

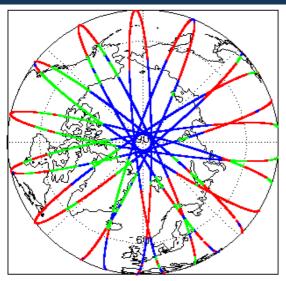
1. Overview

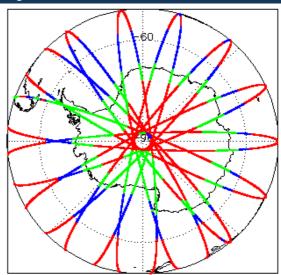
Report Production Date:	05-Oct-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

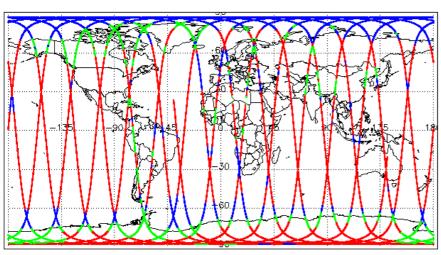
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

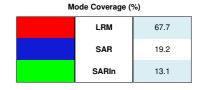
Mission / Instru	iment News
01-Sep-2022	None
02-Sep-2022	None
03-Sep-2022	Nothing planned

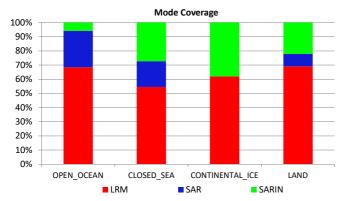
2. Global Coverage

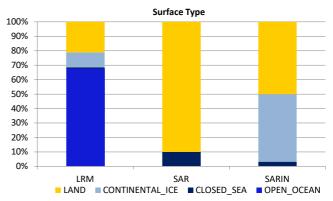












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

(

4.2 L1B Product Header Analysis

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

Number of products with errors:

0

4.3 Star Tracker Usage Check

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

Number of products with errors:

0

4.4 L1B Tracking Flags Check

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

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

umber of products with errors:

