

28/09/2021



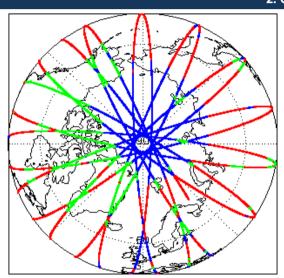
1. Overview

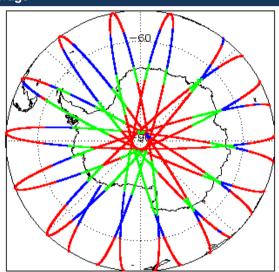
Report Production Date:	29-Oct-2021
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

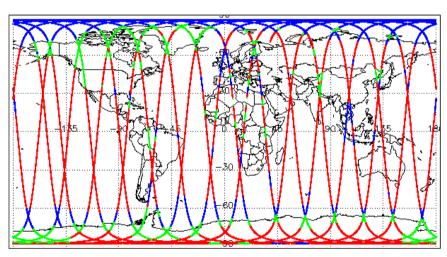
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

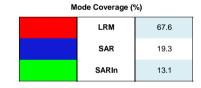
Mission / Instrument News		
27-Sep-2021	None	
28-Sep-2021	None	
29-Sep-2021	Nothing planned	

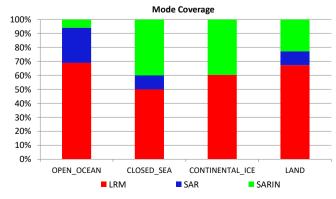
2. Global Coverage

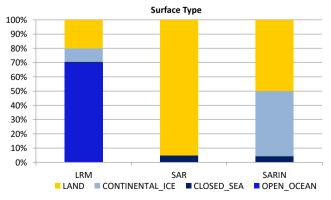












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

0

4.3 Star Tracker Usage Check

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

Number of products with errors:

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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:

