

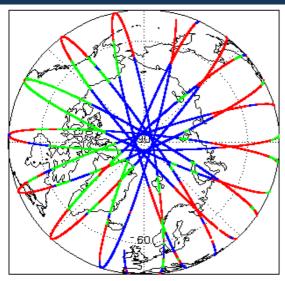
1. Overview

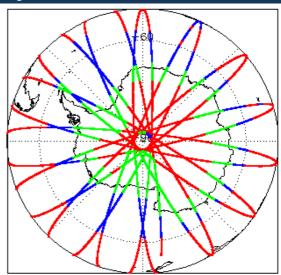
Report Production Date:	22-Aug-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

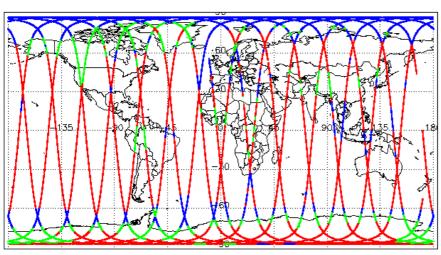
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	See Section 4.5
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 5.4
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

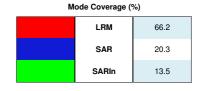
Mission / Instru	iment News
20-Jul-2022	None
21-Jul-2022	None
22-Jul-2022	Nothing planned

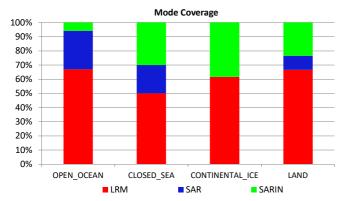
2. Global Coverage

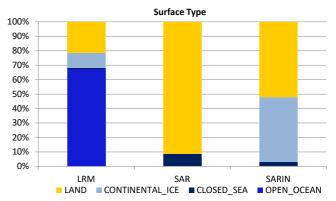












3. Instrument Configuration

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.

Number of products with errors:

98

Product	Test Failed	Description
S_OFFL_SIR_LRM_1B_20220721T010536_20220721T010928_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T011458_20220721T014103_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T014912_20220721T015135_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T015958_20220721T021227_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T024417_20220721T025011_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T025358_20220721T030322_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T030526_20220721T032003_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T033649_20220721T034914_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T035355_20220721T035430_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T035432_20220721T040650_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T040814_20220721T040930_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T042302_20220721T042710_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T042806_20220721T042815_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T042817_20220721T042819_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T042823_20220721T043632_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T050744_20220721T050857_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T051454_20220721T054028_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T054141_20220721T054810_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T054934_20220721T055028_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T060143_20220721T060912_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T061045_20220721T061143_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T061413_20220721T063457_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T065335_20220721T072123_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T074229_20220721T074812_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T074856_20220721T075032_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T075034_20220721T075047_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T075049_20220721T075239_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T075241_20220721T075308_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T075311_20220721T081745_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T082542_20220721T082911_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T091914_20220721T092304_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T092338_20220721T092559_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T092633_20220721T092715_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T092902_20220721T093014_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T093259_20220721T093329_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T093410_20220721T093736_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20220721T093800_20220721T093931_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T094038_20220721T094144_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T094235_20220721T094936_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T101316_20220721T104818_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T110238_20220721T110307_E001	Loss of echo	The tracking echo is missing for one or more records

