

26/11/2022





1. Overview

Report Production Date:	22-Jan-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

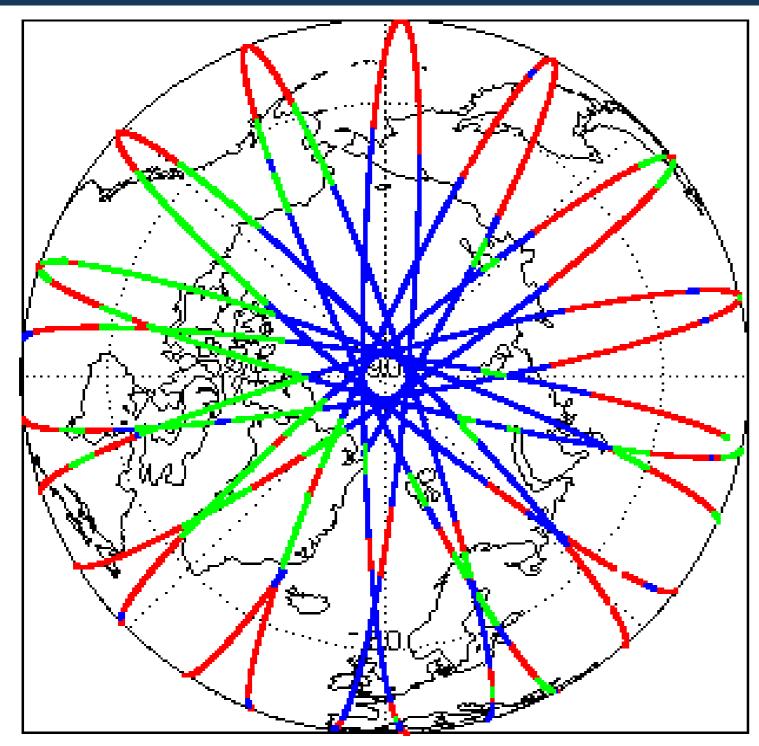
We would love to hear from you!

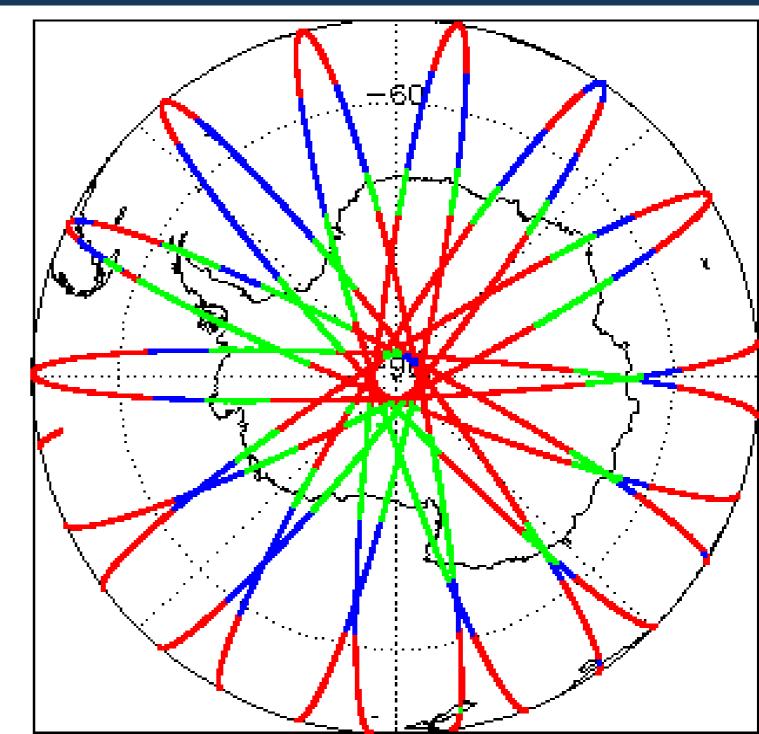
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