91

CS_CFFL_SR_LPA_18_0202000170017001700170017001700170017001	Product	Test Failed	Description
CS_OFF_SIN_LIM_18_20229902710421_202299027101302_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027101349_202299027101440_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027101349_202299027101440_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027101440_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027101440_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027101440_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_2022990271021440_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_2022990271021440_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027102294_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027102294_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027102294_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027102294_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027102294_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027102294_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027102940_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027104194_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027104194_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027104194_E001 Loss of exhat The tracking exhat is missing for one or more records CS_OFF_SIN_LIM_18_202299027104194_E	CS_OFFL_SIR_LRM_1B_20220901T235836_20220902T001045_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LRM_18_2020992701442_202099270140_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209927020442_2020992070140_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209927020442_20209920701443_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209927020442_20209920701443_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209927021452_20209920702143_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209927021452_202099207021469_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209927021452_20209920702454_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209927020452_20209920702346_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209927020452_20209920702340_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209927020452_20209920702340_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_202099207020452_20209920702340_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_202099207020452_20209920702340_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_202099207020452_20209920702340_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_202099207020442_202099207020400_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209920700444_202099207030400_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209920700444_202099207030400_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_20209920700444_202099207004400_E001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_202099207004440_20	CS_OFFL_SIR_LRM_1B_20220902T002910_20220902T004207_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_202209207012445_20220920701440_E001 CS_OFFL_SIR_LRM_18_20220920701449_20220920701440_E001 CS_OFFL_SIR_LRM_18_20220920701442_202209207014449_E001 CS_OFFL_SIR_LRM_18_202209207014442_202209207014449_E001 CS_OFFL_SIR_LRM_18_202209207014442_202209207014449_E001 CS_OFFL_SIR_LRM_18_202209207014442_20220920701449_E001 CS_OFFL_SIR_LRM_18_202209207014442_20220920701449_E001 CS_OFFL_SIR_LRM_18_202209207014442_20220920701449_E001 CS_OFFL_SIR_LRM_18_202209207012439_202209207012439_E001 CS_OFFL_SIR_LRM_18_2022092070122390_2022092070122396_E001 CS_OFFL_SIR_LRM_18_2022092070122349_2022092070122396_E001 CS_OFFL_SIR_LRM_18_2022092070122349_2022092070223017_E001 CS_OFFL_SIR_LRM_18_2022092070122349_2022092070223017_E001 CS_OFFL_SIR_LRM_18_2022092070122349_2022092070223017_E001 CS_OFFL_SIR_LRM_18_2022092070122349_2022092070223017_E001 CS_OFFL_SIR_LRM_18_2022092070122349_2022092070223017_E001 CS_OFFL_SIR_LRM_18_2022092070122349_2022092070223017_E001 CS_OFFL_SIR_LRM_18_2022092070122349_2022092070220317_E001 CS_OFFL_SIR_LRM_18_2022092070122349_2022092070220317_E001 CS_OFFL_SIR_LRM_18_2022092070122359_E001 CS_OFFL_SIR_LRM_18_2022092070125654_20220920703099_E001 CS_OFFL_SIR_LRM_18_202209207026564_20220920703099_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703099_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703099_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703099_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703039_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703039_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703039_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703039_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703039_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703039_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703039_E001 CS_OFFL_SIR_LRM_18_20220920703031_20220920703039_E001 CS_OFFL_SIR_LRM_18_2022092070303031_202209207030303_E001 CS_OFFL_SIR_LRM_18_2022092070303031_202209207030303_E001 CS_OFFL_SIR_LRM_18_2022092070303031_202209207030303_E001 CS_OFFL_SIR_LRM_	CS_OFFL_SIR_LRM_1B_20220902T004421_20220902T010202_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_202020007102014_0222000071021445_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020000071021447_2022000071021445_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020000071021447_2022000071021449_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020000071021447_2022000071021449_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020000071022447_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020000071022447_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202000007102249_2002000071022447_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202000007102239_20200007102247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202000007102239_20200007102393_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202000007102329_20200007102393_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202000007102329_20200007102393_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020000071023292_202000000007102393_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020000071023292_202000000000000000000000000000000	CS_OFFL_SIR_LRM_1B_20220902T011402_20220902T012017_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_2020002T020914_20220002T021443_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020002T021442_20220002T021449_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020002T021442_20220002T022446_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200002T022330_2020002T022346_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200002T022330_2020002T022346_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200002T022330_2020002T022346_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200002T022331_2020020000_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200002T022331_2020002T022331_20001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200002T022331_2020002T022331_20001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200002T02331_2020002T02333_2000000000000000000000000	CS_OFFL_SIR_LRM_1B_20220902T012343_20220902T013410_E001	Loss of echo	The tracking echo is missing for one or more records
CS GFFL_SIR_LRM_18_20220002T021442_2022002T021449_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T021447_2022002T021449_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T022349_20220002T022349_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T022349_20220002T022349_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T022349_20220002T022347_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T022349_20220002T02347_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T02339_2022002T02339_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T02339_2022002T023393_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T02339_2022002T023393_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T023392_2022002T030393_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T030344_20220022T030399_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T03439_2022002T030399_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T03439_2022002T030399_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T04439_20220020T044408_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T04449_2022002002T044408_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T04439_20220020T04399_E001 Loss of echo The tracking echo is missing for one or more records CS_GFFL_SIR_LRM_18_20220002T04439_20220020T04399_E001 Loss of echo The trackin	CS_OFFL_SIR_LRM_1B_20220902T013549_20220902T014940_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LEM_IB_20220902T021447_20220902T011909_E001	CS_OFFL_SIR_LRM_1B_20220902T020914_20220902T021143_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LEM_18_202299027102435_20229927102345_E001 Loss of exha	CS_OFFL_SIR_LRM_1B_20220902T021442_20220902T021443_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LFIM. 18 20220902T022349 20220902T02244 E001 CS OFFL SIR LFIM. 18 20220902T022349 20220902T02247 E001 CS OFFL SIR LFIM. 18 20220902T022349 20220902T02230 TO Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LFIM. 18 20220902T02233 20220902T023317 E001 CS OFFL SIR LFIM. 18 20220902T022331 20220902T02353 E001 CS OFFL SIR LFIM. 18 20220902T02331 20220902T02353 E001 CS OFFL SIR LFIM. 18 20220902T02332 20220902T02353 E001 CS OFFL SIR LFIM. 18 20220902T02332 20220902T02353 E001 CS OFFL SIR LFIM. 18 20220902T02554 20220902T025552 E001 CS OFFL SIR LFIM. 18 20220902T02554 20220902T025552 E001 CS OFFL SIR LFIM. 18 20220902T03030 2029 E001 CS OFFL SIR LFIM. 18 20220902T03030 2029 E001 CS OFFL SIR LFIM. 18 20220902T030439 20220902T03009 E001 CS OFFL SIR LFIM. 18 20220902T03044 20220902T03090 E001 CS OFFL SIR LFIM. 18 20220902T03449 20220902T041359 E001 CS OFFL SIR LFIM. 18 20220902T044402 20220902T041359 E001 CS OFFL SIR LFIM. 18 20220902T04402 20220902T041359 E001 CS OFFL SIR LFIM. 18 20220902T04410 20220902T04359 E001 CS OFFL SIR LFIM. 18 20220902T04450 20220902T04393 E001 CS OFFL SIR LFIM. 18 20220902T0450 20220902T051346 E001 CS OFFL SIR LFIM. 18 20220902T0450 20220902T051346 E001 CS OFFL SIR LFIM. 18 20220902T06150 20220902T051346 E001 CS OFFL SIR LFIM. 18 20220902T06150 20220902T06150 E001 CS OFFL SIR LFIM. 18 20220902T0610 E002 20220902T06150 E001 CS OFFL SIR LFIM. 18 20220902T0610 E002 20220902T06150 E001 CS OFFL SIR LFIM. 18 20220902T0610 E002 20220	CS_OFFL_SIR_LRM_1B_20220902T021447_20220902T021449_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220902T022349_20220902T022317_ED01	CS_OFFL_SIR_LRM_1B_20220902T021453_20220902T021809_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220002T022527_20220902T022500_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T022532_20220902T023533_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T025532_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T035542_20220002T035032_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T035032_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T030031_20220902T030039_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T0304402_20220902T030090_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T0304439_20220902T041359_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T041402_20220902T041408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T041402_20220902T041408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T041917_20220902T041901_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T041901_20220902T043938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T043501_20220902T043938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T061631_20220902T061908_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T061848_20220902T061908_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T061848_20220902T061939_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220002T061848_20220902T061899_E001 