Comparison Com		ı	1
Comparison Line L		Loss of echo	The tracking echo is missing for one or more records
So OPE, SR LIVE III SCOREDITI HISTORY (DESCRIPTIONS, 500) CO. OPE, SR LIVE III SCOREDITI HISTORY, 50000001100000000000000000000000000000	CS_OFFL_SIR_LRM_1B_20220721T110930_20220721T111540_E001	Loss of echo	The tracking echo is missing for one or more records
So CPFL SIX LAM 18 DECERTIFICATION DECORPTIFICATION DOTAINS AND ADDRESS OF THE SIX LAM 18 DECERTIFICATION DECORPTIFICATION DE		Loss of echo	The tracking echo is missing for one or more records
Sec. Dest., Sec. Land. 18, 2002771 Tissolis, 200	CS_OFFL_SIR_LRM_1B_20220721T115212_20220721T120918_E001	Loss of echo	The tracking echo is missing for one or more records
Co. CPF_SILL_MIN_18_100007711545481_20020771175656_ECO Co. CPF_SILL_MIN_18_1000077115454812_20020771175656_ECO Co. CPF_SILL_MIN_18_1000077115454812_20020771175656_ECO Co. CPF_SILL_MIN_18_1000077115454812_20020771175656_ECO Co. CPF_SILL_MIN_18_1000077115454812_20020771175656_ECO Co. CPF_SILL_MIN_18_1000077115454812_20020771175656_ECO Co. CPF_SILL_MIN_18_100007711545482_ECO Co. CPF_SILL_MIN_18_100007711545482_ECO Co. CPF_SILL_MIN_18_100007711545482_ECO Co. CPF_SILL_MIN_18_100007711545482_ECO Co. CPF_SILL_MIN_18_100007711545482_ECO Co. CPF_SILL_MIN_18_10000771154548_ECO Co. CPF_SILL_MIN_18_10000771174548_ECO Co. CPF_SILL_MIN_18_100000771174548_ECO Co. CPF_SILL_MIN_18	CS_OFFL_SIR_LRM_1B_20220721T122126_20220721T122755_E001	Loss of echo	The tracking echo is missing for one or more records
See CFT_SRI_MIN_B_2000071715469_2000771715669_E031 Out of eich On See CFT_SRI_MIN_B_20000771715469_2000771715669_E031 Out of eich On See CFT_SRI_MIN_B_2000771715469_2000771715669_E031 Out of eich On See CFT_SRI_MIN_B_2000771715469_E0300771715699_E031 Out of eich On See CFT_SRI_MIN_B_2000771715469_E0300771715699_E031 Out of eich On See CFT_SRI_MIN_B_2000771715690_E030077175699_E031 Out of eich On See CFT_SRI_MIN_B_2000771715690_E030077175699_E031 Out of eich On See CFT_SRI_MIN_B_2000771715690_E030077175699_E031 Out of eich On See CFT_SRI_MIN_B_2000771715690_E030077175690_E031 Out of eich On See CFT_SRI_MIN_B_2000771717660_E030077175690_E031 Out of eich On See CFT_SRI_MIN_B_2000771717660_E030077175690_E031 Out of eich On See CFT_SRI_MIN_B_2000771717660_E030077177660_E031 Out of eich On See CFT_SRI_MIN_B_2000771777660_E030077177660_E031 Out of eich On See CFT_SRI_MIN_B_2000777177660_E0300777177660_E031 Out of eich On Se	CS_OFFL_SIR_LRM_1B_20220721T133151_20220721T134303_E001	Loss of echo	The tracking echo is missing for one or more records
So, CPE, SML JAM, IR. 2007/07/1146651, 2		Loss of echo	The tracking echo is missing for one or more records
See Set No. 1. The transing often on insisting for one or more recents. Co. GRF, Sin, Link, III, 200000111114880, 200000111114980, 20000111114980, 200001114980, 200001114980, 200001114980, 200001114980, 200001114980, 2000011414980, 200001141980,	CS_OFFL_SIR_LRM_1B_20220721T134618_20220721T134625_E001	Loss of echo	The tracking echo is missing for one or more records
Se CFFL, SER LEM, 19, 2002/27/11/14/55 2002/27/11/45/55 EDD	CS_OFFL_SIR_LRM_1B_20220721T134629_20220721T134648_E001	Loss of echo	The tracking echo is missing for one or more records
Sec. Perf., Sec. Land., 18, 20000711119109, 20000711119002 2001 Loss of exho	CS_OFFL_SIR_LRM_1B_20220721T134653_20220721T134654_E001	Loss of echo	The tracking echo is missing for one or more records
Case Of Abr. Ref. Reg. Ref. Reg. Ref. Reg. Ref.	CS_OFFL_SIR_LRM_1B_20220721T134656_20220721T134833_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SRL_INL_IB_202277115916_2022077117520_EDID Loss of echo The studing echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T135315_20220721T140735_E001	Loss of echo	The tracking echo is missing for one or more records
CS_CFF_SR_LPM_18_2020771171504_20202011 (asso debt) CS_CFF_SR_LPM_18_20207711715020_20001 (asso debt) CS_CFF_SR_LPM_18_20207711715020_20001 (asso debt) CS_CFF_SR_LPM_18_20207711715020_20001 (asso debt) CS_CFF_SR_LPM_18_20207711715020_200011153702_E001 (asso debt) CS_CFF_SR_LPM_18_20207711715020_200011153702_E001 (asso debt) CS_CFF_SR_LPM_18_20207711715003_20007117154702_E001 (asso debt) CS_CFF_SR_LPM_18_202077117170717502_20007117154702_E001 (asso debt) CS_CFF_SR_LPM_18_2020771171707177020_200071171549_E001 (asso debt) CS_CFF_SR_LPM_18_202077117170722_202077117149_E001 (asso debt) CS_CFF_SR_LPM_18_202077117170722_20077117149_E001 (asso debt) CS_CFF_SR_LPM_18_202077117170722_20077117149_E001 (asso debt) CS_CFF_SR_LPM_18_202077117170722_20077117149_E001 (asso debt) CS_CFF_SR_LPM_18_202077117107072_20077117149_E001 (asso debt) CS_CFF_SR_LPM_18_202077117107072_20077117149_E001 (asso debt) CS_CFF_SR_LPM_18_202077117107072_20077117149_	CS_OFFL_SIR_LRM_1B_20220721T143929_20220721T145358_E001	Loss of echo	The tracking echo is missing for one or more records
OS OFFILSR LINU 18 20202721715926 2020272171592	CS_OFFL_SIR_LRM_1B_20220721T150115_20220721T150322_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LIM_18_20220721T152740_20220721T152806_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T102034_20220721T15240_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T102034_20220721T15340_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17320_E0220721T15340_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17320_E0220721T17343_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17320_E0220721T17343_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17320_E0220721T17343_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17389_20220721T17345_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17389_20220721T17345_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17349_20220721T17349_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17349_20220721T17349_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17349_20220721T17349_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17349_20220721T17349_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17349_20220721T17349_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17349_20220721T17349_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T17349_20220721T19634_E001 Loss of scho The tracking exho is missing for one or more records CS_OFFL_SR_LIM_18_20220721T19634_20220721T19638_E001 Loss of scho The tracking exho is missing for one or	CS_OFFL_SIR_LRM_1B_20220721T151040_20220721T152240_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LNL_18_20200721T16906_2020721T16970_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_2020721T16970_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_2020721T176970_E0020721T16980_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_2020721T17697_20207271T17680_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_20207271T17680_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T17694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T176932_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LNL_18_20207271T176932_E001 Los	CS_OFFL_SIR_LRM_1B_20220721T152352_20220721T152539_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LPM_18_20220721719094_20220721719095_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220721719094_20220721719095_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220721719092_20220721719195_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_2022072171925_20220721719195_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_2022072171925_2022072171996_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_2022072171995_2022072171996_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220721717995_2022072171996_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220721717994_20220721717996_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220721717994_20220721717995_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220721717994_20220721717995_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220721717994_202207271717995_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_202207271717995_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_202207271717995_E001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_202207271717995_2001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220727171995_2001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220727171995_2001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220727171995_2001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_LPM_18_20220727171995_2001 Loss of scho The tracking colo is missing for one or more records CS_OFFL_SR_	CS_OFFL_SIR_LRM_1B_20220721T152740_20220721T152802_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_1B_20220721T1610304_80220721T16140_E001 CS_OFFL_SR_LRM_1B_2022072T1T6149_2022072T1717415_E001 CS_OFFL_SR_LRM_1B_2022072T1771302_8022072T1717415_E001 CS_OFFL_SR_LRM_1B_2022072T1771302_8022072T1771415_E001 CS_OFFL_SR_LRM_1B_2022072T1771302_8022072T1771415_E001 CS_OFFL_SR_LRM_1B_2022072T1771302_8022072T1771415_E001 CS_OFFL_SR_LRM_1B_2022072T1771302_8022072T1771415_E001 CS_OFFL_SR_LRM_1B_2022072T1771302_8022072T1771445_E001 CS_OFFL_SR_LRM_1B_2022072T1771302_8022072T1771445_E001 CS_OFFL_SR_LRM_1B_2022072T1771482_8022072T1771445_E001 CS_OFFL_SR_LRM_1B_2022072T1771482_8022072T1771482_E001 CS_OFFL_SR_LRM_1B_2022072T1771482_8022072T1771482_E001 CS_OFFL_SR_LRM_1B_2022072T1771482_8022072T1771482_E001 CS_OFFL_SR_LRM_1B_2022072T1771482_8022072T1771482_E001 CS_OFFL_SR_LRM_1B_2022072T177482_8022072T177482_E001 CS_OFFL_SR_LRM_1B_2022072T171482_8022072T177482_E001 CS_OFFL_SR_LRM_1B_2022072T171482_8022072T177482_E001 CS_OFFL_SR_LRM_1B_2022072T171482_8022072T177482_E001 CS_OFFL_SR_LRM_1B_2022072T171482_8022072T171482_E001 CS_OFFL_SR_LRM_1B_2022072T171482_8022072T171482_E001 CS_OFFL_SR_LRM_1B_2022072T171482_8022072T171482_E001 CS_OFFL_SR_LRM_1B_2022072T171482_8022072T171482_E001 CS_OFFL_SR_LRM_1B_2022072T171482_8022072T171482_E001 CS_OFFL_SR_LRM_1B_2022072T1714803_602072T171483_E001 CS_OFFL_SR_LRM_1B_2022072T1714804_8020072T171858_E001 CS_OFFL_SR_LRM_1B_2022072T1718042_802072T1718586_E001 CS_OFFL_SR_LRM_1B_2022072T1718042_802072T1718586_E001 CS_OFFL_SR_LRM_1B_2022072T1718042_802072T1718058_E001 CS_OFFL_SR_LRM_1B_2022072T1718051_2022072T1718058_E001 CS_OFFL_SR_LRM_1B_2022072T1718051_2022072T1718058_E001 CS_OFFL_SR_LRM_1B_2022072T1718051_2022072T1718058_E001 CS_OFFL_SR_LRM_1B_2022072T1718053_2022072T1718058_E001 CS_OFFL_SR_LRM_1B_2022072T1718053_2022072T1718058_E001 CS_OFFL_SR_LRM_1B_2022072T1718054_8022072T1718058_E001 CS_OFFL_SR_LRM_1B_2022072T1718058_80220072T1718058_E001 CS_OFFL_SR_LRM_1B_2022072T1718058_8022072T1718058_E001 CS_OFFL_SR_LRM_1B_2022072T1718058_8022072T1718058_E001	