83

CS, OFFL, SR, LRM, 19, 2021 (0027070505), 2001 (002700500), EXOT CS, OFFL, SR, LRM, 19, 2021 (0027070500), 2001 (002700500), EXOT CS, OFFL, SR, LRM, 19, 2021 (0027070500), 2001 (002700500), EXOT CS, OFFL, SR, LRM, 19, 2021 (0027070500), 2001 (002700500), EXOT CS, OFFL, SR, LRM, 19, 2021 (0027070500), 2001 (002700500), EXOT CS, OFFL, SR, LRM, 19, 2021 (0027070500), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (0027070500), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (0027070500), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (0027070500), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705050), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705050), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705050), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705050), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705050), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705050), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705050), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705070), 2001 (0027070500), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705070), 2001 (00270705050), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705070), 2001 (00270705050), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705070), 2001 (00270705050), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705070), 2001 (00270705050), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705071), 2001 (00270705050), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705071), 2001 (00270705050), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705071), 2001 (00270705071), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705071), 2001 (00270705071), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705071), 2001 (00270705071), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705071), 2001 (00270705071), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705071), 2001 (00270705071), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705071), 2001 (00270705071), EXOT CS, OFFL, SR, LRM, 19, 2021 (00270705071), 2001 (00270705071), EXOT CS, OFF	Product	Test Failed	Description
CS_OFF_L SR_LRM_1B_20210028T004500_2010245 D01045 D	CS_OFFL_SIR_LRM_1B_20210928T005015_20210928T005057_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_LSR_LRM_1B_20210928T010531_200210028T010534_E001 CS_OFF_LSR_LRM_1B_20210928T010534_200210928T010534_E001 CS_OFF_LSR_LRM_1B_20210928T010534_200210928T010534_E001 CS_OFF_LSR_LRM_1B_20210928T010534_200210928T010534_E001 CS_OFF_LSR_LRM_1B_20210928T010534_200210928T010534_E001 CS_OFF_LSR_LRM_1B_20210928T010534_200210928T01354_E001 CS_OFF_LSR_LRM_1B_20210928T010534_200210928T01354_E001 CS_OFF_LSR_LRM_1B_20210928T010534_200210928T0125635_E001 CS_OFF_LSR_LRM_1B_20210928T002556_200210928T025635_E001 CS_OFF_LSR_LRM_1B_20210928T002565_200210928T002563_E001 CS_OFF_LSR_LRM_1B_20210928T002565_200210928T002563_E001 CS_OFF_LSR_LRM_1B_20210928T002565_200210928T002563_E001 CS_OFF_LSR_LRM_1B_20210928T002565_2001 CS_OFF_LSR_LRM_1B_20210928T002565_2001 CS_OFF_LSR_LRM_1B_20210928T002565_E001 CS_OFF_LSR_LRM_1B_20210928T002565_E001 CS_OFF_LSR_LRM_1B_20210928T002560_20010928T002505_E001 CS_OFF_LSR_LRM_1B_20210928T002505_E001 CS_OFF_LSR_LRM_1B_20210928T002505_E001 CS_OFF_LSR_LRM_1B_20210928T002505_E001 CS_OFF_LSR_LRM_1B_20210928T002505_E001 CS_OFF_LSR_LRM_1B_20210928T002505_E001 CS_OFF_LSR_LRM_1B_20210928T002505_E001 CS_OFF_LSR_LRM_1B_20210928T002506_2001 CS_OFF_LSR_LRM_1B_20210928T002506_2001 CS_OFF_LSR_LRM_1B_20210928T002506_2001 CS_OFF_LSR_LRM_1B_20210928T002506_2001 CS_OFF_LSR_LRM_1B_20210928T002506_2001 CS_OFF_LSR_LRM_1B_20210928T002506_2001 CS_OFF_LSR_LRM_1B_20210928T002506_2001 CS_OFF_LSR_LRM_1B_20210928T002506_2001 CS_OFF_LSR_LRM_1B_20210928T002506_2001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T002506_E001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T002506_E001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T002506_E001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T002506_E001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T002506_E001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T002506_E001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T002506_E001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T002506_E001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T002506_E001 CS_OFF_LSR_LRM_1B_20210928T002506_20010928T	CS_OFFL_SIR_LRM_1B_20210928T005355_20210928T005658_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_18_20210028T010709_20210928T01083_E001 CS_OFFL_SR_LRM_18_20210028T01083_20210028T01083_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T02085_20210028T01348_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T02085_20210028T023282_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T020365_20210028T023282_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T02365_20210028T023695_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T02365_20210028T02359_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T024007_20210028T02459_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T024007_20210028T02459_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T034500_20210028T02525_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T034510_20210028T035500_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T03513_20210028T0351050_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T045114_20210028T045115_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T05114_20210028T045105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T045100_2010028T005100_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T045100_2010028T005100_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20210028T045000_2010028T005100_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_2021	CS_OFFL_SIR_LRM_1B_20210928T005709_20210928T005800_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL, SIR, LRM, 18, 202109281010832, 202109281010832, E0011 CS, OFFL, SIR, LRM, 18, 202109281003058, 20210928101348, E0011 CS, OFFL, SIR, LRM, 18, 202109281003058, 20210928101348, E0011 CS, OFFL, SIR, LRM, 18, 202109281003058, 202109281032430, E0011 CS, OFFL, SIR, LRM, 18, 202109281023405, 20210928103430, E0011 CS, OFFL, SIR, LRM, 18, 202109281024307, 202109281024330, E0011 CS, OFFL, SIR, LRM, 18, 202109281024007, 20210928102430, E0011 CS, OFFL, SIR, LRM, 18, 202109281024007, 20210928103430, E0011 CS, OFFL, SIR, LRM, 18, 20210928103410, 20210928103430, E0011 CS, OFFL, SIR, LRM, 18, 20210928103410, 202109281035922, E0011 CS, OFFL, SIR, LRM, 18, 202109281034514, 202109281035923, E0011 CS, OFFL, SIR, LRM, 18, 2021092810354514, 202109281035923, E0011 CS, OFFL, SIR, LRM, 18, 202109281035107, 202109281053503, E0011 CS, OFFL, SIR, LRM, 18, 202109281035107, 202109281053503, E0011 CS, OFFL, SIR, LRM, 18, 202109281053107, 202109281053503, E0011 CS, OFFL, SIR, LRM, 18, 202109281053107, 202109281053503, E0011 CS, OFFL, SIR, LRM, 18, 202109281053100, 202109281053030, E0011 CS, OFFL, SIR, LRM, 18, 202109281050501, 202109281053030, E0011 CS, OFFL, SIR, LRM, 18, 202109281050501, 202109281053030, E0011 CS, OFFL, SIR, LRM, 18, 202109281050500, 202109281053030, E0011 CS, OFFL, SIR, LRM, 18, 202109281070500,	CS_OFFL_SIR_LRM_1B_20210928T010341_20210928T010524_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL, SIR, LRM, 18, 20210928T010834_20210928T011346_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T020355, 20210928T021346_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T020355, 20210928T023626_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T020355, 20210928T024356_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T02400, 20210928T024356_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T02400, 20210928T024356_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T024350, 20210928T024356_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T024514, 20210928T034572_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T034514, 20210928T034572_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T034514, 20210928T034572_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T034514, 20210928T034709_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T034303, 