

QA4EO Daily Report for OFFLINE data:

<u>07/06/2023</u>

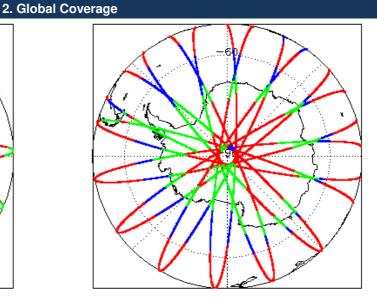
IDEAS-QAHE®

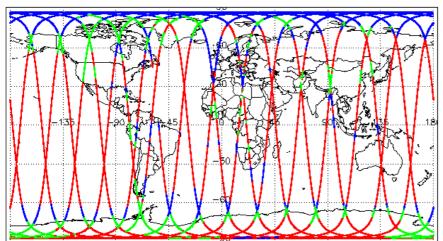
1. Overview

Report Production Data	07-Jul-2023	Check	Status	
Report Production Date:		Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
Processor Used.		Product Software Check	Nominal	
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal	
Data Osed:		Product Header Analysis	See Section 4.2	
		Star Tracker Usage Check	Nominal	
We would love to hear from you! Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com		L1B Tracking Flag Check	See Section 4.4	
		L1B Calibration Usage Check	Nominal	
		L1B & L2 Auxiliary Data File Usage Check	Nominal	
		L1B & L2 Auxiliary Correction Error Check	See Section 4.7 and 5.4	
		L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5	
		QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3	

Mission / Instrument News 06-Jun-2023 None 07-Jun-2023 None

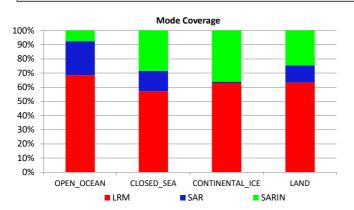
08-Jun-2023 Nothing planned

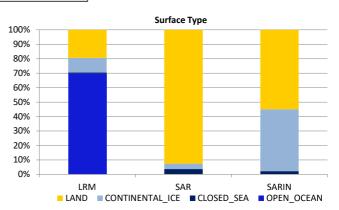




Mode Coverage (%)

LRM	66.8
SAR	19.0
SARIn	14.1





3. Instrument Configuration

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

SIRAL - A

SIRAL instrument(s) in use:

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

4.3 Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing. 0

Number of products with errors:

4.4 L1B Tracking Flags Check

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

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20230607T001141_20230607T001325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T001425_20230607T002439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T002442_20230607T002448_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T002452_20230607T002633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T012323_20230607T012417_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T012805_20230607T012842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T012931_20230607T013023_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T013025_20230607T013625_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T015136_20230607T015723_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T015830_20230607T022439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T022809_20230607T023009_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T030620_20230607T030625_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T030629_20230607T031311_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T031311_20230607T031439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T033607_20230607T040318_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T041841_20230607T044633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T044636_20230607T044644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T044735_20230607T044959_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T044959_20230607T045000_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T045034_20230607T045601_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T060534_20230607T060904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T061027_20230607T061514_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T061532_20230607T062032_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T062215_20230607T062311_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T062652_20230607T062752_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T062813_20230607T062837_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T062838_20230607T062936_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T063159_20230607T063214_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T064820_20230607T072155_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T075036_20230607T075519_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T075845_20230607T080315_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T080422_20230607T080512_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T082504_20230607T082620_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T082622_20230607T090025_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T100335_20230607T102331_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T102333_20230607T104003_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T105733_20230607T111110_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T112442_20230607T112631_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T112656_20230607T112711_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T114240_20230607T115013_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T115251_20230607T120312_E001	Loss of echo	The tracking echo is missing for one or more records