CS_OFFL_SIR_LRM_1B_20220721T152806_20220721T153702_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_IB_20220721T1930_2022072T171930_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171936_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171936_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171936_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171936_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171936_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_2022072T171930_2022072T171933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_202207	CS_OFFL_SIR_LRM_1B_20220721T153901_20220721T154720_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LEM IB 20220721T171307 20220721T17130E 5001 CSS OFFL SIR LEM IB 20220721T171302 2022072T17140E 5001 CSS OFFL SIR LEM IB 2022072T171926 2022072T171946 5001 CSS OFFL SIR LEM IB 2022072T171926 2022072T171946 5001 CSS OFFL SIR LEM IB 2022072T171928 2022072T171946 5001 CSS OFFL SIR LEM IB 2022072T171948 2022072T171946 5001 CSS OFFL SIR LEM IB 2022072T171948 2022072T171948 5001 CSS OFFL SIR LEM IB 2022072T17948 2022072T17948 5001 CSS OFFL SIR LEM IB 2022072T17949 2022072T17959 5001 CSS OFFL SIR LEM IB 2022072T17959 2022072T17959 5001 CSS OFFL SIR LEM IB 2022072T17959 2022072T17959 5000 CSS OFFL SIR LEM IB 2022072T17959 50000 CSS OFFL SIR LEM IB 2022072T172099 2022072T172099 10000 CSS OFFL	CS_OFFL_SIR_LRM_1B_20220721T160034_20220721T161630_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LEM_IB_20220721171925_20220721171945_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721171955_20220721171945_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721171955_20220721171956_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721171956_20220721171956_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721171956_20220721171958_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721171958_20200721171958_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721171958_2020721171958_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721171958_2020721119556_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721171958_2020721118556_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_202207211719591_20220721118594_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721119593_20200721118594_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721119253_20200721119259_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721119253_20200721119259_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721119253_20200721119259_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721119253_20200721119259_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_20220721119253_20200721110259_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_IB_202207211102552_202007211102551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF	CS_OFFL_SIR_LRM_1B_20220721T162149_20220721T163440_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LIM_IB_20220721171980_20220721171945_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_20220721171948_20220721171946_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_20220721171948_2022072117946_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_20220721171948_20220721179428_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_20220721171948_2022072117452_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_20220721174188_20220721174518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_20220721174518_20220721174518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_20220721174518_20220721174518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_202207211185048_20220721174555_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_202207211185048_20220721118505_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_20220721118503_202207211195032_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_202207211195031_202207211195058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_202207211725053_202207211795058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_202207211725054_202207211795058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_202207211725058_202207211725055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_202207211725058_202207211725055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LIM_IB_202207211725058_202207211725055_E001 Loss of echo The tracking	CS_OFFL_SIR_LRM_1B_20220721T171307_20220721T171320_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220721T171925_20220721T171926_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1717948_2022072T171926_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T177948_2022072T1717925_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1774182_2022072T177473E_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T177458_2022072T1717473E_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1717654_2022072T171843E_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1718648_2022072T1718258_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17186918_2022072T1718658_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17186918_2022072T1718694_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17192558_202072T1719258_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17192558_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17192558_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17192558_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17192558_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17192558_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17192558_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1720544_2042072T1720551_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1720463_2042072T17	CS_OFFL_SIR_LRM_1B_20220721T171322_20220721T171415_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220721T171928_20220721T17218_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T17218_20220721T17212E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T17318_20220721T17318_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T17318_2022072T17318_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T173518_2022072T1731843_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T173518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T173518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T173508_2022072T1736258_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T173609_2022072T1736091_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T1736238_2022072T1736258_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T1736258_2022072T1736258_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T1736258_2022072T1736258_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T1736258_2022072T173658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T173658_2022072T1736385_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T17203752_2022072T1720386_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T17203752_2022072T1720386_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022072T17203752_2022072T1720386_E001 Loss of echo The tracking echo	CS_OFFL_SIR_LRM_1B_20220721T171804_20220721T171843_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LFM. 18 20220721173149, 202207211772121_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 202207211772143, 20220721177632_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 20220721177646, 20220721175152_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 2022072117646, 20220721176552_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 202207211182048_20220721182558_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 202207211182048_2020721182586_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 202207211190533_20220721190539_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 20220721119253_20220721190539_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 20220721119253_20220721192559_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 20220721119253_20220721192559_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 20220721119254_2020721192559_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 202207211102094_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 202207211102094_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 202207211102094_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 202207211202094_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 202207211202094_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 20220721120094_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM. 18 20220721122008_20200721122168_E	CS_OFFL_SIR_LRM_1B_20220721T171925_20220721T171926_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220721171214_20220721717528_E001 CS_OFFL_SIR_LRM_18_2022072117174186_202207217175182_E001 CS_OFFL_SIR_LRM_18_2022072117174186_20207217175182_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721171864_20220721718561_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202207217186019_20220721718561_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202207217185619_202207217180312_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721719253_202207217190312_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721719253_20220721719259_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721719253_20220721719259_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721719254_2020721719258_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721719254_2020721719258_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202207217102054_20207217103555_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202207217102054_20207217103555_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202207217102054_20207217103655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721710354_20207217103655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202207217120554_20207217120565_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202207217120552_202207217120565_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202207217121655_200207217122165_E001 Loss of echo The tra	CS_OFFL_SIR_LRM_1B_20220721T171928_20220721T171946_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220721174138_2022072172552_E001	CS_OFFL_SIR_LRM_1B_20220721T171948_20220721T172121_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220721T17856_20220721T38154_E001	CS_OFFL_SIR_LRM_1B_20220721T172124_20220721T172629_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220721T185194_20220721T182558_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T185793_2022072T1782558_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1785793_2022072T1789312_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1793112_2022072T179312_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T179312_E022072T1793525_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T179253_2022072T1792539_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T179253_2022072T1792559_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1792554_2022072T1792558_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17920991_2022072T1792351_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T17920991_202072T1793951_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1793554_2022072T1793955_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1794030_2022072T1794951_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1794030_2022072T1794681_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1794030_2022072T1794051_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1794030_2022072T1794051_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1794030_202072T1794055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_2022072T1794030_202072T1794033_E001 