Loss of echo The tracking echo is missing for one or more records CS	CS_OFFL_SIR_LRM_1B_20220902T022330_20220902T022346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022092702332_20229927025832_201 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022092702532_20229927025852_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022092702532_20229927039029_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027030432_2020902703029_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027030432_2020902703122_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027030444_20220902703090_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902703444_20220902703490_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902703444_2022090270341408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027041402_20209027041408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027041402_20209027041408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902704197_20209027041755_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902704350_20220902704393_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027061821_202209027050737_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027061848_202209027061835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027061848_202209027061835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027061848_202209027061835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202209027061848_202209027061835_E001 Loss of echo The tracking echo is missing for one or more rec	CS_OFFL_SIR_LRM_1B_20220902T022349_20220902T022447_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220902T025331_20220902T025852_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T0300331_20220902T030122_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T0300331_20220902T030122_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T0300331_20220902T030809_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T034439_20220902T041359_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T04439_20220902T041359_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T041402_20220902T041359_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T041402_20220902T041359_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T0419197_20220902T042001_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T04350_20220902T05403938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T04350_20220902T050737_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T061122_20220902T061805_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T061102_20220902T061805_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T061931_20220902T06199_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T061931_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T0619331_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T0610408_E0020902T06195864_E001 Loss of echo The tracking echo i	CS_OFFL_SIR_LRM_1B_20220902T022527_20220902T022800_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220902T025232_20220902T030029_E001	CS_OFFL_SIR_LRM_1B_20220902T022923_20220902T023317_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T030031_20220902T030039_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T030031_20220902T030039_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T034449_20220902T041405_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T041402_20220902T041408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T041402_20220902T041408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T041410_20220902T041505_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T041917_20220902T043938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T043501_20220902T043938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T045502_00220902T051972_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T051622_00220902T05194_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061122_00220902T061900_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061908_20220902T061900_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061999_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061999_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062002_0022002T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062003_002007062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T064048_0020902T0768184_E001 Loss of echo The tracking echo is missing f	CS_OFFL_SIR_LRM_1B_20220902T023319_20220902T023633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T030044_20220902T030090_E001	CS_OFFL_SIR_LRM_1B_20220902T025232_20220902T025852_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T04444_20220902T041359_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T041402_20220902T041359_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T041402_20220902T041755_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T041917_20220902T042001_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T043501_20220902T042001_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T043501_20220902T043938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T04350_20220902T050737_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T051621_20220902T051946_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061032_20220902T061635_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061032_20220902T061805_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061808_2020902T061929_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061939_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T07548_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_	CS_OFFL_SIR_LRM_1B_20220902T025854_20220902T030029_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220902T041402_20220902T041408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T041410_20220902T041755_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T041917_20220902T040901_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T043501_20220902T043938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T043501_20220902T0409338_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T044502_0220902T050737_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T051946_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T061635_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T06103_00220902T061635_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T06194_20220902T061800_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T06194_20220902T06199_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T062002_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T062002_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T062002_2020902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T06504_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T05404_20220902T057548_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T05804_20220902T057586_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_	CS_OFFL_SIR_LRM_1B_20220902T030031_20220902T030123_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220902T041402_20220902T041755_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T041917_20220902T042001_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T043931_20220902T043938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T043930_20220902T051737_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T051621_20220902T051946_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T05192_20220902T051946_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T061122_20220902T061835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T061804_20220902T061902_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T061848_20220902T061992_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T061931_20220902T061995_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T062008_20220902T062016_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T06208_20220902T062016_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T06208_20220902T065186_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T064086_20220902T076518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T064086_20220902T07548_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220902T075412_20220902T075886_E001 Loss of e	CS_OFFL_SIR_LRM_1B_20220902T030444_20220902T030809_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T041410_20220902T04201_E001 CS_OFFL_SIR_LRM_1B_20220902T043501_20220902T043938_E001 CS_OFFL_SIR_LRM_1B_20220902T043501_20220902T043938_E001 CS_OFFL_SIR_LRM_1B_20220902T04350_20220902T050737_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T051921_20220902T050737_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T051921_20220902T051946_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T06121_20220902T06135_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061708_20220902T06135_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061708_20220902T06180_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061848_20220902T061929_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061939_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062016_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_2020902T06206406_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065954_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075947_20220902T075886_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075886_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075886_E001 Loss of echo The tracking echo is missing for one or more records The t	CS_OFFL_SIR_LRM_1B_20220902T034439_20220902T041359_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220902T041917_20220902T043938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T043501_20220902T050737_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T051621_20220902T051946_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T061122_20220902T061635_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T061122_20220902T061800_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T061848_20220902T061929_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T061931_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T061931_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T062002_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T062008_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T0620436_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T075047_20220902T075488_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T075413_20220902T075488_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T075806_20220902T075886_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T081052_2020902T088051_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220902T081052_2020902T081612_E001 Loss of echo The tracking echo is missi	CS_OFFL_SIR_LRM_1B_20220902T041402_20220902T041408_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T043501_20220902T05737_E001 CS_OFFL_SIR_LRM_1B_20220902T051621_20220902T05737_E001 CS_OFFL_SIR_LRM_1B_20220902T051621_20220902T051946_E001 CS_OFFL_SIR_LRM_1B_20220902T051621_20220902T051946_E001 