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GG_0FH_SH_MURA_D2000FT19275_20000FT19275_20000FT19275_000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT19275_20000FT19275_20000FT19275_000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT19285_20000FT19285_000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT19285_20000FT19285_000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT19285_20000FT19285_000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT19285_20000FT19285_000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT14927_20000FT14957_000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT14927_20000FT14957_000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT14927_20000FT14957_0000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT14927_20000FT14957_0000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT14927_20000FT14958_1000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT14957_20000FT14958_1000 Loss of scho The basing scho arriang for one or more records GG_0FH_SH_MURA_D20000FT14957_20000FT14958_1000 Loss of	CS_OFFL_SIR_LRM_1B_20230607T125947_20230607T130534_E001	Loss of echo	The tracking echo is missing for one or more records
CGL_GFL_SFL_HA_HB_200000711327 Loss of echo The tasking echo in many for anon more records CGL_GFL_SFL_HA_HB_2000007113287 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_2000007113287 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_2000007113287 2000007112000 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_2000007113287 2000007114210 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_2000007114287 2000007114210 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_2000007114287 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_2000007114287 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_2000007114287 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_200007114287 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_200007114878 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_200007114878 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_200007114878 Loss of echo The tasking echo inmany for anon more records CGL_GFL_SFL_HA_HB_200007114878 Loss of echo <	CS_OFFL_SIR_LRM_1B_20230607T132041_20230607T132657_E001	Loss of echo	The tracking echo is missing for one or more records
GG OFFL STI, LIM, 4B. 20200077112329 20200077112329 20200 Isoa di kono The backhy acto a mane recorda GG, OFFL SE, LIM, 1B, 2020007112324 20200077112329 2020007712329 2020007712329 2020007712329 GG, OFFL SE, LIM, 1B, 20200077112324 20200077112324 2020007712329 2020007712329 2020007712329 GG, OFFL SE, LIM, 1B, 2020007714293 2020007711239 2020007711239 2020007711439 2020007711439 GG, OFFL SE, LIM, 1B, 2020007714493 2020007714439 2020007714439 2020007714439 2020007714439 GG, OFFL SE, LIM, 1B, 2020007714439 2020007714439 202000714439 202000714439 202000714439 GG, OFFL SE, LIM, 1B, 2020007714439 2020007714439 202000714439 202000714439 202000714439 GG, OFFL SE, LIM, 1B, 2020007714439 202000714439 202000714439 202000714439 202000714439 GG, OFFL SE, LIM, 1B, 2020007714439 202000714439 202000714439 202000714439 202000714439 GG, OFFL SE, LIM, 1B, 2020007714439 2020007714439 2020007714439 2020007714439 2020007714439 GG, OFFL SE, LIM, 1B, 2020007714439 2020007714439 2020007714439 2020007714439 2020007714439 GG, OFFL SE, LIM, 1B, 2020007714439 2020007714439 2020007714439 2020007714439 20200077	CS_OFFL_SIR_LRM_1B_20230607T132704_20230607T132725_E001	Loss of echo	The tracking echo is missing for one or more records
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C6. OFFL_SR_LIM_18_2000007113000_2000007113000_E001 Joan of locho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007114010_2000007114075_E001 Joan of locho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007114075_2000007114075_E001 Joan of locho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007114075_2000007114075_E001 Joan of locho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007114075_2000007114075_E001 Joan of locho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007114075_2000007114075_E001 Joan of locho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007114075_20000071140675_E001 Joan of locho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007116016_200000711601675_E001 Joan of locho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_20000071160167_20000071160475_E001 Joan of locho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007116047_2000007116447_20000007116447_200000 Joan of ocho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007116447_2000007116447_2000007116447_200000 Joan of ocho The tacking ocho is measing for one or more records C6. OFFL_SR_LIM_18_2000007116447_20000007116447_200000 Joan of ocho The tac	CS_OFFL_SIR_LRM_1B_20230607T132820_20230607T132837_E001	Loss of echo	The tracking echo is missing for one or more records
CG_GFL_SR_LINU_IB_2020007113834_0020007113835_001 Loss of orbo The tracking orbo is missing for one or more mosts CG_GFL_SR_LINU_IB_2020007114817_20200071141715_001 Loss of orbo The tracking orbo is missing for one or more mosts CG_GFL_SR_LINU_IB_2020007114817_2020007114375_001 Loss of orbo The tracking orbo is missing for one or more mosts CG_GFL_SR_LINU_IB_2020007114005_2020007114005_001 Loss of orbo The tracking orbo is missing for one or more mosts CG_GFL_SR_LINU_IB_2020007114005_2020007114005_001 Loss of orbo The tracking orbo is missing for one or more mosts CG_GFL_SR_LINU_IB_2020007114004_2020007114005_001 Loss of orbo The tracking orbo is missing for one or more mosts CG_GFL_SR_LINU_IB_2020007114042_202007115005_001 Loss of orbo The tracking orbo is missing for one or more mosts CG_GFL_SR_LINU_IB_2020007114042_2020071150100 Loss of orbo The tracking orbo is missing for one or more mosts CG_GFL_SR_LINU_IB_2020007114042_2020071150100 Loss of orbo The tracking orbo is missing for ore or more mosts CG_GFL_SR_LINU_IB_2020007114042_2020071150100 Loss of orbo The tracking orbo is missing for ore or more mosts CG_GFL_SR_LINU_IB_2020007114042_2020007114042_E001 Loss of orbo The tracking orbo is missing for ore or more mosts CG_GFL_SR_LINU_IB_2020007114042_2020007114042_E001 Loss of orbo The tracking orbo is missing for ore or more mosts CG_GFL_SR_LINU_IB_20200	CS_OFFL_SIR_LRM_1B_20230607T132841_20230607T132902_E001	Loss of echo	The tracking echo is missing for one or more records
CB_OFTL_SIN_LIM_18_2022007T14058_2020007T14058_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14078_2020007T14078_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14078_2020007T14078_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14078_2020007T14078_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14078_2020007T14408_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14608_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14608_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14608_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14608_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14608_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14608_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14608_E001 Loss of exists The tasking exists in maxing for one or more records CB_OFTL_SIN_LIM_18_2020007T14608_E001 </td <td>CS_OFFL_SIR_LRM_1B_20230607T132907_20230607T132908_E001</td> <td>Loss of echo</td> <td>The tracking echo is missing for one or more records</td>	CS_OFFL_SIR_LRM_1B_20230607T132907_20230607T132908_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFTL_SR_LINU_18_2823007114218_2222007114278_D01 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_2823007114278_2220007114379_20000714430_D01 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_2823007114379_20000714430_D01 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_2823000714379_20000714430_D01 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_28230007114308_282230007114308_2001 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_28230007114308_282230007115408_2001 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_28230007115408_28203007116474_2001 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_28230007116474_28200007116474_2001 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_28230007116474_28200007116474_2001 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_28200007116474_28200007116474_2001 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_28200007116474_28200007116474_2001 Loss of exho The tracking exh is mixing for one or more records CS_OFTL_SIL_NU_18_2820000	CS_OFFL_SIR_LRM_1B_20230607T132924_20230607T133013_E001	Loss of echo	The tracking echo is missing for one or more records