Loss of echo The tracking echo is missing f	CS_OFFL_SIR_LRM_1B_20220721T174138_20220721T174732_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220721T182048_20220721T182618_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T185619_20220721T190312_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T190312_20220721T190312_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T190312_20220721T190312_5001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T192533_20220721T192539_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T192542_20220721T192558_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T19254_20220721T192558_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T200999_20220721T202911_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T200914_20220721T200951_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T200952_2020721T200951_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T204030_2020721T204931_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T204030_2020721T204631_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T204030_20220721T20551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T20588_20220721T20588_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T221658_20220721T21655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T221658_20220721T221658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T221658_20220721T221658_E001 Loss of echo The tracking echo is missing for	CS_OFFL_SIR_LRM_1B_20220721T174826_20220721T175152_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220721T185619_20220721T19573_20220721T19573_20220721T19573_20220721T19573_20220721T19573_20220721T19573_20220721T19573_20220721T19573_20220721T19554_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T19253_20220721T19554_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T19253_20220721T19253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T19254_20220721T19258_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T19254_20220721T20391_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T203914_20220721T203951_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T203914_20220721T203951_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T203954_20220721T203951_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T203952_20220721T203957_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T204030_2020721T204031_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T20032_20220721T20501_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T20032_2020721T20510_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T220032_2020721T221685_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T221685_20200721T221685_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T221684_2020721T221685_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220721T221634_2020721T221634_E001 Loss of echo	CS_OFFL_SIR_LRM_1B_20220721T175154_20220721T181433_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T19312_20220721T19312_2020721T19312_E001 CS_OFFL_SIR_LRM_1B_20220721T192533_2020721T192539_E001 CS_OFFL_SIR_LRM_1B_20220721T192533_202072T1792539_E001 CS_OFFL_SIR_LRM_1B_2022072T1792533_202072T1792539_E001 CS_OFFL_SIR_LRM_1B_2022072T1792543_202072T1792559_E001 CS_OFFL_SIR_LRM_1B_2022072T1792543_202072T1792559_E001 CS_OFFL_SIR_LRM_1B_2022072T1720999_202072T1792559_E001 CS_OFFL_SIR_LRM_1B_2022072T1720999_202072T1792591_E001 CS_OFFL_SIR_LRM_1B_2022072T1720999_202072T1720991_E001 CS_OFFL_SIR_LRM_1B_2022072T17203544_E001 CS_OFFL_SIR_LRM_1B_2022072T17203544_E001 CS_OFFL_SIR_LRM_1B_2022072T17203544_E001 CS_OFFL_SIR_LRM_1B_2022072T17203544_E001 CS_OFFL_SIR_LRM_1B_2022072T17203542_202072T17203644_E001 CS_OFFL_SIR_LRM_1B_2022072T17203725_2022072T17204641_E001 CS_OFFL_SIR_LRM_1B_2022072T1720302_202072T17204641_E001 CS_OFFL_SIR_LRM_1B_2022072T1720302_202072T17204641_E001 CS_OFFL_SIR_LRM_1B_2022072T1720302_202072T1720681_E001 CS_OFFL_SIR_LRM_1B_2022072T1720302_202072T1720681_E001 CS_OFFL_SIR_LRM_1B_2022072T1720302_202072T172068_E001 CS_OFFL_SIR_LRM_1B_2022072T1720208_E001 CS_OFFL_SIR_LRM_1B_2022072T1720368_E001 CS_OFFL_SIR_LRM_1B_2022072T1720208_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E002072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E002072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721658_E001 CS_OFFL_SIR_LRM_1B_2022072T1721808_202072T1721833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022072T1721834_2022072T17221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022072T1723534_2022072T17235336_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202	CS_OFFL_SIR_LRM_1B_20220721T182048_20220721T182558_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220721T190312_20220721T190524_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T192533_20220721T192539_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T192554_20220721T192555_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T200909_20220721T202911_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T200909_20220721T203551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T203554_20220721T2035551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T203554_20220721T2035551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T203957_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T204030_20220721T203957_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T204030_20220721T2164631_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T220632_20220721T215901_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T220632_20220721T22063_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221658_20220721T221655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221658_20220721T221656_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221658_20220721T221656_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221658_20220721T221656_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221634_20220721T221655_E001 Loss of echo The tracking echo is m	CS_OFFL_SIR_LRM_1B_20220721T185619_20220721T185646_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220721T192533_20220721T192539_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T192543_20220721T195528_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T200999_20220721T209551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T200999_20220721T209551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T203554_20220721T203551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T203554_20220721T203564_E001 CS_OFFL_SIR_LRM_IB_20220721T203554_20220721T203564_E001 CS_OFFL_SIR_LRM_IB_20220721T203554_20220721T203641_E001 CS_OFFL_SIR_LRM_IB_20220721T203030_20220721T203651_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T20303_20220721T20561_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T22032_20220721T220510_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221632_20220721T22108_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221658_20220721T221655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221688_20220721T221658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221688_20220721T221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T2218443_20220721T2218350_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T2218443_20220721T22333_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T223537_20220721T223538_E001 Loss of echo The tracking echo is missing for one or more records Th		Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220721T192542_0220721T192558_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T20099_20220721T203551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T203554_20220721T203551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T203554_20220721T203644_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T203554_20220721T203957_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T204303_00220721T204631_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T20532_00220721T204631_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T20203_20220721T22051_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T20203_20220721T22051_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T220528_20220721T22108_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221658_20220721T221655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221658_20220721T221658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221808_2020721T22168_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221804_2020721T221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T221834_2020721T223535_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20220721T235237_20220721T235238_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_O	CS_OFFL_SIR_LRM_1B_20220721T190312_20220721T190524_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220721T20999_20220721T20951_E001	CS_OFFL_SIR_LRM_1B_20220721T192533_20220721T192539_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220721T209909_20220721T203515_E001 CS_OFFL_SIR_LRM_18_20220721T203544_2020721T203551_E001 CS_OFFL_SIR_LRM_18_20220721T203554_20220721T203644_E001 CS_OFFL_SIR_LRM_18_20220721T203755_20220721T203644_E001 CS_OFFL_SIR_LRM_18_20220721T203755_20220721T203957_E001 CS_OFFL_SIR_LRM_18_20220721T204030_20220721T203957_E001 CS_OFFL_SIR_LRM_18_20220721T204030_20220721T204631_E001 CS_OFFL_SIR_LRM_18_20220721T204030_20220721T205016 CS_OFFL_SIR_LRM_18_20220721T202032_20220721T20501_E001 CS_OFFL_SIR_LRM_18_20220721T22023_20220721T20501_E001 CS_OFFL_SIR_LRM_18_20220721T220528_20220721T20501_E001 CS_OFFL_SIR_LRM_18_20220721T220528_20220721T20501_E001 CS_OFFL_SIR_LRM_18_20220721T22058_20220721T20501_E001 CS_OFFL_SIR_LRM_18_20220721T22058_20220721T20501_E001 CS_OFFL_SIR_LRM_18_20220721T22058_20220721T20501_E001 CS_OFFL_SIR_LRM_18_20220721T22058_20220721T20501_E001 CS_OFFL_SIR_LRM_18_20220721T221658_20020721T20505_E001 CS_OFFL_SIR_LRM_18_20220721T221658_20020721T20505_E001 CS_OFFL_SIR_LRM_18_20220721T221658_20020721T221658_E001 CS_OFFL_SIR_LRM_18_20220721T221702_20220721T221658_E001 CS_OFFL_SIR_LRM_18_20220721T221808_20220721T221834_E001 CS_OFFL_SIR_LRM_18_20220721T221808_20220721T221933_E001 CS_OFFL_SIR_LRM_18_20220721T221834_20220721T221933_E001 CS_OFFL_SIR_LRM_18_20220721T2234843_20220721T2221932525_E001 CS_OFFL_SIR_LRM_18_20220721T2354843_20220721T235235_E001 CS_OFFL_SIR_LRM_18_20220721T23539_20220721T235339_E001 