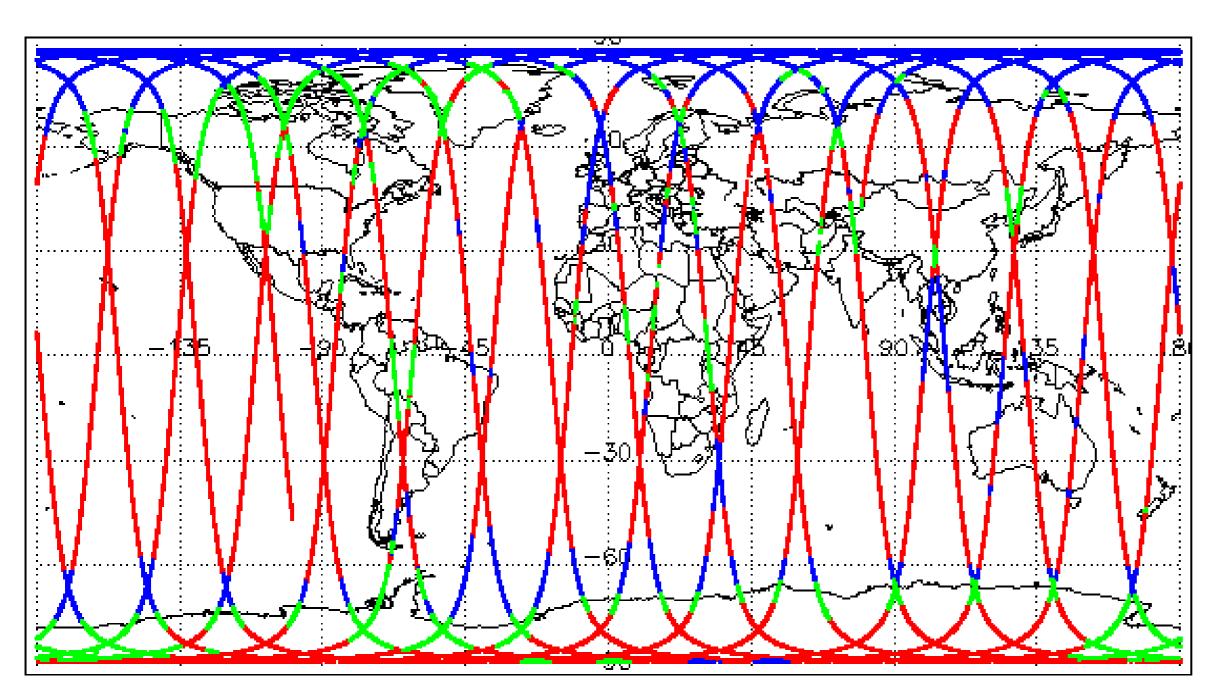
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

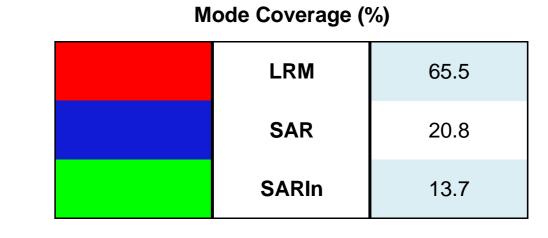
Mission / Instrument News 25-Nov-2022 None 26-Nov-2022 None 27-Nov-2022 Nothing planned