0.6, 0.5FL_SIR_LINU_18_20000077114379_0.2000007714375_0.001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_2000007714375_0.001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_2000007714375_0.0000077144375_0.001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_20000077114376_0.0000077144376_0.001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_20000077116106_2000007716106_E001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_20000077116106_20000007716106_E001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_20000077116428_2000007716428_E001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_2000007716428_20000077164428_E001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_2000007716443_20000007716443_E001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_2000007716443_20000007716443_E001 Loss of exha The tracking exh is missing for one or more records 0.6, 0.5FL_SIR_LINU_18_2000007716443_20000007716443_20000007716443_2000007716443_2000007716443_2000007716443	CS_OFFL_SIR_LRM_1B_20230607T140213_20230607T140558_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIL_IN_18_2020007114375_2020007114375_2000 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007114375_2020007114438_D010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007114434_D020007114438_D0010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007114434_D020007114438_D020007114438_D010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007114434_D020007115438_D010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007114439_D020007115438_D010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007116439_D020007116438_D010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007116439_D020007116438_D010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007116439_D020007116438_D010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007116439_D020007116438_D010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_2020007116439_D0200071170248_D010 Loss of exho The inacking exh a mixing for one or more records CS_OFFL_SIL_IN_18_12_2020007116439_D02000	CS_OFFL_SIR_LRM_1B_20230607T141253_20230607T143715_E001	Loss of echo	The tracking echo is missing for one or more records
CR_OFFL_SRL_RAL_TB_2020607T14377_2020807T14380_E001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_2020807T14986_2020807T14986_2001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_2020807T15946_2020807T15946_2001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_2020807T15946_2020807T15946_2001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_2020807T15946_2020807T15942_200007T15945_2001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_20208007T16945_2020807T169459_2001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_20208007T169459_20208007T16945_2001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_20208007T169459_20208007T169458_2001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_20208007T169459_20208007T16945_2001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_20208007T179459_20208007T179459_2001 Loss of exho The tracking exho is missing for one or more records CR_OFFL_SRL_RAL_TB_20208007T119459_20208007T119459_20208007T119459_20208007T19459_20208007T19459_2000	CS_OFFL_SIR_LRM_1B_20230607T143718_20230607T143750_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LBM_1B_0228807114380 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_0228807114314_2022807114638_E001 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_02288071151014_2028807115102 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_02288071151014_2028807115102 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_02288071151014_2028807115102 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_02288071151042 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_02288071164785_20238071164785_E001 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_02288071164785_20238071164785_E001 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_02828071164785_20238071164785_E001 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_0282808071164785_202380711172784_E001 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_02828071187272_202380771172784_E001 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SIR_LBM_1B_02828071187272_202380771187284_E001 Loss of exhe The tracking sche is missing for one or more records CS_OFF_SI	CS_OFFL_SIR_LRM_1B_20230607T143752_20230607T143755_E001	Loss of echo	The tracking echo is missing for one or more records
CB_OFFL_SIR_LBM_TB_2020807T1144314_2020807T114438_E001 Loss of exho The tracking exho is missing for one or more records CB_OFFL_SIR_LBM_TB_2020807T15141_2020807T15182E_001 Loss of exho The tracking exho is missing for one or more records CB_OFFL_SIR_LBM_TB_2020807T151241_2020807T112452_001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_TB_2020807T151242_2020807T151245_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_TB_2020807T151245_2020807T11272_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_TB_2020807T11825_2020807T11825_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_TB_2020807T11825_2020807T11825_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_TB_2020807T11825_2020807T11825_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_TB_2020807T1825_2020807T1825_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_TB_2020807T1825_E001	CS_OFFL_SIR_LRM_1B_20230607T143757_20230607T143803_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LFM_1B_20230677150405_2023067715024_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_20230677151241_202306077151224_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_20230677151241_202306077151242_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_20230677164253_E000077164745_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_20230677164025_202300077164745_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_202300077164703_E0001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_202300077164738_20200077164738_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_20230007716732_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_20230007716732_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_20230007716732_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_20230007716732_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LFM_1B_2023000077162452_E001 Loss of exho	CS_OFFL_SIR_LRM_1B_20230607T143806_20230607T144059_E001	Loss of echo	The tracking echo is missing for one or more records
DS_OFFL_SR_LEM_18_2023007T151014_20230007T151026_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_2023007T151014_20230007T15149_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_20230007T15459_20230007T15459_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_20230007T16460_20230007T164749_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_20230007T176400_20230007T176749_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_20230007T176400_20230007T176749_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_20230007T171892_20230007T17254_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_20230007T171892_20230007T17254_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_20230007T171820_20230007T182049_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_20230007T182049_20230007T182049_E001 Loss of echo The tracking echo is missing for one or more records DS_OFFL_SR_LEM_18_20230007T182049_20230007T182049_E001 Loss of echo The tracking echo is missing for one or more records <tr< td=""><td>CS_OFFL_SIR_LRM_1B_20230607T144314_20230607T144638_E001</td><td>Loss of echo</td><td>The tracking echo is missing for one or more records</td></tr<>	CS_OFFL_SIR_LRM_1B_20230607T144314_20230607T144638_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LAM_18_2023007T15141_20220007T154320_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20230007T154320_20230007T164348_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20230007T16402_20230007T164348_E001 Loss of echo The tracking echo is missing for one rome records CS_OFF_SIR_LAM_18_20230007T16475_20230007T16434_E001 Loss of echo The tracking echo is missing for one rome records CS_OFF_SIR_LAM_18_20230007T16475_20230007T16434_E001 Loss of echo The tracking echo is missing for one rome records CS_OFF_SIR_LAM_18_20230007T16475_20230007T16438_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20230007T1322_12023007T18054_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20230007T18023_20230007T18023_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20230007T18024_20230007T18024_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20230007T18024_20230007T18024_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20230007T18024_2023007T18024_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR	CS_OFFL_SIR_LRM_1B_20230607T150405_20230607T150857_E001	Loss of echo	The tracking echo is missing for one or more records