CS_OFFL_SIR_LRM_18_20220721T23539_20220721T235339_E001 CS_OFFL_SIR_LRM_18_20220721T23539_20220721T235339_E001 CS_OFFL_SIR_LRM_18_20220721T23539_20220721T235339_E001 CS_OFFL_SIR_LRM_18_20220721T23539_20220721T235319_E001 CS_OFFL_SIR_LRM_18_20220721T23539_2020721T235319_E001 CS_OFFL_SIR_LRM_18_20220721T23539_20220721T235319_E001 CS_OFFL_SIR_LRM_18_20220721T23539_20220721T235319_E001 CS_OFFL_SIR_LRM_18_20220721T23539_20220721T235319_E001 CS_OFFL_SIR_LRM_18_20220721T235399_20220721T235319_E001 CS_OFFL_SIR_LRM_18_20220721T235399_20220721T235319_E001 CS_OFFL_SIR_LRM_18_	CS_OFFL_SIR_LRM_1B_20220721T192543_20220721T192550_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T202914_20220721T203551_E001 CS_OFFL_SIR_LRM_1B_20220721T203554_20220721T203554_E001 CS_OFFL_SIR_LRM_1B_20220721T203755_20220721T203957_E001 CS_OFFL_SIR_LRM_1B_20220721T204030_20220721T204631_E001 CS_OFFL_SIR_LRM_1B_20220721T204030_20220721T204631_E001 CS_OFFL_SIR_LRM_1B_20220721T215532_20220721T215901_E001 CS_OFFL_SIR_LRM_1B_20220721T215532_20220721T215901_E001 CS_OFFL_SIR_LRM_1B_20220721T220023_20220721T220510_E001 CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T2208_E001 CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T22108_E001 CS_OFFL_SIR_LRM_1B_20220721T221645_20220721T221655_E001 CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221658_E001 CS_OFFL_SIR_LRM_1B_20220721T221688_20220721T221757_E001 CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221333_E001 CS_OFFL_SIR_LRM_1B_20220721T2218344_20220721T22219_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T2218344_20220721T221333_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T2218344_20220721T221933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T223332_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T233443_20220721T235235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T233828_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235339_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_20220721T235309_20220721T235339_E001 Loss	CS_OFFL_SIR_LRM_1B_20220721T192554_20220721T195258_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T203554_20220721T203644_E001	CS_OFFL_SIR_LRM_1B_20220721T200909_20220721T202911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T203725_20220721T204631_E001 CS_OFFL_SIR_LRM_1B_20220721T215532_20220721T215901_E001 CS_OFFL_SIR_LRM_1B_20220721T215532_20220721T215901_E001 CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T220510_E001 CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T220510_E001 CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T22108_E001 CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T22108_E001 CS_OFFL_SIR_LRM_1B_20220721T221645_20220721T22108_E001 CS_OFFL_SIR_LRM_1B_20220721T221658_20020721T22165_E001 CS_OFFL_SIR_LRM_1B_20220721T221658_20020721T22165_E001 CS_OFFL_SIR_LRM_1B_20220721T221658_20020721T22165_E001 CS_OFFL_SIR_LRM_1B_20220721T221658_20020721T22165_E001 CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T22165_E001 CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T22175_E001 CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 CS_OFFL_SIR_LRM_1B_20220721T221804_2020721T221833_E001 CS_OFFL_SIR_LRM_1B_20220721T22203_20220721T22219_E001 CS_OFFL_SIR_LRM_1B_20220721T223443_20220721T235235_E001 CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 CS_OFFL_SIR_LRM_1B_20220721T235231_20220721T235238_E001 CS_OFFL_SIR_LRM_1B_20220721T235231_20220721T235339_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235339_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235339_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235339_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235339_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235339_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235339_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235339_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235339_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 CS_OFFL_SIR_LRM_1B_2020720721T235309_2020721T235319_E001 CS_OF	CS_OFFL_SIR_LRM_1B_20220721T202914_20220721T203551_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T204030_20220721T20531_E001 CS_OFFL_SIR_LRM_1B_20220721T215532_20220721T215901_E001 CS_OFFL_SIR_LRM_1B_20220721T220023_20220721T220510_E001 CS_OFFL_SIR_LRM_1B_20220721T220023_20220721T220510_E001 CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T221028_E001 CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T221028_E001 CS_OFFL_SIR_LRM_1B_20220721T221645_20220721T221655_E001 CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221658_E001 CS_OFFL_SIR_LRM_1B_20220721T221658_2020721T221658_E001 CS_OFFL_SIR_LRM_1B_20220721T221658_2020721T221658_E001 CS_OFFL_SIR_LRM_1B_20220721T221658_2020721T221658_E001 CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T221757_E001 CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221933_E001 CS_OFFL_SIR_LRM_1B_20220721T22203_20220721T222193_E001 CS_OFFL_SIR_LRM_1B_20220721T2234843_20220721T222219_E001 CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235235_E001 CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 CS_OFFL_SIR_LRM_1B_20220721T235231_20220721T2353307_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20020721T235319_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20020721T235319_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20020721T235319_E001 CS_OFFL_SIR_LRM_1B_20220721T235309_20020721T235319_E001	CS_OFFL_SIR_LRM_1B_20220721T203554_20220721T203644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T22532_20220721T220510_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T22058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221645_20220721T221028_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T221757_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235231_2020721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235307_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_20220721T235309_2020721T235319_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_20220721T235309_2020721T235319_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T203725_20220721T203957_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T220528_20220721T221028_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221645_20220721T221655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221645_20220721T221655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T221757_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T22203_20220721T222193_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T234843_20220721T235235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235241_20220721T235307_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T204030_20220721T204631_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T221628_20220721T221028_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T221757_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T22203_20220721T22219_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T234843_20220721T235235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235307_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_20220721T235309_20220721T235307_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_20220721T215532_20220721T215901_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T221645_20220721T221655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T221757_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T222203_20220721T222219_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T234843_20220721T235235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_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_20220721T235241_20220721T235307_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_20220721T235241_20220721T235307_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_20220721T235309_20220721T235319_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T220023_20220721T220510_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221658_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T221757_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T222203_20220721T222219_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T232203_20220721T232231_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235241_20220721T235307_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_20220721T235241_20220721T235307_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_20220721T220528_20220721T221028_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T221757_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T222203_20220721T222219_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T232235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235241_20220721T235307_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_20220721T221645_20220721T221655_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221933_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T222203_20220721T222219_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T234843_20220721T235235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235241_20220721T235307_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_20220721T235309_20220721T235319_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T221658_20220721T221658_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T221834_20220721T221933_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T221702_20220721T221757_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T222203_20220721T222219_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T234843_20220721T235235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235241_20220721T235307_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T221808_20220721T221834_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T234843_20220721T235235_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235241_20220721T235307_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_20220721T235309_20220721T235319_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_20220721T221834_20220721T221933_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235241_20220721T235307_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_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_20220721T222203_20220721T222219_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T235241_20220721T235307_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T234843_20220721T235235_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T235237_20220721T235238_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220721T235241_20220721T235307_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220721T235422_20220721T235554_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220721T235309_20220721T235319_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220721T235422_20220721T235554_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:

CS_OFFL_SIR_SIN_1B_20220721T032823_20220721T032829_E001	The Cal1 correction has not been applied for one or more records

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

0

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220721T015958_20220721T021227_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

0

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:

٥

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_LRM_220220721T163911_20220721T164728_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_2_20220721T000151_20220721T000356_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_220220721T000953_20220721T001000_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_220220721T001527_20220721T001908_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_220220721T004339_20220721T004624_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_220220721T005300_20220721T005329_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_220220721T011328_20220721T011457_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_220220721T014103_20220721T014204_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_220220721T014853_20220721T014858_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_220220721T014905_20220721T014912_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_220220721T015322_20220721T015958_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_220220721T021227_20220721T021321_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_220220721T025159_20220721T025358_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_220220721T030323_20220721T030525_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_220220721T032003_20220721T032112_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_220220721T032751_20220721T032758_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_220220721T032805_20220721T032811_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_220220721T033220_20220721T033446_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_20220721T033610_20220721T033648_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_220220721T040931_20220721T041024_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220721T041340_20220721T041347_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_220220721T042712_20220721T042759_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_20220721T042800_20220721T042805_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_220220721T043633_20220721T043724_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_20220721T043726_20220721T044448_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220721T045854 20220721T050008 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_220220721T050706_20220721T050709_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_220220721T051234_20220721T051453_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_220220721T054029_20220721T054141_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220721T063457_20220721T063547_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_20220721T063748_20220721T064011_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_220220721T065152_20220721T065334_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_220220721T081746_20220721T081914_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_220220721T083053_20220721T083347_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 20220721T090833 20220721T090906 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220721T092305 20220721T092338 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_220220721T092715_20220721T092902_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_220220721T093014_20220721T093258_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220721T094937_20220721T095226_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_20220721T095349_20220721T095548_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_220220721T095642_20220721T095918_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_220220721T100922_20220721T101316_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_20220721T110307_20220721T110317_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_20220721T110325_20220721T110519_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_20220721T110730_20220721T110930_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220721T113454 20220721T113847 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_220220721T114823_20220721T115211_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_220220721T123459_20220721T123815_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_220220721T123821_20220721T123910_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_20220721T123931_20220721T124947_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220721T131242_20220721T131940_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_20220721T133037_20220721T133151_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_220220721T134304_20220721T134356_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_20220721T134833_20220721T135315_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_220220721T142014_20220721T142031_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_20220721T143724_20220721T143929_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_220220721T145358_20220721T145449_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220721T145623 20220721T145741 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_20220721T151001_20220721T151039_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_220220721T152240_20220721T152352_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_220220721T152539_20220721T152655_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220721T152657_20220721T152739_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_220220721T155700_20220721T155846_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_20220721T160012_20220721T160033_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_220220721T163440_20220721T163713_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_220220721T164916_20220721T165028_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_20220721T170606_20220721T170821_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_220220721T170823_20220721T170858_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 20220721T171110 20220721T171235 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_220220721T171240_20220721T171245_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_220220721T171257_20220721T171307_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_220220721T173837_20220721T173840_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_220220721T173909_20220721T174138_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_220220721T174733_20220721T174826_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_220220721T181433_20220721T181646_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_220220721T182839_20220721T183042_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_20220721T195258_20220721T195608_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_20220721T200745_20220721T200908_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_220220721T203647_20220721T203722_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_220220721T213139_20220721T213558_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_20220721T214606_20220721T214819_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_220220721T215241_20220721T215531_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_220220721T221306_20220721T221645_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_220220721T221934_20220721T222203_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_220220721T222627_20220721T223445_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_220220721T224727_20220721T225011_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_220220721T231131_20220721T231500_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_220220721T231927_20220721T231930_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_220220721T232504_20220721T232835_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_20220721T235319_20220721T235421_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_220220721T235554_20220721T235925_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_20220721T000356_20220721T000815_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220721T015135_20220721T015321_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220721T032950_20220721T033219_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220721T050857_20220721T051233_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220721T114505_20220721T114823_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220721T131941_20220721T132218_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220721T132411_20220721T133037_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220721T145741_20220721T150115_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220721T213558_20220721T213922_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220721T231500_20220721T231821_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: 23

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220721T001908_20220721T003824_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_220220721T003909_20220721T004338_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
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