20210928T03709_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T003403, 20210928T03709_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T0030901, 20210928T00312_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T00309001, 20210928T00312_E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210928T003250, 20210928T003260_E001 Loss of exho The tracking exho is mis	CS_OFFL_SIR_LRM_1B_20210928T010709_20210928T010829_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL_SRL_EM_IB_20210928T01037_20210928T0248B_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T02385_20210928T02388_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T02385_20210928T02380_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T02460_20210928T02380_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T02460_20210928T02380_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T02460_20210928T02380_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T02450_20210928T02450_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T024514_20210928T043712_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T04514_20210928T0451715_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T05477_20210928T045830_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T05477_20210928T045830_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T05510_20210928T05470_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T05500_20210928T064030_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T05500_20210928T064030_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T0690500_20210928T064030_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T076980_20210928T064030_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL_SRL_EM_IB_20210928T076980_20210928T064930_E001 Loss of	CS_OFFL_SIR_LRM_1B_20210928T010832_20210928T010832_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_202109287020558_202109287023128_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287023457_20210928702308_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287024007_20210928702458_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287024607_20210928702505.E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287024607_20210928703505.E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2021092870348_20210928703504_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287054114_202109287045310_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928706419_202109287054793_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928706419_202109287053709_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287063103_20210928706313_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287063103_202109287060133_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287063103_202109287060133_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287065103_202109287060133_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287065103_202109287064133_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928706320_2021092870648_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928706320_202109287070464_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202109287070430_20210928707044_E001 Loss of echo The tracking echo is missing for one or	CS_OFFL_SIR_LRM_1B_20210928T010834_20210928T010954_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL, SIR LRM, 18, 20210928T023652, 20210928T024095, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T024092, 20210928T024395, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T024002, 20210928T024305, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T03130, 20210928T035400, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T03140, 20210928T03723, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T04411, 20210928T045171, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T054171, 20210928T054331, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T054171, 20210928T052838, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T055100, 20210928T05478, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T055100, 20210928T05779, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T05100, 20210928T051033, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T061033, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T061032, 20210928T061218, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T070690, 20210928T070648, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T070649, 20210928T070648, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR LRM, 18, 20210928T070649, 20210928T070645, E001 Loss of echo The tracking echo is missing for one or more records CS, OF	CS_OFFL_SIR_LRM_1B_20210928T011037_20210928T011348_E001	Loss of echo	The tracking echo is missing for one or more records
CS. OFFL. SIR. LRM. 18. 20210928T024057. 20210928T02405. E001 CS. OFFL. SIR. LRM. 18. 20210928T024000. 20210928T024059. E001 CS. OFFL. SIR. LRM. 18. 20210928T024000. 20210928T02505. E001 CS. OFFL. SIR. LRM. 18. 20210928T032130. 20210928T035040. E001 CS. OFFL. SIR. LRM. 18. 20210928T035145. 20210928T035723. E001 CS. OFFL. SIR. LRM. 18. 20210928T035145. 20210928T035723. E001 CS. OFFL. SIR. LRM. 18. 20210928T035145. 20210928T035723. E001 CS. OFFL. SIR. LRM. 18. 20210928T035145. 20210928T035735. E001 CS. OFFL. SIR. LRM. 18. 20210928T051175. E001 CS. OFFL. SIR. LRM. 18. 20210928T051715. E001 CS. OFFL. SIR. LRM. 18. 20210928T051715. E001 CS. OFFL. SIR. LRM. 18. 20210928T051717. 20210928T052835. E001 CS. OFFL. SIR. LRM. 18. 20210928T051031. 20210928T052835. E001 CS. OFFL. SIR. LRM. 18. 20210928T055103. 20210928T0506015. E001 CS. OFFL. SIR. LRM. 18. 20210928T055109. 20210928T0506155. E001 CS. OFFL. SIR. LRM. 18. 20210928T0505010. 20210928T0506155. E001 CS. OFFL. SIR. LRM. 18. 20210928T050909. 20210928T060130. E001 CS. OFFL. SIR. LRM. 18. 20210928T061090. 20210928T061030. E001 CS. OFFL. SIR. LRM. 18. 20210928T061090. 20210928T061800. E001 CS. OFFL. SIR. LRM. 18. 20210928T061092. 20210928T061800. E001 CS. OFFL. SIR. LRM. 18. 20210928T061092. 20210928T061800. E001 CS. OFFL. SIR. LRM. 18. 20210928T061092. 20210928T061800. E001 CS. OFFL. SIR. LRM. 18. 20210928T070982. 20210928T070845. E001 CS. OFFL. SIR. LRM. 18. 20210928T070985. 202109	CS_OFFL_SIR_LRM_1B_20210928T020558_20210928T021724_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T024007_20210928T025055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T024002_20210928T036504_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T035145_20210928T036732_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T05114_20210928T05732_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T05114_20210928T051715_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T051717_20210928T052835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T051717_20210928T052835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T051717_20210928T052835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T05010_20210928T060105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T060901_20210928T060105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T060901_20210928T060105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T060901_20210928T060105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0700392_20210928T070084_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070084_20210928T070084_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070084_20210928T070084_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T070084_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T07084	