GS_OFFL_SIR_LEM_18_2023007T164519_20230007T16446_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T16400_20230007T164749_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T16400_20230007T164749_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T16478_20230007T164749_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T16480_20230007T10729_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T16480_20230007T10729_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T18240_20230007T18248_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T18209_20230007T18203_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T18209_20230007T18203_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T18203_20230007T18203_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20230007T18203_20230007T18203_E001 Loss of echo The tracking echo is missing for one or more records <tr< td=""><td>CS_OFFL_SIR_LRM_1B_20230607T151014_20230607T151026_E001</td><td>Loss of echo</td><td>The tracking echo is missing for one or more records</td></tr<>	CS_OFFL_SIR_LRM_1B_20230607T151014_20230607T151026_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_IPM_18_2020607116408_2020007116478_E011 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607116478_1020007116478_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607116478_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607116478_E0020007117072_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607116478_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607118208_20007118024_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607118208_200007118024_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607118208_200007118204_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607118204_200007118204_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607118204_200007118204_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607118204_200007118204_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IPM_18_2020607118204_2020607718428_E001	CS_OFFL_SIR_LRM_1B_20230607T151241_20230607T153720_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LFM_18_2020607116476_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_2020607116475_20206071164754_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_2020607116475_20206071164754_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_2020607117657_20226607117054_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_202060711716214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_2020607118258_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_2020607118259_2020607118254_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_2020607118259_2020607118259_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_2020607118259_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_2020607118252_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_2020607118252_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LFM_18_20200071182058_E002080071182724_E001 Loss of echo	CS_OFFL_SIR_LRM_1B_20230607T154519_20230607T154846_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20230607T164751_20230607T164754_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230607T1194752_0230607T1192548_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230607T119167_02230607T1192548_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230607T119221_20230607T118245_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230607T118242_20230607T18245_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230607T18245_20230607T18245_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230607T18245_20230607T22456_20230607T22456_20230607T22456_20230607T22456_20230607T22456_20230607T22456_20230607T22456_20230607T22456_20230607T22456_20230607T22456_20230607T22456_20230607T22456_201	CS_OFFL_SIR_LRM_1B_20230607T164205_20230607T164528_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20230607T183921_20230607T18408_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T184038_20230607T190441_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T19120_20230607T1912421_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T19120_20230607T194721_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T200628_20230607T201403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T201538_20230607T201430_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T201538_20230607T201443_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T20155_20230607T21219_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T21556_20230607T22148_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T213929_20230607T2133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22443_20230607T2256_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22403_20207T230643_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224302_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22	CS_OFFL_SIR_LRM_1B_20230607T182705_20230607T182729_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T184038_20230607T184232_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T185928_20230607T194721_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T19120_20230607T194721_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T200828_20230607T20088_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T200858_20230607T201403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T201538_20230607T202148_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T201538_20230607T202148_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T201538_20230607T21219_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T215448_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T215448_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T221548_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T222443_2030607T222756_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22443_2030607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22443_2030607T224519_E001Loss of	CS_OFFL_SIR_LRM_1B_20230607T183653_20230607T183919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T185928_20230607T190441_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T191120_20230607T1914721_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T200628_20230607T200808_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T200858_20230607T201403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T201538_20230607T202148_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T20115_20230607T204343_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T205105_20230607T2197E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T205105_20230607T2113929_20230607T2133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T205105_20230607T213929_20230607T2133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22443_20230607T2214519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224301_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224722_20230607T225732_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFF	CS_OFFL_SIR_LRM_1B_20230607T183921_20230607T184008_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T191120_20230607T194721_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T200628_20230607T200808_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T200858_20230607T201403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T201538_20230607T20148_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T204115_20230607T204343_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T205105_20230607T212719_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T213929_20230607T215848_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22443_20230607T22133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T22256_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223004_20230607T22304_20230607T22352_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T230034_20230607T230643_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23034_20230607T23559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL	CS_OFFL_SIR_LRM_1B_20230607T184038_20230607T184232_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T200628_20230607T200808_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T200858_20230607T201403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T201538_20230607T20148_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T20115_20230607T204343_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T205105_20230607T21719_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T215856_20230607T215848_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T2215856_20230607T22133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22443_20230607T222756_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22443_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T230034_20230607T225732_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T230034_20230607T230634_20230607T233559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23304_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23304_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFF	CS_OFFL_SIR_LRM_1B_20230607T185928_20230607T190441_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T200858_20230607T201403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T201538_20230607T202148_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T204115_20230607T204343_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T205105_20230607T217219_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T215856_20230607T215848_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T215856_20230607T22133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T22443_20230607T2256_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224722_20230607T23034_20230607T23043_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T23559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T23559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T234559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T234559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL	CS_OFFL_SIR_LRM_1B_20230607T191120_20230607T194721_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T201538_20230607T202148_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T204115_20230607T204343_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T205105_20230607T212719_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T213929_20230607T215848_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T215856_20230607T22133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T222443_20230607T22276_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T225732_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23004_20230607T230643_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T230559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23394_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23394_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23394_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T200628_20230607T200808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T204115_20230607T204343_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T205105_20230607T212719_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T213929_20230607T215848_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T215856_20230607T221133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T222443_20230607T222756_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224031_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23034_20230607T230543_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T233559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T233559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_	CS_OFFL_SIR_LRM_1B_20230607T200858_20230607T201403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T205105_20230607T212719_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T213929_20230607T215848_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T215856_20230607T22133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T222443_20230607T222756_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224722_20230607T225732_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T230034_20230607T230643_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T233559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T201538_20230607T202148_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T213929_20230607T215848_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T215856_20230607T221133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T222443_20230607T222756_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224722_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224722_20230607T224532_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23034_20230607T230543_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T233559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T204115_20230607T204343_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T215856_20230607T221133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T222443_20230607T222756_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224722_20230607T225732_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T23034_20230607T23043_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T23559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T205105_20230607T212719_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T222443_20230607T222756_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T223011_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224722_20230607T225732_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T230034_20230607T230643_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T233559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T213929_20230607T215848_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T224011_20230607T224519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T224722_20230607T225732_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T230034_20230607T230643_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T233559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T215856_20230607T221133_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T224722_20230607T225732_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T230034_20230607T230643_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T233559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T222443_20230607T222756_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T230034_20230607T230643_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T231931_20230607T233559_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T223011_20230607T224519_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T231931_20230607T233559_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T224722_20230607T225732_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T230034_20230607T230643_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20230607T231931_20230607T233559_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230607T234039_20230607T234742_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230607T233904_20230607T234020_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20230607T234039_20230607T234742_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