Retroduce 2) Reduce 3 Registration 3 Registration 4 Retroduce 2) Reduce 3 Registration 4 Retroduce 2) Reduced 3
Height Enror (Rehracker 2), Height Enror (Rehracker 2) for the control of Rehracker 2 or the present t
Height Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220721T021321_20220721T023023_E001 CS_OFFL_SIR_LRM_2_20220721T025358_20220721T030023_E001 CS_OFFL_SIR_LRM_2_20220721T025358_20220721T030032_E001 CS_OFFL_SIR_LRM_2_20220721T005568_20220721T030032_E001 CS_OFFL_SIR_LRM_2_20220721T005568_20220721T030032_E001 CS_OFFL_SIR_LRM_2_20220721T005568_20220721T030032_E001 CS_OFFL_SIR_LRM_2_20220721T030569_20220721T030032_E001 CS_OFFL_SIR_LRM_2_20220721T030569_20220721T03003_E001 CS_OFFL_SIR_LRM_2_20220721T030569_20220721T03003_E001 CS_OFFL_SIR_LRM_2_20220721T030569_20220721T04660_E001 CS_OFFL_SIR_LRM_2_20220721T03549_20220721T04660_E001 CS_OFFL_SIR_LRM_2_20220721T046914_20220721T046930_E001 CS_OFFL_SIR_LRM_2_20220721T046914_20220721T046930_E001 CS_OFFL_SIR_LRM_2_20220721T046914_20220721T04692_E001 CS_OFFL_SIR_LRM_2_20220721T046914_20220721T05402_E001 CS_OFFL_SIR_LRM_2_20220721T046914_20220721T05402_E001 CS_OFFL_SIR_LRM_2_20220721T046914_20220721T05402_E001 CS_OFFL_SIR_LRM_2_20220721T046914_20220721T05402_E001 CS_OFFL_SIR_LRM_2_20220721T061413_20220721T05402_E001 CS_OFFL_SIR_LRM_2_20220721T061413_20220721T06402_E001 CS_OFFL_SIR_LRM_2_20220721T061413_20220721T06402_E001 CS_OFFL_SIR_LRM_2_20220721T061413_20220721T06402_E001 CS_OFFL_SIR_LRM_2_20220721T061413_20220721T09123_E001 CS_OFFL_SIR_LRM_2_20220721T061313_20220721T09124_20200121T06401_E001 CS_OFFL_SIR_LRM_2_20220721T061313_20220721T06402_E001 CS_OFFL_SIR_LRM_2_20220721T061314_20220721T06402_E001 CS_OFFL_SIR_LRM_2_20220721T061314_20220721T06402_E001 CS_OFFL_SIR_LRM_2_20220721T061314_20220721T06402_E001 CS_OFFL_SIR_LRM_2_20220721T061314_20220721T06402_E001 CS_OFFL_SIR_LRM_2_20220721T061314_20220721T04818_E001 CS_OFFL_SIR_LRM_2_20220721T065335_20220721T04818_E001 CS_OFFL_SIR_LRM_2_20220721T065335_20220721T04818_E001 CS_OFFL_SIR_LRM_2_20220721T065335_20220721T04818_E001 CS_OFFL_SIR_LRM_2_20220721T065335_20220721T04818_E001 CS_OFFL_SIR_LRM_2_20220721T065335_20220721T04818_E001 CS_OFFL_SIR
GS_OFFL_SIR_LRM_2_20220721T025382_20220721T030032_E001 Height Error (Retracker 2) Height Error (Retracker 3) Height Error (Retra
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220721T003686_20220721T003914_E001 Referacker 3). Bankscatter Error (Retracker 2) referacker 3 for one or more records (Retracker 3). Bankscatter Error (Retracker 2). Bankscatter Er
GS_OFFL_SIR_LRM_2_20220721T033649_20220721T034914_E001 Refertacker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracke
GS_OFFL_SIR_LRM_2_20220721T036492_20220721T040650_E001 Surface Model Unavailable Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records No DEM or Slope Model was used for the location of one or more records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records Surface Model Unavailable Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error (Retracker 2), Backscatter error for Retracker 2 and a height error (Retracker 2), Backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records There is a height and backscatter error
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Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records CS_OFFL_SIR_LRM_2_20220721T051454_20220721T054028_E001 Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Ret
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Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220721T065335_20220721T072123_E001 Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Erro
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220721T075311_20220721T081745_E001 Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20220721T083347_20220721T090718_E001 Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3) for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20220721T083347_20220721T090718_E001 CS_OFFL_SIR_LRM_2_20220721T083347_20220721T090718_E001 CS_OFFL_SIR_LRM_2_20220721T091914_20220721T092304_E001 CS_OFFL_SIR_LRM_2_20220721T091914_20220721T092304_E001 CS_OFFL_SIR_LRM_2_20220721T101316_20220721T104818_E001 CS_OFFL_SIR_LRM_2_20220721T101316_20220721T104818_E001 CS_OFFL_SIR_LRM_2_20220721T105835_20220721T1046_E001 CS_OFFL_SIR_LRM_2_20220721T11817_20220721T113454_E001 CS_OFFL_SIR_LRM_2_20220721T11817_20220721T113454_E001 CS_OFFL_SIR_LRM_2_20220721T115212_20220721T120918_E001 CS_OFFL_SIR_LRM_2_20220721T115212_20220721T120918_E001 CS_OFFL_SIR_LRM_2_10220721T115212_20220721T120918_E001 CS_OFFL_SIR_LRM_2_10220721T115212_
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220721T091914_20220721T092304_E001 Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable CS_OFFL_SIR_LRM_2_20220721T101316_20220721T104818_E001 CS_OFFL_SIR_LRM_2_20220721T105835_20220721T110046_E001 Error (Retracker 2), Backscatter Error (Retracker 2) Error (Retracker 2), Backscatter Error
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CS_OFFL_SIR_LRM_2_20220721T101316_20220721T104818_E001 Error (Retracker 2), Surface model unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2),
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220721T111817_20220721T113454_E001 Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220721T115212_20220721T120918_E001 Error (Retracker 2), Backscatter Error (Retr
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220721T115212_20220721T120918_E001 Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records Height Error (Retracker 2) Height Error
Error (Retracker 2) Height Error
Height Error (Retracker 2), Height Error
CS_OFFL_SIR_LRM_2_20220721T122126_20220721T122755_E001 (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_20220721T123815_20220721T123820_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_20220721T124947_20220721T131242_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_20220721T133151_20220721T134303_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_20220721T134356_20220721T134616_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_20220721T134656_20220721T134833_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_20220721T135315_20220721T140735_E001
CS_OFFL_SIR_LRM_2_20220721T142031_20220721T143724_E001
CS_OFFL_SIR_LRM_2_20220721T143929_20220721T145358_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_20220721T151040_20220721T152240_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_20220721T152352_20220721T152539_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_20220721T152740_20220721T152802_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_20220721T152806_20220721T153702_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_220220721T160034_20220721T161630_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_20220721T162149_20220721T163440_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_20220721T170858_20220721T171109_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_20220721T171948_20220721T172121_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220721T174826_20220721T175152_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_20220721T175154_20220721T181433_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_20220721T183042_20220721T185402_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_20220721T192554_20220721T195258_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_220220721T200909_20220721T202911_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_220220721T204030_20220721T204631_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_220220721T205923_20220721T213139_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_220220721T222308_20220721T222626_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220721T223820_20220721T224726_E001	Error (Retracker 2), Surface model unavailable Height Error (Retracker 2), Height Error	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_220220721T225011_20220721T231130_E001	(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_220220721T232835_20220721T234517_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SAR_220220721T000151_20220721T000356_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T001527_20220721T001908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T004339_20220721T004624_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T005300_20220721T005329_E001	Backscatter Error (Retracker 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_20220721T005748_20220721T010536_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T011328_20220721T011457_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T014103_20220721T014204_E001	Backscatter Error (Retracker 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_20220721T015322_20220721T015958_E001	Backscatter Error (Retracker 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_20220721T021227_20220721T021321_E001	Backscatter Error (Retracker 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_20220721T023657_20220721T024220_E001	Backscatter Error (Retracker 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_20220721T024312_20220721T024417_E001	Backscatter Error (Retracker 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_20220721T025159_20220721T025358_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T030323_20220721T030525_E001	Backscatter Error (Retracker 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_20220721T032003_20220721T032112_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T033220_20220721T033446_E001	Backscatter Error (Retracker 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_20220721T033610_20220721T033648_E001	Backscatter Error (Retracker 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_20220721T040931_20220721T041024_E001	Backscatter Error (Retracker 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_20220721T041340_20220721T041347_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T041557_20220721T042302_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