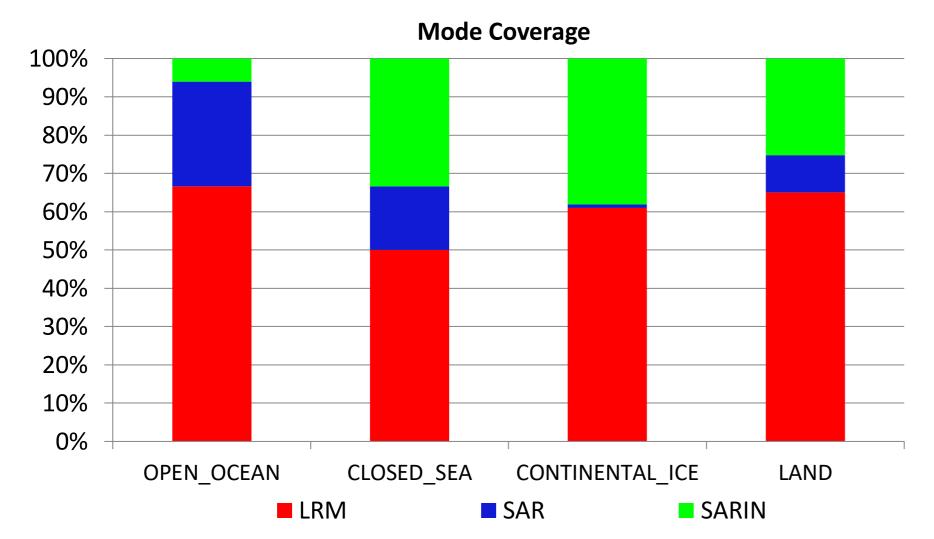
2. Global Coverage

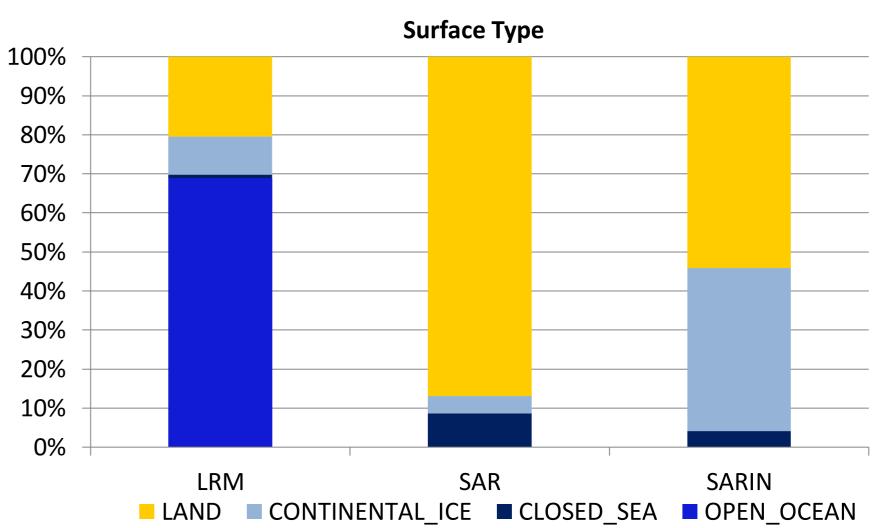












3. Instrument Configuration

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:

4.3 Star Tracker Usage Check

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

0

Number of products with errors:

4.4 L1B Tracking Flags Check

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

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

Number of products with errors: 151

CS_OFF_SIN_LINL_18_20221267305942_2022115700267_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_20221267005942_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_2022127005942_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_2022127005942_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_2022127005942_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_2022127005942_2022115700594_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_2022127005942_2022115700594_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_2022127005922_2022115700594_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_2022127005922_2022115700594_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_2022127005922_2022115700594_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_2022127005922_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_20221105700592_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_20221105700592_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_20221105700592_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_20221105700592_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_20221105700592_2022115700598_E001 Loss of echo The tracking action is missing for one or more secods CS_OFF_SIN_LINL_18_20221105700592_2022115700598_E001 Loss of echo The tracking action is missing for one or more secod	Product	Test Failed	Description
Case of earlier Case of ea	CS_OFFL_SIR_LRM_1B_20221125T235430_20221126T002217_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20221120T00423_20221120T00595 5001 CS_OFFL_SIR_LRM_18_20221120T00595 50021120T00595 5001 CS_OFFL_SIR_LRM_18_20221120T00595 50021120T00595 5002120T0059	CS_OFFL_SIR_LRM_1B_20221126T002504_20221126T002505_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_18_20221120T00012_20221120T00105_E001 CS_OFFL_SR_LRM_18_20221120T0012_20221120T00105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20221120T00105_20221120T001174_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T002052_20221120T001174_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T002052_20221120T002054_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T002052_20221120T002050_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T002052_20221120T002050_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T002052_20221120T002050_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T002052_20221120T002050_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T002052_20221120T002050_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T002052_20221120T002050_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T004052_20221120T004004_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T004040_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T004040_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T004040_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T004040_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T004040_E001 Loss of echo The tracking enth is missing for one or more records CS_OFFL_SR_LRM_18_20221120T004040_E001 Loss of echo The tracking enth is missing for one o	CS_OFFL_SIR_LRM_1B_20221126T002507_20221126T002610_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_IB_20221126T003123_0221126T00313_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T003234_20221128T003244_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T003230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T003230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T003230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T003230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T003230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T003230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T003230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T003230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T00330_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T00343_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T00432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T00432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T00432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T00432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T00432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T00432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T00432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_IB_20221126T004	CS_OFFL_SIR_LRM_1B_20221126T004523_20221126T005043_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIX LPM 18 202211261005344 202211261026204 E001	CS_OFFL_SIR_LRM_1B_20221126T005045_20221126T005059_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LRM_1B_20221126T005423_20221126T007264_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T007278_201_E0072644_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T0072806_20221126T0072806_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T0072806_20221126T0072806_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T0072806_20221126T0072806_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T006382_20221126T00708_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T006382_20221126T00708_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T006382_20221126T00708_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T00638_20221126T00708_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T004180_20221126T004094_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T004180_20221126T004294_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T00638_20221126T004291_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T006476_20221126T006498_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T006476_20221126T006498_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T00604_20221126T006032_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T00604_20221126T006032_E001 Loss of etho The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20221126T00604_20221126T006032_E001 Loss of etho The tracking echo is missing for	CS_OFFL_SIR_LRM_1B_20221126T005123_20221126T005153_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 18 20221128T022324 20221128T022345 EUI1	CS_OFFL_SIR_LRM_1B_20221126T005344_20221126T005421_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 18, 20221126T022718 20221128T023904 E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T022918_21128T029305_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T023905_20221128T029305_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T0403505_20221128T040700_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T040505_20221128T040700_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T040505_20221128T040700_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T041915_20221128T0400_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T041910_20221128T04203_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T041910_20221128T0421918_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T041910_20221128T0421918_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T054749_20221122T0694740_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T054749_20221122T069479_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T054749_20221128T056509_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T055409_20221128T056509_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T056409_20221128T066509_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T056409_20221128T066509_E001 Loss of echo The tracking acho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T056409_20221128T06151_E001 Loss of echo The trackin	CS_OFFL_SIR_LRM_1B_20221126T005423_20221126T011754_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20221126T022930_20221126T02390_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T022936_20221126T02390_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T030536_20221126T030596_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T040739_20221126T040939_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T040739_20221126T040939_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T040739_20221126T040939_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T040739_20221126T040300_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T042030_20221126T042304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T04230_20221126T062880_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T04230_20221126T062880_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T064673_20221126T063808_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T06473_20221126T06509_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T06409_20221126T065631_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T06240_20221126T065631_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T06240_20221126T065631_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T06240_20221126T06410_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T06240_20221126T06410_E001 Lo	CS_OFFL_SIR_LRM_1B_20221126T022324_20221126T022644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_202211267023595_202211267024505_E001	CS_OFFL_SIR_LRM_1B_20221126T022718_20221126T022904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20221126704556 202211267040705_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202211267040558 202211267040705_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202211267040535 202211267040934_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202211267040355 202211267040308_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202211267041355 202211267041300 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126704130_E00211267042034_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126704205_202211267042151_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202211267064735_202211267054203_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202211267064735_202211267054749_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202211267054745_202211267054749_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126705503_20221126705599_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126705504_20221126705599_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126705504_20221126705599_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126705504_20221126705591_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126705504_20221126705591_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202211267063504_202211267056151 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126706353_202211267070718_E001 Loss of echo The tracking	CS_OFFL_SIR_LRM_1B_20221126T022906_20221126T022930_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T030705_E001	CS_OFFL_SIR_LRM_1B_20221126T022935_20221126T023654_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20221126T04036_20221128T040834_E001	CS_OFFL_SIR_LRM_1B_20221126T023659_20221126T024800_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T040743_20221126T040834_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T041155_20221126T041300_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T041361_20221126T041301_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T042036_20221126T042151_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T054745 20221126T054749 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T054745 20221126T054749 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T054745 20221126T054749 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T05501 20221126T055691_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T05501 20221126T055515_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T055649 20221126T055691_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T05240_20221126T056501_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T06240_20221126T065501_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070617_20221126T070536 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070617_20221126T070634_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070617_20221126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T07070617_2021126T0	CS_OFFL_SIR_LRM_1B_20221126T030117_20221126T030705_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 18 20221126T041155 20221126T042034 E001 Loss of ocho The tracking ocho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T042036_20221126T042031 E001 Loss of echo The tracking ocho is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T05657_20221126T056289_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T0564745_20221126T056289_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T0564749_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T054751_20221126T054918_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T056503_20221126T056508 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T056504_20221126T055513 