CS_OFFL_SIR_LRM_1B_20210928T023645_20210928T023828_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T0324800_20210928T035705_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T035145_20210928T035705_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T045114_20210928T045310_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0541914_20210928T054715_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T054192_20210928T054715_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T054192_20210928T05408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T055010_20210928T056010_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0505010_20210928T056103_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T061035_20210928T061033_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T061035_20210928T061218_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T061205_20210928T061230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070252_20210928T061203_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070252_20210928T070346_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070352_20210928T07356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070352_20210928T073456_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070353_20210928T073331_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070455_20210928T0	CS_OFFL_SIR_LRM_1B_20210928T023857_20210928T024005_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_202109287034130_20210928705401_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928705411_202109287045311_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928705419_202109287054315_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928705419_202109287054315_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928705419_202109287052835_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287055103_20210928706615_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287055010_2021092870661033_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287060901_2021092870661033_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287060901_202109287061033_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287060901_202109287061033_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928706250_202109287061210_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287070252_202109287070964_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287070252_202109287070964_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287070252_202109287070964_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287070552_202109287070964_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287070842_202109287070842_E001 Loss of eche The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202109287070842_202109287070842_	CS_OFFL_SIR_LRM_1B_20210928T024007_20210928T024359_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20210928T05419_20210928T075175_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T05419_20210928T054175_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T054179_20210928T052835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T055103_20210928T053709_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T055103_20210928T06515_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T05010_20210928T066135_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T061035_20210928T061213_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T061035_20210928T061201_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T061202_20210928T061303_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T070552_20210928T076323_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T070552_20210928T076448_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T070552_20210928T076455_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T070552_20210928T07655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T073231_20210928T073821_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T074104_20210928T073821_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T073231_20210928T074356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210928T074104_20210928T074355_E001 Loss of echo The tracking echo is missing f	CS_OFFL_SIR_LRM_1B_20210928T024600_20210928T025205_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20210928T064514_20210928T054715_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T054717_20210928T054708_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T053103_20210928T054708_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T055010_20210928T056008_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T060091_20210928T06103_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T060091_20210928T06183_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T06120_20210928T06180_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T070552_0210928T06180_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T070252_0210928T070846_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T070849_20210928T070846_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T070854_20210928T070846_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T070855_20210928T073108_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T074353_20210928T073486_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T074359_20210928T074356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T0744104_20210928T074356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T074359_20210928T08435_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T06410_20210928T084355_E00	CS_OFFL_SIR_LRM_1B_20210928T032130_20210928T035040_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20210928T0330_20210928T052835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T0330_20210928T052835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T056010_20210928T056015_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T060901_20210928T06105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T061035_20210928T061031_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T061035_20210928T061030_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T070255_20210928T06100_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T070255_20210928T070846_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T070854_20210928T070846_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T070856_20210928T071685_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T073231_20210928T073381_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T073231_20210928T073385_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T073331_20210928T073456_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T074359_20210928T084385_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T074359_20210928T084385_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210928T08435_20210928T08435_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T035145_20210928T035723_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T051717_20210928T056835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T056910_20210928T06615_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T066103_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T061032_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T061032_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T06120_20210928T061218_E0010 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T06120_20210928T061230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0762590_20210928T0703230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070252_20210928T070846_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070949_20210928T0704466_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070949_20210928T0704565_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0704565_20210928T074556_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074321_20210928T074355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084035_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0840450_20210928T08435_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0840450_20210928T08435_E001 Loss of echo The tracking echo is missing for one	CS_OFFL_SIR_LRM_1B_20210928T045114_20210928T045310_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T053103_20210928T060615_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T060901_20210928T061033_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T061035_20210928T061218_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T061220_20210928T061280_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T061220_20210928T061800_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070220_20210928T061800_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0702820_20210928T070954_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T070954_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T073165_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T072853_20210928T073108_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T07321_20210928T073456_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074325_20210928T084356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T08435_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084935_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T08495_20210928T084835_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T0848	