 Number of products with errors:
 0

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

2

0

Product	Test Failed	Description
CS_OFFL_SIR_SAR_1B_20230607T044715_20230607T044715_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	The auxiliary corrections are missing for one or more record; under investigation.
CS_OFFL_SIR_SAR_1B_20230607T062645_20230607T062652_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	The auxiliary corrections are missing for one or more record; under investigation.

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20230607T015136_20230607T015723_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20230607T062838_20230607T062936_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20230607T105733_20230607T111110_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20230607T164840_20230607T170729_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a product file (.DBL). Number of products with errors: 0

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.
Number of products with errors:
0

5.4 L2 Auxiliary Correction Error Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230607T004913_20230607T005732_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_LRM_2_20230607T122139_20230607T122640_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_2_20230607T000657_20230607T000845_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T001052_20230607T001141_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230607T001325_20230607T001425_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230607T002633_20230607T002815_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T002830_20230607T003030_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T003032_20230607T003037_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230607T004447_20230607T004716_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230607T005920_20230607T010006_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T011627_20230607T011902_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T012113_20230607T012323_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220230607T014838_20230607T015136_E001	
CS_OFFL_SIR_SAR_2_20230607T015723_20230607T015830_E001	
CS_OFFL_SIR_SAR_2_20230607T022440_20230607T022650_E001	
CS_OFFL_SIR_SAR_2_20230607T023840_20230607T024010_E001	
CS_OFFL_SIR_SAR_220230607T040318_20230607T040613_E001	
CS_OFFL_SIR_SAR_220230607T041750_20230607T041841_E001	
CS_OFFL_SIR_SAR_220230607T044645_20230607T044713_E001	
CS_OFFL_SIR_SAR_220230607T044716_20230607T044735_E001	
CS_OFFL_SIR_SAR_220230607T054209_20230607T054603_E001	
CS_OFFL_SIR_SAR_2_20230607T055609_20230607T055803_E001	
CS_OFFL_SIR_SAR_220230607T060245_20230607T060533_E001	
CS_OFFL_SIR_SAR_2_20230607T062311_20230607T062525_E001	
CS_OFFL_SIR_SAR_220230607T062526_20230607T062643_E001	

CS_OFFL_SIR_SAR_2__20230607T062645_20230607T062652_E001

CS OFFL SIR SAR 2 20230607T062936 20230607T063159 E001 CS OFFL SIR SAR 2 20230607T063626 20230607T064451 E001 CS_OFFL_SIR_SAR_2__20230607T072155_20230607T072503_E001 CS OFFL SIR SAR 2 20230607T072930 20230607T072935 E001 CS_OFFL_SIR_SAR_2__20230607T073507_20230607T073751_E001 CS OFFL SIR SAR 2 20230607T074952 20230607T075036 E001 CS OFFL SIR SAR 2 20230607T080315 20230607T080422 E001 CS OFFL SIR SAR 2 20230607T080512 20230607T080933 E001 CS_OFFL_SIR_SAR_2__20230607T080933_20230607T081325_E001 CS_OFFL_SIR_SAR_2__20230607T081334_20230607T081439_E001 CS OFFL SIR SAR 2 20230607T090025 20230607T090132 E001 CS_OFFL_SIR_SAR_2__20230607T090829_20230607T090835_E001 CS OFFL SIR SAR 2 20230607T090842 20230607T090849 E001 CS_OFFL_SIR_SAR_2__20230607T091348_20230607T091930_E001 CS_OFFL_SIR_SAR_2__20230607T095045_20230607T095112_E001 CS_OFFL_SIR_SAR_2__20230607T104004_20230607T104037_E001 CS OFFL SIR SAR 2 20230607T104728 20230607T104735 E001 CS_OFFL_SIR_SAR_2_20230607T104742_20230607T104747_E001 CS OFFL SIR SAR 2 20230607T105143 20230607T105150 E001 CS OFFL SIR SAR 2 20230607T105312 20230607T105733 E001 CS_OFFL_SIR_SAR_2__20230607T111111_20230607T111234_E001 CS OFFL SIR SAR 2 20230607T112631 20230607T112656 E001 CS OFFL SIR SAR 2 20230607T112712 20230607T112919 E001 CS OFFL SIR SAR 2 20230607T112931 20230607T113011 E001 CS_OFFL_SIR_SAR_2__20230607T113119_20230607T113323_E001 CS_OFFL_SIR_SAR_2__20230607T120312_20230607T120451_E001 CS_OFFL_SIR_SAR_2__20230607T121901_20230607T121951_E001 CS OFFL SIR SAR 2 20230607T122640 20230607T122647 E001 CS OFFL SIR SAR 2 20230607T125826 20230607T125947 E001 CS_OFFL_SIR_SAR_2__20230607T130643_20230607T130910_E001 CS_OFFL_SIR_SAR_2__20230607T130945_20230607T130947_E001 CS_OFFL_SIR_SAR_2__20230607T133446_20230607T133551_E001 CS OFFL SIR SAR 2 20230607T135729 20230607T135858 E001 CS OFFL SIR SAR 2 20230607T141119 20230607T141253 E001