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T056604_20221126T056532_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T066240_20221126T066501_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T066240_20221126T0662501_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T070638_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T070638_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T070637_20221126T070634_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T070677_20221126T070721_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T0707271_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T0707271_E001 Loss of echo The tracking echo is missing for one or more record	CS_OFFL_SIR_LRM_1B_20221126T040536_20221126T040709_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 18_20221126T04810_20221126T042034_E001	CS_OFFL_SIR_LRM_1B_20221126T040743_20221126T040834_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 18 20221126T042036 20221126T042151 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T0561657_20221126T054749_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T054745_20221126T054918_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T055033_20221126T055099_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T055101_20221126T055513_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T05504_20221126T055632_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T055640_20221126T055632_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T055640_20221126T055632_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T055640_20221126T056311_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T063230_20221126T070536_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T070388_20221126T070612_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T070617_20221126T0707634_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T070637_20221126T070718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T070614_20221126T070721_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T080141_20221126T0708364_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T080141_20221126T086365_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221126T08136_20221126T088365_E001 Loss of echo The trac	CS_OFFL_SIR_LRM_1B_20221126T041155_20221126T041300_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T051657_20221126T052829_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T054745_20221126T055959_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T055033_20221126T055591_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T0556101_20221126T055513_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T055604_20221126T055632_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T055604_20221126T0655613_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T055604_20221126T062501 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T062240_20221126T062501 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070538_20221126T070536_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070538_20221126T070612_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070637_20221126T070624_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070637_20221126T070634_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070637_20221126T070718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070414_20221126T070718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070414_20221126T070718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T080414_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 tr	CS_OFFL_SIR_LRM_1B_20221126T041810_20221126T042034_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T054745_20221126T054749_E001	CS_OFFL_SIR_LRM_1B_20221126T042036_20221126T042151_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T054751_20221126T055059_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T055033_20221126T055059_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T05504_20221126T055513_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T055604_20221126T056532_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T056049_20221126T061511_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T062240_20221126T062501_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070538_20221126T070536_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070538_20221126T070612_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070617_20221126T070634_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070637_20221126T070718_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070721_20221126T070721_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T070721_20221126T070721_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T080214_20221126T080914_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T080550_20221126T080914_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T084138_20221126T084384_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221126T084383_20221126T084385_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 miss	CS_OFFL_SIR_LRM_1B_20221126T051657_20221126T052829_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221126T084321_20221126T084352_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T084357_20221126T084440_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T084445_20221126T084818_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T090030_20221126T091716_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T092100_20221126T092129_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T092157_20221126T092206_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T092210_20221126T092309_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T092311_20221126T092324_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T092328_20221126T092351_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T092353_20221126T093015_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T094041_20221126T094334_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T101354_20221126T101509_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T101624_20221126T101720_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T101723_20221126T101730_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T101732_20221126T101740_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T101742_20221126T101818_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T101821_20221126T102034_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T102038_20221126T102105_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T102107_20221126T102113_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T102115_20221126T102129_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T102156_20221126T102413_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T102415_20221126T102504_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T102507_20221126T102546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T102548_20221126T102810_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T104333_20221126T104923_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T105207_20221126T111512_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T111846_20221126T112718_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T113044_20221126T115514_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T115903_20221126T120000_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T120006_20221126T120335_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T122041_20221126T122400_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T122403_20221126T122439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T122640_20221126T122711_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T122715_20221126T125405_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T131009_20221126T133555_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T133557_20221126T133604_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T133609_20221126T133829_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T133917_20221126T134058_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T134132_20221126T134406_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T145847_20221126T150249_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T150623_20221126T150639_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T150818_20221126T151403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T151657_20221126T151710_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T151720_20221126T151728_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T151751_20221126T151921_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T151921_20221126T152058_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T163005_20221126T164549_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T164832_20221126T165449_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T165612_20221126T165622_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T165635_20221126T165817_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T171639_20221126T174622_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T174633_20221126T175117_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T175926_20221126T180340_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T185438_20221126T185502_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T185507_20221126T185511_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T185515_20221126T185517_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T185520_20221126T185527_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T185529_20221126T185545_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T185548_20221126T185620_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T185623_20221126T190043_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T191334_20221126T191831_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T191859_20221126T192409_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T192430_20221126T193036_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T194929_20221126T200154_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20221126T203332_20221126T203353_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203355_20221126T203424_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203427_20221126T203429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203432_20221126T203448_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203451_20221126T203500_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203506_20221126T203620_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203622_20221126T203635_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203638_20221126T203647_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203650_20221126T203651_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203655_20221126T203705_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203710_20221126T203728_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203732_20221126T203742_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203744_20221126T203747_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203749_20221126T203755_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T203757_20221126T203920_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T204211_20221126T205253_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T213137_20221126T213527_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T213530_20221126T213533_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T213537_20221126T213601_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T213605_20221126T213649_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T213652_20221126T213734_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T214322_20221126T214335_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T214342_20221126T215619_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T215742_20221126T215949_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T221217_20221126T221635_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T221638_20221126T221648_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T221650_20221126T221652_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T221654_20221126T221721_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T221758_20221126T221758_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T221802_20221126T221807_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T221811_20221126T221817_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T221821_20221126T221822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T221824_20221126T222146_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T222148_20221126T222219_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T222221_20221126T222233_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T222236_20221126T222245_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T222247_20221126T222328_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T222330_20221126T222333_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T222335_20221126T222336_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T222447_20221126T222558_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T225710_20221126T225828_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T230352_20221126T232616_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T232619_20221126T232952_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T233217_20221126T233739_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T233903_20221126T233950_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221126T235158_20221126T235846_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