CS_OFFL_SIR_LRM_1B_20220902T061122_20220902T061635_E001 CS_OFFL_SIR_LRM_1B_20220902T061708_20220902T061800_E001 CS_OFFL_SIR_LRM_1B_20220902T061848_20220902T061929_E001 CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061929_E001 CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061929_E001 CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T061959_E001 CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062006_E001 CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062006_E001 CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062127_E001 CS_OFFL_SIR_LRM_1B_20220902T062013_20220902T064036_E001 CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075748_E001 CS_OFFL_SIR_LRM_1B_20220902T07504025_20220902T075936_E001 CS_OFFL_SIR_LRM_1B_20220902T075080425_20220902T05936_E001 CS_OFFL_SIR_LRM_1B_20220902T075080425_20220902T069921_E001 CS_OFFL_SIR_LRM_1B_20220902T075080425_20220902T069921_E001 CS_OFFL_SIR_LRM_1B_20220902T075080425_20220902T069921_E001 CS_OFFL_SIR_LRM_1B_20220902T075080425_20220902T0691612_E001 CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T0681612_E001 CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_E001 CS_OFFL_SIR_LRM_1B_20220902T081614_	CS_OFFL_SIR_LRM_1B_20220902T041410_20220902T041755_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T051621_20220902T051946_E001 CS_OFFL_SIR_LRM_1B_20220902T061021_20220902T061635_E001 CS_OFFL_SIR_LRM_1B_20220902T061122_20220902T061635_E001 CS_OFFL_SIR_LRM_1B_20220902T061708_20220902T061800_E001 CS_OFFL_SIR_LRM_1B_20220902T061708_20220902T061800_E001 CS_OFFL_SIR_LRM_1B_20220902T0619848_20220902T061929_E001 CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061959_E001 CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061959_E001 CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062006_E001 CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062006_E001 CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062016_E001 CS_OFFL_SIR_LRM_1B_20220902T062088_20220902T062127_E001 CS_OFFL_SIR_LRM_1B_20220902T06208_20220902T064036_E001 CS_OFFL_SIR_LRM_1B_20220902T06208_20220902T065854_E001 CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075748_E001 CS_OFFL_SIR_LRM_1B_20220902T075006_20220902T075748_E001 CS_OFFL_SIR_LRM_1B_20220902T075006_20220902T075936_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for on	CS_OFFL_SIR_LRM_1B_20220902T041917_20220902T042001_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T06122_20220902T06135_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061708_20220902T061800_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061708_20220902T061929_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061848_20220902T061929_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T06203_20220902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T06208_20220902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075788_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_2020902T080921_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing fo	CS_OFFL_SIR_LRM_1B_20220902T043501_20220902T043938_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T061122_20220902T061800_E001 CS_OFFL_SIR_LRM_1B_20220902T061848_20220902T061929_E001 CS_OFFL_SIR_LRM_1B_20220902T061848_20220902T061929_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062038_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062131_20220902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T06584_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T07548_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records Th	CS_OFFL_SIR_LRM_1B_20220902T044350_20220902T050737_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T061708_20220902T061800_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061848_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T0620131_20220902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T075748_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_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_20220902T081052_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220902T051621_20220902T051946_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T061848_20220902T061959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062131_20220902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T075748_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_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_20220902T081614_20220902T081621_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220902T061122_20220902T061635_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062006_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062131_20220902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T075748_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_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_20220902T061708_20220902T061800_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T062002_20220902T062106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T06203_20220902T062127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T062131_20220902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T075748_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_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_20220902T081614_20220902T081621_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220902T061848_20220902T061929_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T06208_20220902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T075748_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_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_20220902T081614_20220902T081621_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_20220902T081614_20220902T081621_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220902T061931_20220902T061959_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T062131_20220902T064036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T075748_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_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_20220902T062002_20220902T062006_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T065048_20220902T065854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T075748_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220902T062008_20220902T062127_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T075748_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_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_20220902T062131_20220902T064036_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T075413_20220902T075748_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T0806_20220902T085836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_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_20220902T065048_20220902T065854_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220902T075047_20220902T075138_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_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_20220902T075413_20220902T075748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_E001 Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220902T075806_20220902T075836_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220902T080425_20220902T080921_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220902T081052_20220902T081612_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T081625_20220902T081635_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220902T081614_20220902T081621_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220902T081625_20220902T081635_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20220902T090639_20220902T091812_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T093550 20220902T093638 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T093729_20220902T093903_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T093941 20220902T094434 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T102210 20220902T104759 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T104939_20220902T105825_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T120621_20220902T121714_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T121717 20220902T122752 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T123135 20220902T123735 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T125112 20220902T130634 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T130910 20220902T131210 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T133039_20220902T133309_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T134048 20220902T135443 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T135623_20220902T140200_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T140331_20220902T140641_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T140644_20220902T141048_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T141050 20220902T141109 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T141111 20220902T141115 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T141117_20220902T141134_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T141205 20220902T141757 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T142945 20220902T143151 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T143313_20220902T143619_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220902T143635 20220902T144024 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T144147_20220902T150424_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T152029_20220902T154313_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T154925_20220902T155258_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T161024_20220902T164404_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T170001_20220902T172606_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T172608_20220902T172620_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T172623_20220902T173145_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T173145_20220902T173544_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T183906_20220902T185554_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T185559_20220902T190251_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T190300_20220902T190342_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T190520_20220902T190631_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T190809_20220902T190910_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T191004_20220902T191129_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T191336_20220902T191421_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T203102_20220902T203245_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T203303_20220902T204007_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T204151_20220902T204433_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T204721_20220902T204822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T210431_20220902T211706_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T211952_20220902T214057_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T221013_20220902T221730_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T221826_20220902T222232_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T224454_20220902T225323_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T225414_20220902T232000_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T232823_20220902T233057_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220902T233905_20220902T235134_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors: 0