CS_OFFL_SIR_LRM_1B_20210928T050419_20210928T051715_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T060120_20210928T06103_E001 CS_OFFL_SIR_LRM_1B_20210928T060901_20210928T06103_E001 CS_OFFL_SIR_LRM_1B_20210928T061035_20210928T06120_E001 CS_OFFL_SIR_LRM_1B_20210928T06120_20210928T061800_E001 CS_OFFL_SIR_LRM_1B_20210928T062950_20210928T063230_E001 CS_OFFL_SIR_LRM_1B_20210928T062950_20210928T063230_E001 CS_OFFL_SIR_LRM_1B_20210928T070825_20210928T070846_E001 CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T070846_E001 CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T070954_E001 CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T0701655_E001 CS_OFFL_SIR_LRM_1B_20210928T070850_20210928T071655_E001 CS_OFFL_SIR_LRM_1B_20210928T070850_20210928T071655_E001 CS_OFFL_SIR_LRM_1B_20210928T070850_20210928T073108_E001 CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T073821_E001 CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T073821_E001 CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T074356_E001 CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T074356_E001 CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T074356_E001 CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T081626_E001 CS_OFFL_SIR_LRM_1B_20210928T090741_20210928T08433_E001 CS_OFFL_SIR_LRM_1B_20210928T080341_20210928T08433_E001 CS_OFFL_SIR_LRM_1B_20210928T08435_20210928T08433_E001 CS_OFFL_SIR_LRM_1B_20210928T08435_20210928T08433_E001 CS_OFFL_SIR_LRM_1B_20210928T08435_20210928T08433_E001 CS_OFFL_SIR_LRM_1B_20210928T08435_20210928T08433_E001 CS_OFFL_SIR_LRM_1B_20210928T08435_20210928T08433_E001 CS_OFFL_SIR_LRM_1B_20210928T08435_20210928T08433_E001 CS_OFFL_SIR_LRM_1B_20210928T08435_20210928T08433_E001 CS_OFFL_SIR_LRM_1B_20210928T08435_20210928T08483_E001 CS_OFFL_SIR_LRM_1B_20210928T08455_20210928T08483_E001 CS_OFFL_SIR_LRM_1B_20210928T08455_02010928T08483_E001 CS_OFFL_SIR_LRM_1B_20210928T08455_02010928T08483_E001 CS_OFFL_SIR_LRM_1B_20210928T08455_02010928T08455_0E001 CS_OFFL_SIR_LRM_1B_20210928T08455_02010928T08455_0E001 CS_OFFL_SIR_LRM_1B_20210928T08455_02010928T08455_0E001 CS_OFFL_SIR_LRM_1B_20210928T08455_02010928T08455_0E001 CS_OFFL_SIR_LRM_1B_202109	CS_OFFL_SIR_LRM_1B_20210928T051717_20210928T052835_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20210928T061035_20210928T061031_E001	CS_OFFL_SIR_LRM_1B_20210928T053103_20210928T053709_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T061035_20210928T061218_E001	CS_OFFL_SIR_LRM_1B_20210928T055010_20210928T060615_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T061220_20210928T063230_E001 CS_OFFL_SIR_LRM_1B_20210928T062950_20210928T070846_E001 CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T070954_E001 CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T070954_E001 CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T070954_E001 CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T071655_E001 CS_OFFL_SIR_LRM_1B_20210928T072853_20210928T071655_E001 CS_OFFL_SIR_LRM_1B_20210928T072853_20210928T073108_E001 CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T073108_E001 CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T073821_E001 CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001 CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001 CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T080349_E001 CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T083455_E001 CS_OFFL_SIR_LRM_1B_20210928T08003_20210928T084335_E001 CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T084333_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084838_E001 CS_OFFL_SIR_LRM_1B_20210928T0895356_20210928T088483_E001 CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T09818_E001 CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T09818_E001 CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T09818_E001 CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T09818_E001 CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T09818_E001 CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T09818_E001 CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001 CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001 CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001	CS_OFFL_SIR_LRM_1B_20210928T060901_20210928T061033_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T062950_20210928T063230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070252_20210928T070954_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T070954_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T071655_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T072853_20210928T073108_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T073821_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T080349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084051_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084855_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T08050940_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090540_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090540_20210928T0905130_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or mor	CS_OFFL_SIR_LRM_1B_20210928T061035_20210928T061218_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T070252_20210928T070954_E001 CS_OFFL_SIR_LRM_1B_20210928T070954_E001 CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T071655_E001 CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T071655_E001 CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T071655_E001 CS_OFFL_SIR_LRM_1B_20210928T072853_20210928T073108_E001 CS_OFFL_SIR_LRM_1B_20210928T072331_20210928T073108_E001 CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T073821_E001 CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001 CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T094356_E001 CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T080349_E001 CS_OFFL_SIR_LRM_1B_20210928T080411_20210928T081626_E001 CS_OFFL_SIR_LRM_1B_20210928T080411_20210928T081626_E001 CS_OFFL_SIR_LRM_1B_20210928T08030_20210928T084335_E001 CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T084331_E001 CS_OFFL_SIR_LRM_1B_20210928T0846835_20210928T084333_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084333_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084533_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084533_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084533_E001 CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T0845833_E001 CS_OFFL_SIR_LRM_1B_20210928T0845056_20210928T084583_E001 CS_OFFL_SIR_LRM_1B_20210928T0845056_20210928T084583_E001 CS_OFFL_SIR_LRM_1B_20210928T0845056_20210928T0845850_E001 CS_OFFL_SIR_LRM_1B_20210928T09940_20210928T09550_E001 CS_OFFL_SIR_LRM_1B_20210928T09940_20210928T09550_E001 CS_OFFL_SIR_LRM_1B_20210928T09542_20210928T09550_E001 Cos_OFFL_SIR_LRM_1B_20210928T09542_20210928T09550_E001 Cos_OFFL_SIR_LRM_1B_20210928T0954318_E001 Cos_OFFL_SIR_LRM_1B_20210928T0954318_E	CS_OFFL_SIR_LRM_1B_20210928T061220_20210928T061800_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T071655_E001 CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T073108_E001 CS_OFFL_SIR_LRM_1B_20210928T072853_20210928T073108_E001 CS_OFFL_SIR_LRM_1B_20210928T072853_20210928T073108_E001 CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T073281_E001 CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001 CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001 CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T080349_E001 CS_OFFL_SIR_LRM_1B_20210928T0807441_20210928T080349_E001 CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T081626_E001 CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T08435_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T08435_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T08435_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084010_20210928T08435_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0840610_20210928T08433_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T08435_20210928T08433_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T09940_20210928T098130_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T09940_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T09940_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for on	CS_OFFL_SIR_LRM_1B_20210928T062950_20210928T063230_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T073108_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T0733821_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T073821_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T080349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T084035_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084031_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0840810_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T070252_20210928T070846_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T072853_20210928T073821_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T080349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T080349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T081626_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T08403_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T084701_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T0928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one o	CS_OFFL_SIR_LRM_1B_20210928T070849_20210928T070954_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T074356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T080349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T080349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T081626_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084031_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T08433_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084825_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085356_20210928T0853556_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T09818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T070956_20210928T071655_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084359_20210928T081626_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T081626_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084030_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T084701_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084825_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T072853_20210928T073108_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T080349_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T081626_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T082003_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T084701_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084825_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T09818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T073231_20210928T073821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T081626_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T08203_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T084701_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084825_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T074104_20210928T074356_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T082003_20210928T084335_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T084701_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084825_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T074359_20210928T080349_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T084701_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084825_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T080741_20210928T081626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T084825_20210928T084833_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T082003_20210928T084335_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T084610_20210928T084701_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T085356_20210928T085450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T084825_20210928T084833_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T090818_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T084835_20210928T085233_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T090726_20210928T090818_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20210928T090940_20210928T091530_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T095924_20210928T102738_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210928T091542_20210928T094318_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20210928T095924_20210928T102738_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20210928T102749_20210928T103048_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T103048_20210928T103705_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T114551_20210928T115327_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T115522_20210928T120018_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T120124_20210928T120232_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T120439_20210928T120537_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T120714_20210928T120824_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T120824_20210928T121031_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T122746_20210928T123842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T123845_20210928T130050_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T133011_20210928T133438_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T133554_20210928T133925_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T134108_20210928T134350_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T134618_20210928T134746_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T140505_20210928T141625_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T141910_20210928T144011_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T154359_20210928T154757_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T154800_20210928T155153_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T155320_20210928T161923_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T162739_20210928T163002_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T163825_20210928T165053_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T172249_20210928T172835_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T173223_20210928T174148_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T174351_20210928T175823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T181533_20210928T182740_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T183221_20210928T184515_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T184639_20210928T184849_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T190122_20210928T190534_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T190630_20210928T191457_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T194611_20210928T194724_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T195327_20210928T201854_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T202006_20210928T202635_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T204014_20210928T204736_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T204910_20210928T205008_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T205238_20210928T211323_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T213213_20210928T215948_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T221839_20210928T222637_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T222717_20210928T222919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T222921_20210928T222933_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T222935_20210928T223139_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T223142_20210928T225531_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210928T230409_20210928T230738_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: 0