0

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS OFFI SID LDM 4D 20224426T222247 20224426T222220 F004	TECHO ERROR TRK ECHO ERROR	The tracking echo has returned an error and the Rx1 Echo Error flag is set,
CS_OFFL_SIR_LRM_1B_20221126T222247_20221126T222328_E001		indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

0

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

0

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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.

Test Failed

Description

Number of products with errors:

Product

Product	l est Falled	Description
CS_OFFL_SIR_SAR_220221126T011754_20221126T011939_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T013130_20221126T013413_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T021905_20221126T022324_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T024801_20221126T025307_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T025700_20221126T025952_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T031020_20221126T031445_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T034742_20221126T034751_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T035652_20221126T035942_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T040152_20221126T040536_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T040834_20221126T041155_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T042356_20221126T042446_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T043511_20221126T043920_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T044902_20221126T045254_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T051413_20221126T051657_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T053552_20221126T053805_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T054020_20221126T054745_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T054918_20221126T055033_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T061511_20221126T061939_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T063019_20221126T063230_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T072008_20221126T072045_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T073952_20221126T074014_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T075309_20221126T075939_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T081044_20221126T081136_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T082636_20221126T082838_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T093015_20221126T093113_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T093116_20221126T093245_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T093338_20221126T093341_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T094959_20221126T095104_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220221126T100505_20221126T101006_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T101006_20221126T101255_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T101257_20221126T101354_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T102139_20221126T102156_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221126T103637_20221126T103713_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_220221126T103858_20221126T103913_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_220221126T103948_20221126T104036_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T104923_20221126T105044_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T111513_20221126T111657_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T112910_20221126T113043_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T120000_20221126T120006_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T125405_20221126T125636_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T130807_20221126T131009_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T133829_20221126T133917_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T134406_20221126T134535_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221126T143200_20221126T143624_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_220221126T144715_20221126T144929_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_220221126T145340_20221126T145847_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_220221126T151403_20221126T151513_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_220221126T151710_20221126T151719_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T152058_20221126T152204_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T152326_20221126T152403_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T152602_20221126T152644_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T153702_20221126T153714_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T153715_20221126T153726_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T161211_20221126T161602_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T162553_20221126T163005_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T165449_20221126T165611_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T165818_20221126T165918_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221126T165918_20221126T170406_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_220221126T170514_20221126T170658_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_220221126T170741_20221126T171639_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_220221126T175117_20221126T175319_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_220221126T175919_20221126T175926_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_220221126T180449_20221126T180834_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T183308_20221126T183437_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T184210_20221126T184241_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T190043_20221126T190111_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T191155_20221126T191320_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T191320_20221126T191334_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T191831_20221126T191859_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T192409_20221126T192429_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T193037_20221126T193127_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221126T193819_20221126T193825_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_220221126T193832_20221126T193838_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_220221126T194235_20221126T194928_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_220221126T200154_20221126T200324_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_220221126T201256_20221126T201349_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_220221126T205253_20221126T205758_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T210306_20221126T210330_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220221126T210947_20221126T211040_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T211719_20221126T211724_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T211731_20221126T211737_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T212152_20221126T212319_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T212529_20221126T212537_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T212956_20221126T213137_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T215949_20221126T220001_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T220040_20221126T220054_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T221721_20221126T221723_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T221728_20221126T221751_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T221753_20221126T221755_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T222559_20221126T222648_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T222650_20221126T223352_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T224828_20221126T225001_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T230153_20221126T230352_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221126T232953_20221126T233217_E001	Snow depth model	There is an error 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_220221126T044559_20221126T044901_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221126T061939_20221126T062240_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221126T062502_20221126T063018_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221126T075939_20221126T080213_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221126T093440_20221126T094040_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221126T143624_20221126T144013_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221126T161602_20221126T161918_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221126T194051_20221126T194235_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221126T211913_20221126T212151_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221126T225829_20221126T230152_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

There is an error with the Snow Depth value, where 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: 236