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

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

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

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

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

Number of products with errors:

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

0

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:

0

5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag for each measurement record. The bit value of this flag indicates any problems when set.

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_SAR_2_20220902T001045_20220902T001132_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_20220902T001830_20220902T001836_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_220220902T001843_20220902T001849_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_20220902T002241_20220902T002910_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_20220902T004207_20220902T004421_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_220220902T010203_20220902T010421_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_220220902T013410_20220902T013549_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_220220902T014940_20220902T015051_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_220220902T015742_20220902T015748_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_220220902T020613_20220902T020630_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_220220902T020712_20220902T020724_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_220220902T020808_20220902T020914_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_220220902T022447_20220902T022526_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_220220902T030809_20220902T030811_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_220220902T031023_20220902T031041_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_220220902T032817_20220902T032956_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_220220902T034212_20220902T034439_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_220220902T050737_20220902T050934_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_220220902T052105_20220902T052329_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_220220902T061800_20220902T061847_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_220220902T064037_20220902T064237_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_220220902T064656_20220902T064924_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_220220902T070006_20220902T070412_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_220220902T073744_20220902T073833_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_220220902T075138_20220902T075208_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_220220902T075331_20220902T075413_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_20220902T080039_20220902T080112_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

	L	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220902T081636_20220902T081934_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220902T082444_20220902T082900_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_220220902T083849_20220902T084248_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_20220902T090354_20220902T090639_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 20220902T092534 20220902T092716 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220902T093214_20220902T093550_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_20220902T093638_20220902T093729_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220902T093903_20220902T093941_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_20220902T095248_20220902T095435_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_220220902T100441_20220902T100845_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_20220902T101824_20220902T101917_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 20220902T101921 20220902T102210 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220902T104800 20220902T104939 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_20220902T110636_20220902T110653_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_220220902T110829_20220902T110859_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220902T110919_20220902T111002_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_220220902T111753_20220902T111806_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_20220902T114222_20220902T114923_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 20220902T120017 20220902T120124 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220902T120529_20220902T120621_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_20220902T122752_20220902T122935_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_220220902T130635_20220902T130910_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220902T131516_20220902T131535_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_220220902T132344_20220902T132501_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_20220902T133939_20220902T134048_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_220220902T135443_20220902T135622_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220902T140201 20220902T140331 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220902T141134_20220902T141153_E001	·	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220902T141155_20220902T141205_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220902T142613_20220902T142715_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_20220902T143619_20220902T143635_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_220220902T150424_20220902T150647_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_220220902T151918_20220902T152029_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 20220902T154314 20220902T154348 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220902T164405 20220902T164624 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_220220902T165732_20220902T170001_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_20220902T175500_20220902T175618_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220902T182208_20220902T182602_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_20220902T183710_20220902T183906_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_220220902T190342_20220902T190520_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_220220902T190632_20220902T190809_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_20220902T191129_20220902T191143_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220902T191306_20220902T191336_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_20220902T192642_20220902T192700_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220902T200143_20220902T200548_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_20220902T201528_20220902T202100_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_220220902T202424_20220902T202838_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_20220902T202841_20220902T203027_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_20220902T203029_20220902T203102_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220902T204434 20220902T204628 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

CS_OFFL_SIR_SAR_2_20220902T204851_20220902T205130_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_20220902T205551_20220902T210430_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_220220902T211706_20220902T211952_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_20220902T214057_20220902T214316_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_220220902T214904_20220902T214911_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_20220902T215441_20220902T215825_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_220220902T220826_20220902T221013_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_20220902T222232_20220902T222956_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_220220902T223211_20220902T223246_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_20220902T225323_20220902T225414_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_220220902T232000_20220902T232114_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_20220902T232803_20220902T232809_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_220220902T232816_20220902T232822_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_220220902T233244_20220902T233905_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_220220902T235135_20220902T235157_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_20220902T002047_20220902T002241_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220902T015921_20220902T020613_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220902T083543_20220902T083849_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220902T101444_20220902T101823_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220902T114923_20220902T115157_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220902T132501_20220902T133039_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220902T182603_20220902T182955_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220902T200548_20220902T200902_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220902T214316_20220902T214737_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: 243

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220901T235836_20220902T001045_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_220220902T002910_20220902T004207_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_220220902T004421_20220902T010202_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220902T011402_20220902T012017_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220902T012343_20220902T013410_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_220220902T013549_20220902T014940_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_220220902T021453_20220902T021809_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_220220902T022527_20220902T022800_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_220220902T022923_20220902T023317_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_220220902T023755_20220902T024006_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_220220902T025232_20220902T025852_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_LRM_2_20220902T030444_20220902T030809_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_220220902T030812_20220902T031023_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_220220902T031042_20220902T032817_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_220220902T034439_20220902T041359_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_220220902T043236_20220902T043339_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_20220902T044350_20220902T050737_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_220220902T052330_20220902T055527_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_20220902T061122_20220902T061635_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_220220902T062131_20220902T064036_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_220220902T070412_20220902T073614_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_220220902T081934_20220902T082444_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_220220902T084248_20220902T090353_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220902T090639_20220902T091812_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_220220902T092727_20220902T093213_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_220220902T094747_20220902T095247_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_220220902T102210_20220902T104759_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_220220902T104939_20220902T105825_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_220220902T111101_20220902T111752_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_20220902T111806_20220902T114222_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_220220902T120621_20220902T121714_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_220220902T121717_20220902T122752_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_220220902T125112_20220902T130634_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_220220902T131535_20220902T132343_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_20220902T134048_20220902T135443_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_20220902T135623_20220902T140200_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_220220902T142945_20220902T143151_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_220220902T143313_20220902T143619_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_20220902T143635_20220902T144024_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_220220902T144147_20220902T150424_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_220220902T152029_20220902T154313_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_220220902T155437_20220902T155533_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_220220902T161024_20220902T164404_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_20220902T170001_20220902T172606_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