	Backscatter Error (Retracker 2),	I
CS_OFFL_SIR_SAR_220220721T043726_20220721T044448_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T045854_20220721T050008_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T051234_20220721T051453_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T055420_20220721T055928_E001	Backscatter Error (Retracker 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_20220721T060004_20220721T060142_E001	Backscatter Error (Retracker 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_20220721T063457_20220721T063547_E001	Backscatter Error (Retracker 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_20220721T063748_20220721T064011_E001	Backscatter Error (Retracker 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_20220721T065152_20220721T065334_E001	Backscatter Error (Retracker 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_20220721T073139_20220721T073924_E001	Backscatter Error (Retracker 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_20220721T073924_20220721T073952_E001	Backscatter Error (Retracker 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_20220721T074015_20220721T074228_E001	Backscatter Error (Retracker 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_20220721T081746_20220721T081914_E001	Backscatter Error (Retracker 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_20220721T083053_20220721T083347_E001	Backscatter Error (Retracker 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_20220721T091030_20220721T091802_E001	Backscatter Error (Retracker 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_20220721T091818_20220721T091914_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T092715_20220721T092902_E001	Backscatter Error (Retracker 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_20220721T093014_20220721T093258_E001	Backscatter Error (Retracker 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_20220721T094937_20220721T095226_E001	Backscatter Error (Retracker 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_20220721T095349_20220721T095548_E001	Backscatter Error (Retracker 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_20220721T095642_20220721T095918_E001	Backscatter Error (Retracker 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_20220721T100922_20220721T101316_E001	Backscatter Error (Retracker 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_20220721T104818_20220721T105600_E001	Backscatter Error (Retracker 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_20220721T105600_20220721T105723_E001	Backscatter Error (Retracker 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_20220721T110307_20220721T110317_E001	Backscatter Error (Retracker 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_20220721T110325_20220721T110519_E001	Backscatter Error (Retracker 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_20220721T110730_20220721T110930_E001	Backscatter Error (Retracker 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_20220721T113454_20220721T113847_E001	Backscatter Error (Retracker 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_20220721T114823_20220721T115211_E001	Backscatter Error (Retracker 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_20220721T122756_20220721T123459_E001	Backscatter Error (Retracker 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_20220721T123459_20220721T123815_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T123821_20220721T123910_E001	Backscatter Error (Retracker 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_20220721T123931_20220721T124947_E001	Backscatter Error (Retracker 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_20220721T131242_20220721T131940_E001	Backscatter Error (Retracker 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_20220721T133037_20220721T133151_E001	Backscatter Error (Retracker 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_20220721T134304_20220721T134356_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220220721T134833_20220721T135315_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T140736_20220721T141350_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T141350_20220721T141458_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T142014_20220721T142031_E001	Backscatter Error (Retracker 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_20220721T143724_20220721T143929_E001	Backscatter Error (Retracker 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_20220721T145358_20220721T145449_E001	Backscatter Error (Retracker 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_20220721T145623_20220721T145741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T151001_20220721T151039_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T152240_20220721T152352_E001	Backscatter Error (Retracker 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_20220721T152539_20220721T152655_E001	Backscatter Error (Retracker 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_20220721T152657_20220721T152739_E001	Backscatter Error (Retracker 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_20220721T154721_20220721T154923_E001	Backscatter Error (Retracker 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_20220721T154940_20220721T155056_E001	Backscatter Error (Retracker 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_20220721T155056_20220721T155412_E001	Backscatter Error (Retracker 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_20220721T155700_20220721T155846_E001	Backscatter Error (Retracker 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_20220721T160012_20220721T160033_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T163440_20220721T163713_E001	Backscatter Error (Retracker 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_20220721T164916_20220721T165028_E001	Backscatter Error (Retracker 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_20220721T170606_20220721T170821_E001	Backscatter Error (Retracker 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_20220721T170823_20220721T170858_E001	Backscatter Error (Retracker 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_20220721T171110_20220721T171235_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T172629_20220721T172747_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T172747_20220721T173326_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T173909_20220721T174138_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T174733_20220721T174826_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T181433_20220721T181646_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T182839_20220721T183042_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T190524_20220721T190641_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T190712_20220721T190822_E001	Backscatter Error (Retracker 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_20220721T190842_20220721T191345_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T195258_20220721T195608_E001	Backscatter Error (Retracker 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_20220721T200745_20220721T200908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T203647_20220721T203722_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220721T204631_20220721T205547_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T213139_20220721T213558_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T214606_20220721T214819_E001	Backscatter Error (Retracker 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_20220721T215241_20220721T215531_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20220721T221306 20220721T221645 E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20220721T221934 20220721T222203 E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20220721T222627 20220721T223445 E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220220721T224727_20220721T225011_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220721T231131_20220721T231500_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_20220721T232504_20220721T232835_E001	Backscatter Error (Retracker 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_20220721T235319_20220721T235421_E001	Backscatter Error (Retracker 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_20220721T235554_20220721T235925_E001	Backscatter Error (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_220220721T000356_20220721T000815_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_220220721T001411_20220721T001527_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_220220721T003824_20220721T003909_E001	Backscatter Error (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_20220721T005217_20220721T005246_E001	Backscatter Error (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_220220721T005329_20220721T005608_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_220220721T005624_20220721T005748_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_220220721T014205_20220721T014327_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_220220721T015135_20220721T015321_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_220220721T023023_20220721T023433_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_20220721T023553_20220721T023656_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 was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220721T024220_20220721T024312_E001	track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	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
	track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	the location for one or more records
CS_OFFL_SIR_SIN_220220721T025011_20220721T025159_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_220220721T032113_20220721T032255_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220721T032823_20220721T032829_E001	SARIn X-track Angle Error, Calibration Warning Backscatter Error (Retracker 2),	#N/A
CS_OFFL_SIR_SIN_220220721T032950_20220721T033219_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220721T033446_20220721T033610_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_220220721T041024_20220721T041340_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_220220721T041347_20220721T041502_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_220220721T041507_20220721T041556_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_220220721T050008_20220721T050224_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_220220721T050738_20220721T050744_E001	SARIn X-track Angle Error, Calibration Warning	#N/A

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CS_OFFL_SIR_SIN_2_20220721T050857_20220721T051233_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_20220721T055028_20220721T055420_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_20220721T055928_20220721T060004_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_20220721T060913_20220721T061045_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_20220721T061143_20220721T061413_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_20220721T064011_20220721T064240_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_20220721T064621_20220721T064627_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220721T065009_20220721T065152_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_20220721T072124_20220721T073138_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_20220721T073952_20220721T074015_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_20220721T081915_20220721T082040_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_20220721T082536_20220721T082542_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220721T082912_20220721T083052_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_20220721T090718_20220721T090833_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_20220721T090914_20220721T091030_E001	Backscatter Error (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_20220721T091802_20220721T091817_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_20220721T095918_20220721T100039_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_20220721T100607_20220721T100922_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_20220721T105724_20220721T105835_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_20220721T110047_20220721T110100_E001	Backscatter Error (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_20220721T110112_20220721T110237_E001	Backscatter Error (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_20220721T110317_20220721T110325_E001	Backscatter Error (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_20220721T110548_20220721T110729_E001	Backscatter Error (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_20220721T111540_20220721T111816_E001	Backscatter Error (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_20220721T113848_20220721T114002_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_20220721T114505_20220721T114823_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_20220721T131941_20220721T132218_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_20220721T132411_20220721T133037_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_20220721T141459_20220721T141619_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_20220721T141858_20220721T142014_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_20220721T145450_20220721T145622_E001	Backscatter Error (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_20220721T145741_20220721T150115_E001	Backscatter Error (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_20220721T150323_20220721T150414_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220721T150825_20220721T151001_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_220220721T153702_20220721T153901_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_220220721T154924_20220721T154940_E001	Backscatter Error (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_220220721T155412_20220721T155518_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_220220721T155606_20220721T155700_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_20220721T155847_20220721T160012_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_20220721T161630_20220721T162149_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_20220721T163713_20220721T163911_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_20220721T164728_20220721T164915_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_20220721T171415_20220721T171803_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_20220721T171844_20220721T171925_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220721T173326_20220721T173531_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_20220721T173535_20220721T173837_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_20220721T173840_20220721T173909_E001	Backscatter Error (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_20220721T181647_20220721T181805_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_20220721T182007_20220721T182048_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220721T182558_20220721T182839_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_20220721T190642_20220721T190712_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_20220721T190822_20220721T190842_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_20220721T191346_20220721T192533_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_20220721T195609_20220721T195729_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_20220721T195817_20220721T200013_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220721T200617_20220721T200745_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_20220721T205548_20220721T205923_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_20220721T213558_20220721T213922_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_20220721T214448_20220721T214606_E001	Backscatter Error (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_20220721T222219_20220721T222308_E001	Backscatter Error (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_20220721T223445_20220721T223820_E001	Backscatter Error (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_20220721T231500_20220721T231821_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_20220721T232340_20220721T232503_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