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220221125T235430_20221126T002217_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_220221126T005423_20221126T011754_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_220221126T013414_20221126T020655_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_220221126T022906_20221126T022930_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221126T022935_20221126T023654_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_220221126T023659_20221126T024800_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_220221126T031445_20221126T034639_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_220221126T035943_20221126T040047_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_220221126T040743_20221126T040834_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_220221126T042208_20221126T042355_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_220221126T045254_20221126T051413_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_220221126T051657_20221126T052829_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_220221126T053805_20221126T054020_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_220221126T055649_20221126T061511_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_220221126T063230_20221126T070536_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_220221126T072045_20221126T073952_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_220221126T074014_20221126T075309_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_220221126T081136_20221126T082635_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_220221126T082838_20221126T083804_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_220221126T090030_20221126T091716_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_220221126T092353_20221126T093015_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221126T101624_20221126T101720_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221126T101742_20221126T101818_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221126T102115_20221126T102129_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221126T102156_20221126T102413_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221126T104036_20221126T104210_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_220221126T104333_20221126T104923_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_220221126T105207_20221126T111512_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_220221126T113044_20221126T115514_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_220221126T120457_20221126T120518_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_220221126T122715_20221126T125405_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_220221126T131009_20221126T133555_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_220221126T134535_20221126T134709_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_220221126T140140_20221126T143200_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_220221126T150818_20221126T151403_E001	,	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220221126T152501_20221126T152601_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221126T153904_20221126T161211_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_220221126T163005_20221126T164549_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_220221126T164832_20221126T165449_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_220221126T171639_20221126T174622_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_220221126T174633_20221126T175117_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_220221126T180834_20221126T183307_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_220221126T185623_20221126T190043_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_220221126T190111_20221126T191155_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_220221126T191334_20221126T191831_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_220221126T191859_20221126T192409_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_220221126T192430_20221126T193036_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_220221126T194929_20221126T200154_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_220221126T200324_20221126T201256_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_220221126T204211_20221126T205253_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_220221126T205758_20221126T210306_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_220221126T212538_20221126T212956_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_220221126T214342_20221126T215619_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_220221126T215742_20221126T215949_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_220221126T222247_20221126T222328_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221126T223352_20221126T224828_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_220221126T230352_20221126T232616_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_220221126T232619_20221126T232952_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_220221126T003346_20221126T004338_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T011754_20221126T011939_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T013130_20221126T013413_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T021056_20221126T021829_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T021905_20221126T022324_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T024801_20221126T025307_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T025700_20221126T025952_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T031020_20221126T031445_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T035002_20221126T035652_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T035652_20221126T035942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T040152_20221126T040536_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T040834_20221126T041155_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T042356_20221126T042446_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T043511_20221126T043920_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T044902_20221126T045254_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T051413_20221126T051657_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T052831_20221126T053552_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T053552_20221126T053805_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T054020_20221126T054745_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220221126T054918_20221126T055033_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T061511_20221126T061939_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T063019_20221126T063230_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T070844_20221126T070930_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T071020_20221126T071448_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T071448_20221126T071600_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T072008_20221126T072045_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T073952_20221126T074014_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T075309_20221126T075939_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T081044_20221126T081136_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T082636_20221126T082838_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T084818_20221126T085253_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T085253_20221126T085452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T093015_20221126T093113_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T093116_20221126T093245_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T093338_20221126T093341_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T094959_20221126T095104_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T100505_20221126T101006_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T101006_20221126T101255_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T102810_20221126T103416_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T103637_20221126T103713_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T103858_20221126T103913_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T103948_20221126T104036_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T104923_20221126T105044_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T111513_20221126T111657_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T112910_20221126T113043_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T120518_20221126T120527_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T120527_20221126T120800_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T120819_20221126T120915_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T120939_20221126T121352_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T125405_20221126T125636_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T130807_20221126T131009_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T134406_20221126T134535_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T134710_20221126T135435_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220221126T143200_20221126T143624_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T144715_20221126T144929_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T145340_20221126T145847_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T151403_20221126T151513_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T152058_20221126T152204_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T152326_20221126T152403_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T152602_20221126T152644_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T152738_20221126T153525_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T161211_20221126T161602_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T162553_20221126T163005_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T165449_20221126T165611_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T165818_20221126T165918_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T165918_20221126T170406_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T170514_20221126T170658_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T170741_20221126T171639_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T175117_20221126T175319_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T180449_20221126T180834_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T183308_20221126T183437_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T184210_20221126T184241_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T184713_20221126T185438_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T190043_20221126T190111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T191155_20221126T191320_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T191320_20221126T191334_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T191831_20221126T191859_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T192409_20221126T192429_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T193037_20221126T193127_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T194235_20221126T194928_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T200154_20221126T200324_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T201256_20221126T201349_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T202625_20221126T203145_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T203214_20221126T203326_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T205253_20221126T205758_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T210306_20221126T210330_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T210947_20221126T211040_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220221126T212152_20221126T212319_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T212529_20221126T212537_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T212956_20221126T213137_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T215949_20221126T220001_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T220040_20221126T220054_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T220518_20221126T220855_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T220855_20221126T221217_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T222650_20221126T223352_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T224828_20221126T225001_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T230153_20221126T230352_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221126T234341_20221126T234853_E001	Backscatter Error (Retracker 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_20221126T234926_20221126T235158_E001	Backscatter Error (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_220221126T002217_20221126T002503_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_220221126T002611_20221126T003346_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_220221126T005153_20221126T005203_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_220221126T005250_20221126T005344_E001		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_220221126T011939_20221126T012116_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_220221126T012630_20221126T012637_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221126T013024_20221126T013130_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_220221126T020656_20221126T021056_E001	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_220221126T021830_20221126T021904_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_220221126T025952_20221126T030117_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_220221126T030705_20221126T030719_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221126T030907_20221126T031020_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_220221126T034640_20221126T034742_E001	Backscatter Error (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_220221126T034751_20221126T035002_E001	Backscatter Error (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_220221126T040047_20221126T040134_E001	Backscatter Error (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_220221126T042151_20221126T042208_E001	Backscatter Error (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_220221126T043921_20221126T044046_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_220221126T044559_20221126T044901_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_220221126T061939_20221126T062240_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
		There is a backer of the power for Detrocker O and O and on each inverse on all
CS_OFFL_SIR_SIN_220221126T062502_20221126T063018_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_220221126T075939_20221126T080213_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
	track Angle Error	was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220221126T080411_20221126T080550_E001	SARIn X-track Angle Error Backscatter Error (Retracker 2),	records
CS_OFFL_SIR_SIN_220221126T080914_20221126T081044_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_220221126T083804_20221126T084139_E001	Backscatter Error (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_220221126T085452_20221126T085606_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_220221126T085755_20221126T090029_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_220221126T093245_20221126T093338_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_220221126T093440_20221126T094040_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2)	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221126T094816_20221126T094959_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_220221126T101509_20221126T101624_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_220221126T103417_20221126T103636_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220221126T103713_20221126T103858_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220221126T103913_20221126T103948_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_220221126T104210_20221126T104333_E001	Backscatter Error (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_220221126T105044_20221126T105207_E001	Backscatter Error (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_220221126T111657_20221126T111846_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_220221126T112718_20221126T112910_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_220221126T115515_20221126T115903_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_220221126T120800_20221126T120818_E001	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_220221126T120916_20221126T120939_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_220221126T121352_20221126T121832_E001	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_220221126T125636_20221126T125813_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_220221126T125939_20221126T130100_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221126T130518_20221126T130807_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_220221126T135435_20221126T140139_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_220221126T143624_20221126T144013_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_220221126T144559_20221126T144714_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_220221126T151514_20221126T151657_E001	Backscatter Error (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_220221126T152204_20221126T152326_E001	Backscatter Error (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_220221126T152415_20221126T152501_E001	Backscatter Error (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_220221126T152644_20221126T152738_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_220221126T153525_20221126T153646_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