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CS_CFFL_SIR_LEM_2_02200007214052_20200007224057_E001 Floring florestance 3], Baskscattler Error (Florestance 2), Services motion (arror florestance 2) and a segretary of the season of	CS_OFFL_SIR_LRM_220220902T205131_20220902T205551_E001		
Error (Retaculor 2) SOFFL_SIN_LIM_2_20229902722193_202299027221730_E001 Fine (Retaculor 2) Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle error for Retaculor 2 for one or more records Fine is a height and backscattle	CS_OFFL_SIR_LRM_220220902T210431_20220902T211706_E001	(Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one
Error (Petrader 2) SO OFFL SIR LRM 2 202209021221806 202209021222322 E001 SO OFFL SIR LRM 2 202209021221806 20220902122232 E001 SO OFFL SIR LRM 2 202209021223015 20220902122332 E001 SO OFFL SIR LRM 2 20220902124444 20220902122333 E001 SO OFFL SIR LRM 2 20220902124444 20220902122333 E001 SO OFFL SIR LRM 2 20220902124444 20220902123332 E001 SO OFFL SIR LRM 2 202209021234464 20220902123332 E001 SO OFFL SIR LRM 2 202209021234464 20220902123332 E001 SO OFFL SIR LRM 2 202209021234464 20220902123332 E001 SO OFFL SIR LRM 2 20220902123446 20220902134 E001 SO OFFL SIR LRM 2 2022090212334 E001 SO OFFL SIR LRM 2 2022090212341 202209021234 E001 SO OFFL SIR LRM 2 202209021234 E001 SO OFFL SIR LRM 2 202209021234 E001 SO OFFL SIR LRM 2 20220902120424 20220902100132 E001 SO OFFL SIR LRM 2 2022090210045 20220902100132 E001 SO OFFL SIR SAR 2 2022090210045 20220902100143 E001 SO OFFL SIR SAR 2 20220902100203 20220902100142 E001 Sobscattler Error (Retrader 2) There is a backscattler error for Retracker 2 and 3 for one or more records SO OFFL SIR SAR 2 20220902100203 20220902100142 E001 Sobscattler Error (Retrader 2) There is a backscattler error for Retracker 2 and 3 for one or more records Sobscattler Error (Retrader 2) There is a backscattler error for Retracker 2 and 3 for one or more records Sobscattler Error (Retrader 2) There is a backscattler error for Retracker 2 and 3 for one or more records Sobscattler Error (Retracker 2) There is a backscattler error for Retracker 2 and 3 for one or more records Sobscattler Error (Retracker 2) There is a backscattler error for Retracker 2 and 3 for one or more records Sobscattler Error (Retracker 2) There is a backscattler error for Retracker 2 and 3 for one or more record	CS_OFFL_SIR_LRM_220220902T211952_20220902T214057_E001		
GS_OFFL_SIR_LRM_2_20220902T22319_0220902T22310_E001 Flerinader 2] Flerinader 3] Flerinader 3]	CS_OFFL_SIR_LRM_220220902T221013_20220902T221730_E001		
records CS_OFFL_SIR_LRM_2_20220902T224454_20220902T225323_E001 Register for (Retracker 2), Backscatter from Flore (Retracker 2), Backscatter from Flore (Retracker 2), Backscatter from Flore (Retracker 3), Backscatter from Flore (Retracker 2), Backscatter fro	CS_OFFL_SIR_LRM_220220902T221826_20220902T222232_E001	(Retracker 3), Backscatter Error	
GS_OFFL_SIR_LEM_2_20220902T22444_20220902T23300_E001 GRetracker 3_ backscatter Error (Retracker 2_) and no DEM or Slope Model was used for the location of one (Retracker 2_) and a height error (Retracker 2_) a	CS_OFFL_SIR_LRM_220220902T223013_20220902T223110_E001		
GS_OFFL_SIR_LRM_2_20220902T235195_20220902T235134_E001 Releascher 2) Releascher 2) Releascher 2) Releascher 2) Releascher 3) Releascher 2) Releascher	CS_OFFL_SIR_LRM_220220902T224454_20220902T225323_E001	(Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220902T001045_20220902T001132_E001	CS_OFFL_SIR_LRM_220220902T225414_20220902T232000_E001	(Retracker 3), Backscatter Error	
Error (Retracker 2) records CS_OFFL_SIR_SAR_2_20220902T001045_20220902T001132_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatt	CS_OFFL_SIR_LRM_220220902T233905_20220902T235134_E001		
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Backscatter Error (Retracker 3) Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_220220902T002241_20220902T002910_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) CS_OFFL_SIR_SAR_2_20220902T010752_20220902T011402_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220902T013410_20220902T011402_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_SAR_2_20220902T013410_20220902T013549_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220902T014940_20220902T015051_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_SAR_2_20220902T020613_20220902T020630_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220902T020712_20220902T020724_E001 Backscatter Error (Retracker 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_20220902T020808_20220902T020914_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_SAR_2_20220902T024518_20220902T020914_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_SAR_2_20220902T024518_20220902T020914_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_20220902T024518_20220902T020914_E001 Backscatter Error (Retracker 3) Backscatter Error (Re	CS_OFFL_SIR_SAR_220220902T004207_20220902T004421_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) CS_OFFL_SIR_SAR_2_20220902T020808_20220902T020914_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220902T020808_20220902T020914_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220902T020808_20220902T025232_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_220220902T010203_20220902T010421_E001	` //	There is a backscatter error for Retracker 2 and 3 for one or more records
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Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220902T020613_20220902T020630_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220902T020712_20220902T020724_E001 Backscatter Error (Retracker 2), Backscatte	CS_OFFL_SIR_SAR_220220902T010752_20220902T011402_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
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Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220902T020712_20220902T020724_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220902T020808_20220902T020914_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220902T024518_20220902T025232_E001 Backscatter Error (Retracker 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_20220902T024518_20220902T025232_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220902T030809_20220902T030811_E001 Backscatter Error (Retracker 2), Backsca	CS_OFFL_SIR_SAR_220220902T014940_20220902T015051_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
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Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220902T024518_20220902T025232_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220902T030809_20220902T030811_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220902T030809_20220902T030811_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220220902T020712_20220902T020724_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_20220902T030809_20220902T030811_E001 Backscatter Error (Retracker 2), Backscatte	CS_OFFL_SIR_SAR_220220902T020808_20220902T020914_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), There is a backscatter error for Retracker 2 and 3 for one or more records.	CS_OFFL_SIR_SAR_220220902T024518_20220902T025232_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_2_20220902T030809_20220902T030811_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220220902T031023_20220902T031041_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220902T032817_20220902T032956_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T034212_20220902T034439_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T042341_20220902T042623_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T042623_20220902T043236_E001	Backscatter Error (Retracker 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_20220902T050737_20220902T050934_E001	Backscatter Error (Retracker 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_20220902T052105_20220902T052329_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T060035_20220902T060813_E001	Backscatter Error (Retracker 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_20220902T060840_20220902T060929_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T064037_20220902T064237_E001	Backscatter Error (Retracker 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_20220902T064656_20220902T064924_E001	Backscatter Error (Retracker 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_20220902T070006_20220902T070412_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T074006_20220902T074634_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T074634_20220902T074810_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T075331_20220902T075413_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T080039_20220902T080112_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T081636_20220902T081934_E001	Backscatter Error (Retracker 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_20220902T082444_20220902T082900_E001	Backscatter Error (Retracker 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_20220902T083849_20220902T084248_E001	Backscatter Error (Retracker 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_20220902T090354_20220902T090639_E001	Backscatter Error (Retracker 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_20220902T091813_20220902T092534_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T092534_20220902T092716_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T093214_20220902T093550_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T093638_20220902T093729_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T093903_20220902T093941_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T095248_20220902T095435_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T100441_20220902T100845_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T101824_20220902T101917_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T101921_20220902T102210_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T104800_20220902T104939_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T105825_20220902T105932_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T105949_20220902T110431_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T110431_20220902T110552_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T110636_20220902T110653_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T110829_20220902T110859_E001	Backscatter Error (Retracker 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_20220902T110919_20220902T111002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T111753_20220902T111806_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T114222_20220902T114923_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T120017_20220902T120124_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T120529_20220902T120621_E001	Backscatter Error (Retracker 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_20220902T122752_20220902T122935_E001	Backscatter Error (Retracker 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_20220902T123736_20220902T124312_E001	Backscatter Error (Retracker 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_20220902T124312_20220902T124430_E001	Backscatter Error (Retracker 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_20220902T132344_20220902T132501_E001	Backscatter Error (Retracker 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_20220902T133939_20220902T134048_E001	Backscatter Error (Retracker 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_20220902T135443_20220902T135622_E001	Backscatter Error (Retracker 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_20220902T140201_20220902T140331_E001	Backscatter Error (Retracker 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_20220902T141757_20220902T141909_E001	Backscatter Error (Retracker 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_20220902T141951_20220902T142032_E001	Backscatter Error (Retracker 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_20220902T142032_20220902T142404_E001	Backscatter Error (Retracker 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_20220902T142613_20220902T142715_E001	Backscatter Error (Retracker 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_20220902T143619_20220902T143635_E001	Backscatter Error (Retracker 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_20220902T150424_20220902T150647_E001	Backscatter Error (Retracker 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_20220902T151918_20220902T152029_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220902T155533_20220902T155558_E001	Backscatter Error (Retracker 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_20220902T155558_20220902T160317_E001	Backscatter Error (Retracker 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_20220902T164405_20220902T164624_E001	Backscatter Error (Retracker 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_20220902T165732_20220902T170001_E001	Backscatter Error (Retracker 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_20220902T173738_20220902T174349_E001	Backscatter Error (Retracker 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_20220902T175500_20220902T175618_E001	Backscatter Error (Retracker 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_20220902T182208_20220902T182602_E001	Backscatter Error (Retracker 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_20220902T183710_20220902T183906_E001	Backscatter Error (Retracker 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_20220902T190342_20220902T190520_E001	Backscatter Error (Retracker 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_20220902T190632_20220902T190809_E001	Backscatter Error (Retracker 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_20220902T191129_20220902T191143_E001	Backscatter Error (Retracker 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_20220902T191622_20220902T191627_E001	Backscatter Error (Retracker 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_20220902T191725_20220902T192514_E001	Backscatter Error (Retracker 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_20220902T200143_20220902T200548_E001	Backscatter Error (Retracker 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_20220902T201528_20220902T202100_E001	Backscatter Error (Retracker 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_20220902T202424_20220902T202838_E001	Backscatter Error (Retracker 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_20220902T204434_20220902T204628_E001	Backscatter Error (Retracker 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_20220902T204851_20220902T205130_E001	Backscatter Error (Retracker 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_20220902T205551_20220902T210430_E001	Backscatter Error (Retracker 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_20220902T211706_20220902T211952_E001	Backscatter Error (Retracker 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_20220902T214057_20220902T214316_E001	Backscatter Error (Retracker 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_20220902T215441_20220902T215825_E001	Backscatter Error (Retracker 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_20220902T220826_20220902T221013_E001	Backscatter Error (Retracker 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_20220902T222232_20220902T222956_E001	Backscatter Error (Retracker 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_20220902T223211_20220902T223246_E001	Backscatter Error (Retracker 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_20220902T223655_20220902T224454_E001	Backscatter Error (Retracker 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_20220902T225323_20220902T225414_E001	Backscatter Error (Retracker 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_20220902T232000_20220902T232114_E001	Backscatter Error (Retracker 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_20220902T233244_20220902T233905_E001	Backscatter Error (Retracker 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_20220902T235135_20220902T235157_E001	Backscatter Error (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_220220902T001133_20220902T001312_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_220220902T002047_20220902T002241_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_220220902T010421_20220902T010638_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_220220902T012017_20220902T012343_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_220220902T015051_20220902T015238_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_20220902T015921_20220902T020613_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_220220902T020724_20220902T020808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220902T021810_20220902T022330_E001	unavailable 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_220220902T022800_20220902T022922_E001	Backscatter Error (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_220220902T023633_20220902T023755_E001	Backscatter Error (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_20220902T024006_20220902T024518_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_220220902T030127_20220902T030444_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_220220902T032956_20220902T033251_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_220220902T033700_20220902T033706_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220902T033913_20220902T034212_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_220220902T042001_20220902T042341_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_20220902T043938_20220902T044152_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records