4.7 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20210928T061035_20210928T061218_E001	IECDO error TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (field 30) for each measurement record. The bit value of this flag indicates any problems when set.

0

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag (field 50) 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.

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.

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.

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.

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.

Number of products with errors: 204

Product	Test Failed	Description
CS_OFFL_SIR_LRM_2_20210928T000354_20210928T003520_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20210928T004729_20210928T004943_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_220210928T014222_20210928T020313_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_220210928T020558_20210928T021724_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20210928T022642_20210928T023049_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_220210928T023857_20210928T024005_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20210928T024600_20210928T025205_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20210928T025352_20210928T030350_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20210928T032130_20210928T035040_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20210928T035145_20210928T035723_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20210928T040954_20210928T044137_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20210928T050419_20210928T051715_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_220210928T051717_20210928T052835_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20210928T055010_20210928T060615_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_220210928T064016_20210928T065403_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_220210928T065542_20210928T065825_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_220210928T070252_20210928T070846_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210928T072853_20210928T073108_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_220210928T073231_20210928T073821_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_220210928T074104_20210928T074356_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_220210928T074359_20210928T080349_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_220210928T082003_20210928T084335_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_220210928T084825_20210928T084833_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210928T085356_20210928T085450_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_220210928T085450_20210928T085725_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_220210928T091542_20210928T094318_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_220210928T095924_20210928T102738_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_220210928T103048_20210928T103705_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_220210928T105108_20210928T112106_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_220210928T114551_20210928T115327_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_220210928T121406_20210928T121602_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_220210928T122746_20210928T123842_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_220210928T123845_20210928T130050_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_220210928T133011_20210928T133438_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_220210928T140354_20210928T140422_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_220210928T140505_20210928T141625_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_220210928T141910_20210928T144011_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_220210928T145750_20210928T151650_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_220210928T151735_20210928T152204_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_220210928T154359_20210928T154757_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_220210928T154800_20210928T155153_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_220210928T155320_20210928T161923_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_220210928T163825_20210928T165053_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_220210928T165148_20210928T170848_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_220210928T173223_20210928T174148_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_220210928T174351_20210928T175823_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_220210928T181533_20210928T182740_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_220210928T183221_20210928T184515_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_220210928T184639_20210928T184849_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_220210928T192313_20210928T193703_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_220210928T195327_20210928T201854_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_220210928T205238_20210928T211323_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_220210928T213213_20210928T215948_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_220210928T221839_20210928T222637_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_220210928T222717_20210928T222919_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210928T222921_20210928T222933_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210928T223142_20210928T225531_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_220210928T231217_20210928T234543_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_220210928T235658_20210929T000128_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_220210927T235922_20210928T000354_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T003915_20210928T004552_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T004552_20210928T004729_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T005057_20210928T005127_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T005250_20210928T005355_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T005931_20210928T010105_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T011348_20210928T011641_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T012410_20210928T012819_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T013803_20210928T014222_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T020313_20210928T020558_E001	Backscatter Error (Retracker 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_20210928T021724_20210928T022452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220210928T022452_20210928T022642_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T023049_20210928T023645_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T023828_20210928T023857_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220210928T025205_20210928T025352_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T030350_20210928T030817_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T031910_20210928T032130_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T035040_20210928T035145_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T035723_20210928T035857_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T035913_20210928T040350_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T040350_20210928T040505_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T040850_20210928T040904_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T044137_20210928T044840_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T045937_20210928T050044_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T050347_20210928T050419_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T053709_20210928T054228_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T054228_20210928T054349_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T061801_20210928T062240_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T063857_20210928T064016_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T065403_20210928T065542_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T065825_20210928T070056_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T070056_20210928T070252_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T071656_20210928T071836_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T071901_20210928T072320_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T072534_20210928T072541_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T073821_20210928T073942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T080349_20210928T080601_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T081824_20210928T082003_E001	Backscatter Error (Retracker 