Snow depth model
Snow depth model
Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide, Snow depth model
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The auxiliary corrections are missing for one or more record; under investigation.

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CS OFFL SIR SAR 2 20230607T150242 20230607T150405 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230607T153720 20230607T153823 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	•	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230607T155010_20230607T155229_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T163826_20230607T164205_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T170729_20230607T171147_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T171636_20230607T171832_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T172903_20230607T173221_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T180601_20230607T180646_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T181725_20230607T181823_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T182043_20230607T182112_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T182236_20230607T182357_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230607T182729 20230607T182758 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230607T184232 20230607T184328 E001		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230607T184330_20230607T184334_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230607T184336_20230607T184452_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T185520_20230607T185802_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T190743_20230607T191120_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T195436_20230607T195649_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T195905_20230607T200628_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230607T200808_20230607T200858_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T202148_20230607T202223_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T203408_20230607T203812_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T204858_20230607T205105_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T213843_20230607T213929_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records fails outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T215849_20230607T215856_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T221133_20230607T221657_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T222923_20230607T223011_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T224519_20230607T224650_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T224653_20230607T224722_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230607T233559_20230607T233904_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T234020_20230607T234039_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230607T234742_20230607T235137_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
	Snow depth model	fails outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the outpart of the current ensure depth
CS_OFFL_SIR_SIN_2_20230607T054603_20230607T054926_E001	Mean Sea Surface model	fails outside of the extent of the current snow depth model There is an error with the Mean Sea Surface for one or more records
CS OFFL SIR SIN 2 20230607T072503 20230607T072823 E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS OFFL SIR SIN 2 20230607T104939 20230607T105142 E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS OFFL SIR SIN 2 20230607T122820 20230607T123515 E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_202306071190442_202306071190743_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230607T203812_20230607T204115_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230607T204344_20230607T204858_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230607T221657_20230607T222056_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230607T235322_20230607T235927_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 243		
Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230607T001141_20230607T001325_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230607T001425_20230607T002439_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_20230607T003146_20230607T004447_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_20230607T010006_20230607T011626_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_220230607T012931_20230607T013023_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230607T013025_20230607T013625_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230607T015830_20230607T022439_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_20230607T022809_20230607T023009_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230607T024010_20230607T030413_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_20230607T030629_20230607T031311_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230607T033607_20230607T040318_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_20230607T041841_20230607T044633_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_220230607T044636_20230607T044644_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_20230607T045034_20230607T045601_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_220230607T050921_20230607T054208_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_20230607T062215_20230607T062311_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_220230607T062838_20230607T062936_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_220230607T063305_20230607T063626_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_220230607T064820_20230607T072155_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_220230607T073751_20230607T074952_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_220230607T075036_20230607T075519_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_220230607T075845_20230607T080315_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_220230607T081325_20230607T081333_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_220230607T082622_20230607T090025_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_220230607T091930_20230607T095045_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_220230607T100335_20230607T102331_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_220230607T102333_20230607T104003_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_220230607T105733_20230607T111110_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_220230607T112442_20230607T112631_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_220230607T112656_20230607T112711_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_220230607T112919_20230607T112931_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_220230607T114240_20230607T115013_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_LRM_220230607T115251_20230607T120312_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_220230607T123515_20230607T123636_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_220230607T123956_20230607T124823_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_220230607T125215_20230607T125704_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_220230607T133551_20230607T135729_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_220230607T141253_20230607T143715_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_220230607T151031_20230607T151031_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230607T151241_20230607T153720_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_220230607T155229_20230607T162524_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_220230607T164840_20230607T170729_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_220230607T173221_20230607T180514_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_220230607T181823_20230607T181928_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_220230607T182705_20230607T182729_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_220230607T184038_20230607T184232_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_220230607T184452_20230607T185520_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_220230607T191120_20230607T194721_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_220230607T195649_20230607T195905_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_220230607T200628_20230607T200808_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_220230607T201538_20230607T202148_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_220230607T202223_20230607T203408_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_220230607T205105_20230607T212719_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_220230607T213929_20230607T215848_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_220230607T215856_20230607T221133_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_220230607T223011_20230607T224519_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_220230607T224722_20230607T225732_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_220230607T231931_20230607T233559_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_SAR_220230606T235726_20230606T235925_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230606T235946_20230607T000008_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T000008_20230607T000416_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T000657_20230607T000845_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T001325_20230607T001425_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T004447_20230607T004716_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T005920_20230607T010006_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T011627_20230607T011902_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