CS_OFFL_SIR_SIN_2_20220902T050935_20220902T051049_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS OFFL SIR SIN 2 20220902T051614 20220902T051621 E001	track Angle Error SARIn X-track Angle Error	was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more
	Backscatter Error (Retracker 2),	records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_2_20220902T051946_20220902T052105_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_2_20220902T055527_20220902T055606_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220902T055614_20220902T060035_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	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_20220902T060813_20220902T060839_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220902T060959_20220902T061122_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_20220902T064924_20220902T065048_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_20220902T065855_20220902T070006_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_20220902T073614_20220902T073743_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_20220902T073833_20220902T074005_E001	Backscatter Error (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_20220902T075030_20220902T075047_E001	Backscatter Error (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_20220902T075208_20220902T075331_E001	Backscatter Error (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_20220902T075845_20220902T080039_E001	Backscatter Error (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_20220902T082900_20220902T083025_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_20220902T083543_20220902T083849_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_20220902T092716_20220902T092727_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_20220902T100845_20220902T101148_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_20220902T101444_20220902T101823_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_20220902T101917_20220902T101921_E001	Backscatter Error (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_20220902T105932_20220902T105949_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_20220902T110552_20220902T110636_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_20220902T110653_20220902T110828_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_20220902T110900_20220902T110918_E001	Backscatter Error (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_20220902T111014_20220902T111101_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_20220902T114923_20220902T115157_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_20220902T115352_20220902T115619_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220902T115840_20220902T120016_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_20220902T122935_20220902T123135_E001	Backscatter Error (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_20220902T124430_20220902T124549_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_20220902T124952_20220902T125112_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_20220902T132501_20220902T133039_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_20220902T133309_20220902T133334_E001	SARIN X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220902T133759_20220902T133939_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_20220902T141909_20220902T141951_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_20220902T142404_20220902T142613_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_20220902T142715_20220902T142945_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_20220902T144024_20220902T144147_E001	Backscatter Error (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_20220902T150647_20220902T150823_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_20220902T151714_20220902T151918_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_20220902T154348_20220902T154654_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_220220902T154750_20220902T154925_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220902T160318_20220902T160804_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_20220902T164624_20220902T164752_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_220220902T164933_20220902T165039_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220902T165505_20220902T165731_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_20220902T173544_20220902T173547_E001	Backscatter Error (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_20220902T174349_20220902T175217_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_20220902T182603_20220902T182955_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_20220902T183544_20220902T183709_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_20220902T191143_20220902T191306_E001	Backscatter Error (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_20220902T191421_20220902T191450_E001	Backscatter Error (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_20220902T191627_20220902T191725_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_20220902T192515_20220902T192616_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_20220902T192701_20220902T192818_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_20220902T200548_20220902T200902_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_20220902T201417_20220902T201528_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_220220902T204629_20220902T204721_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220902T214316_20220902T214737_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_20220902T215319_20220902T215440_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_220220902T223110_20220902T223200_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_20220902T223246_20220902T223353_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_220220902T223357_20220902T223655_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__20220902T232114_20220902T232235_E001

CS_OFFL_SIR_SIN_2__20220902T233057_20220902T233244_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

Backscatter Error (Retracker 2),
Backscatter Error (Retracker 3), SARIn X track Angle Error