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_20210928T085725_20210928T090241_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T094318_20210928T094539_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T095658_20210928T095924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T103705_20210928T104319_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T112107_20210928T112522_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220210928T113622_20210928T113823_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T114245_20210928T114551_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T120232_20210928T120439_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T120538_20210928T120647_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T121031_20210928T121103_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T121641_20210928T122428_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T130051_20210928T130504_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T131449_20210928T131946_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T132952_20210928T133011_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T134351_20210928T134539_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T134746_20210928T134805_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T134805_20210928T135049_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T135230_20210928T135303_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T135452_20210928T135605_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T135625_20210928T140354_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T140422_20210928T140505_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T141625_20210928T141910_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T144011_20210928T144223_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T145354_20210928T145750_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T152204_20210928T152451_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T153145_20210928T153154_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T153613_20210928T154359_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T155153_20210928T155320_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T161923_20210928T162031_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T163148_20210928T163825_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T165053_20210928T165148_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T171521_20210928T172044_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T172137_20210928T172249_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T173024_20210928T173223_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T174148_20210928T174351_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T175823_20210928T175939_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T181047_20210928T181313_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T181437_20210928T181533_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T185208_20210928T185212_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220210928T185421_20210928T190122_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T191557_20210928T192313_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T193703_20210928T193834_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T195101_20210928T195327_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T201854_20210928T202006_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T203245_20210928T203752_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T203829_20210928T204012_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T211323_20210928T211414_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T211557_20210928T211838_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T213019_20210928T213213_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T221004_20210928T221712_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T221713_20210928T221809_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T225531_20210928T225741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T230920_20210928T231217_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T234855_20210928T235627_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210928T235642_20210928T235658_E001	Backscatter Error (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_220210928T003520_20210928T003632_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_220210928T003727_20210928T003914_E001	Backscatter Error (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_220210928T004943_20210928T005015_E001	Backscatter Error (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_220210928T005127_20210928T005250_E001	Backscatter Error (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_220210928T005810_20210928T005931_E001	Backscatter Error (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_220210928T012819_20210928T012945_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_220210928T013500_20210928T013803_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_220210928T030817_20210928T031124_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_220210928T031402_20210928T031910_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_220210928T035857_20210928T035912_E001	Backscatter Error (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_220210928T040505_20210928T040850_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_220210928T040944_20210928T040954_E001	Backscatter Error (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_220210928T044840_20210928T045114_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_220210928T045310_20210928T045515_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210928T045815_20210928T045937_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_220210928T052836_20210928T053103_E001	Backscatter Error (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_220210928T054349_20210928T054506_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210928T054750_20210928T055010_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_220210928T062338_20210928T062950_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_220210928T063230_20210928T063248_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210928T063716_20210928T063857_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_220210928T071836_20210928T071901_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220210928T072320_20210928T072533_E001	Backsäller Error (Ketracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220210928T072625_20210928T072853_E001	Backsällahler Error (кетгаскег ∠), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220210928T073942_20210928T074104_E001	unavailable Backscatter Error (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_220210928T080601_20210928T080741_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_220210928T081627_20210928T081824_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_220210928T084335_20210928T084609_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_220210928T084701_20210928T084825_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20210928T090241_20210928T090726_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the leading for one or more records.
CS_OFFL_SIR_SIN_220210928T094539_20210928T094711_E001	unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210928T094846_20210928T094958_E001	track Angle Error SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210928T095420_20210928T095657_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210928T104319_20210928T105107_E001	track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the
CS_OFFL_SIR_SIN_220210928T112522_20210928T112912_E001	unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210928T113500_20210928T113622_E001	track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210928T120647_20210928T120707_E001	track Angle Error Backscatter Error (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_220210928T121103_20210928T121225_E001	Backscatter Error (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_220210928T121329_20210928T121406_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210928T121602_20210928T121640_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the
CS OFFL SIR SIN 2 20210928T122428 20210928T122538 E001	track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	location for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was
CS_OFFL_SIR_SIN_220210928T122621_20210928T122746_E001	track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_220210928T130504_20210928T130819_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210928T131332_20210928T131449_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_220210928T133439_20210928T133554_E001	Backscatter Error (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_220210928T134540_20210928T134618_E001	Backscatter Error (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_220210928T135605_20210928T135625_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210928T144223_20210928T144643_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_220210928T145238_20210928T145354_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210928T151650_20210928T151735_E001	Backscatter Error (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_220210928T153042_20210928T153111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210928T153154_20210928T153434_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

6. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_LRM_1B	146	0	0	0	0
SIR_SAR_1B	108	0	0	0	0
SIR_SIN_1B	105	0	0	0	0
SIR_LRM_2	146	0	0	0	0
SIR_SAR_2	105	0	0	0	0
SIR_SIN_2	108	0	0	0	0
SIR GDR 2	15	0	0	0	0

SIR_GDR_2	15	0	0	0	0	
6.1 QCC Errors						
Number of products with QCC errors:	0					
6.2 QCC Warnings						
Number of QCC reports with warnings	0					
6.2 Missing QCC Reports						
Number of products with missing QCC	reports: 0					