001	Backscatter Error (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_220220818T153540_20220818T153702_E001	Backscatter Error (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_220220818T154414_20220818T154536_E001	Backscatter Error (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_220220818T161029_20220818T161215_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_220220818T162050_20220818T162235_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_220220818T164834_20220818T165057_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_220220818T165117_20220818T165233_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_220220818T170131_20220818T170148_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_220220818T170246_20220818T170308_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_220220818T170718_20220818T171200_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_220220818T175007_20220818T175143_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_220220818T175311_20220818T175430_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220818T175849_20220818T180135_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_220220818T184800_20220818T185518_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_220220818T192954_20220818T193343_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_20220818T193929_20220818T194046_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_20220818T200903_20220818T201028_E001	Backscatter Error (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_220220818T201533_20220818T201656_E001	Backscatter Error (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_220220818T201748_20220818T201832_E001	Backscatter Error (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_20220818T202019_20220818T202108_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_220220818T202856_20220818T203013_E001	Backscatter Error (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_220220818T203055_20220818T203227_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_220220818T210933_20220818T211248_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_20220818T211801_20220818T211921_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_20220818T213912_20220818T214135_E001	Backscatter Error (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_20220818T220030_20220818T220107_E001	Backscatter Error (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_20220818T223945_20220818T223955_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_220220818T224650_20220818T225100_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_20220818T225710_20220818T225820_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_220220818T233615_20220818T233839_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_220220818T233922_20220818T234042_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