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CS_OFFL_SIR_SIN_220221126T153726_20221126T153903_E001	track Angle Error Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220221126T161602_20221126T161918_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_220221126T162431_20221126T162552_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_220221126T164549_20221126T164831_E001	Backscatter Error (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_220221126T170658_20221126T170741_E001	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_220221126T175319_20221126T175725_E001	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_220221126T180340_20221126T180449_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_220221126T184241_20221126T184500_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_220221126T184554_20221126T184713_E001	TRACKSCATTER ETROF (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_220221126T193128_20221126T193256_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_220221126T194051_20221126T194235_E001	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_220221126T202025_20221126T202431_E001	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_220221126T202502_20221126T202625_E001	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_220221126T203146_20221126T203214_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_220221126T203924_20221126T204210_E001	Backscatter Error (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_220221126T211040_20221126T211223_E001	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_220221126T211913_20221126T212151_E001	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_220221126T212319_20221126T212529_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_220221126T220001_20221126T220039_E001	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_220221126T220054_20221126T220518_E001	itrack Angle Error Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220221126T225002_20221126T225201_E001	TRACKSCATTER FIRM (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_220221126T225704_20221126T225710_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221126T225829_20221126T230152_E001	TRACKSCATTER ETROF (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_220221126T233951_20221126T234341_E001	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_220221126T234854_20221126T234926_E001	mack Anole Ellor Sunace model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220221126T235847_20221127T000021_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