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Corper_Lim_Gen_C	CS_OFFL_SIR_SAR_220230607T031923_20230607T032303_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
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G OFFL SIN SAR 2. 20230807104739.0000007104731 E001 Backecatte Enror (Retacker 9) There is a backacatter error for Retracker 2 and 3 for one or more records GS_OFFL_SIN_SAR_2_20230807104051.20230807104051.2001 Backecatter Enror (Retacker 9) There is a backacatter error for Retracker 2 and 3 for one or more records GS_OFFL_SIN_SAR_2_202308071040519_202308071040519_E001 Backecatter Enror (Retacker 9) There is a backacatter error for Retracker 2 and 3 for one or more records GS_OFFL_SIN_SAR_2_20230807104019_202308071040192_200308071040192_2	CS_OFFL_SIR_SAR_220230607T040318_20230607T040613_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Bedecatter Error (Renzber 2) Bedecatter Error (Renzber 2) Sc. OFFL_SIR_SAR_2_20230007T045501_20230607T045551_E001 Bedecatter Error (Renzber 2) Sc. OFFL_SIR_SAR_2_20230007T045501_20230607T045551_E001 Bedecatter Error (Renzber 2) Sc. OFFL_SIR_SAR_2_20230007T05100_0023_E001 Bedecatter Error (Renzber 2) Sc. OFFL_SIR_SAR_2_20230007T05100_0023_E001 Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter Error (Renzber 2) There is a backcatter error for Retracker 2 and 3 for one or more records Bedecatter E	CS_OFFL_SIR_SAR_2_20230607T041750_20230607T041841_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230607T062052_20230607T050157_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T050150_20230607T050550_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T054009_20230607T054608_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T054009_20230607T054608_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T054009_20230607T054608_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T054009_20230607T054008_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T054209_20230607T05400_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T062045_20230607T062558_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T062045_20230607T062558_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T06258_20230607T06258_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T06258_20230607T06258_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T06258_20230607T062645_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CS_OFFL_SIR_SAR_2_20230607T06258_20230607T05201E_E001 Backscatter Error (Retracker 2); Backscatter Error (Retracker 2); CR_OFFL_SIR_SAR_2_20230607T06258_20230607T075501_E001 Backscatter Error (Retracker 2); CR_OFFL_SIR_SAR_2_20230607T0705520_20230607T075501_E001 Backscatter Err	CS_OFFL_SIR_SAR_2_20230607T044645_20230607T044713_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
US_OPEL_SIR_SAR_2_20230607T05150_20230607T05400_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OPEL_SIR_SAR_2_20230607T05400_20230607T05400_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OPEL_SIR_SAR_2_20230607T05500_20230607T055400_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OPEL_SIR_SAR_2_20230607T05560_20230607T05560_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OPEL_SIR_SAR_2_20230607T06231_20230607T062555_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OPEL_SIR_SAR_2_20230607T06231_20230607T062515_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OPEL_SIR_SAR_2_20230607T06231_20230607T062515_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OPEL_SIR_SAR_2_20230607T062541_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OPEL_SIR_SAR_2_20230607T072555_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OPEL_SIR_SAR_2_20230	CS_OFFL_SIR_SAR_2_20230607T045601_20230607T045651_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_a0200071000103_002000710054003_E001 Badvacatter Enror (Retracker 3) Index a badvacatter enror for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20200071055009_202300071055008_E001 Badvacatter Enror (Retracker 3) There is a backscatter enror for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2020007105009_202300071050033_E001 Badvacatter Enror (Retracker 3) There is a backscatter enror for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20200071060345_R02300071062535_E001 Badvacatter Enror (Retracker 3) There is a backscatter enror for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20200071062315_R02306071062543_E001 Badvacatter Enror (Retracker 3) There is a backscatter enror for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20200071062368_R02306071062543_E001 Badvacatter Enror (Retracker 3) There is a backscatter enror for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20200071062368_R02306071062543_E001 Badvacatter Enror (Retracker 3) There is a backscatter enror for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20200071072568_R02306071072503_E001 Badvacatter Enror (Retracker 3) There is a backscatter enror for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20206071072503_E001 Badvacatter Enror (Retracker 3) There is a backscatter enror for Retracker 2 and 3 for one or more records CS_OFFL_SI	CS_OFFL_SIR_SAR_2_20230607T045722_20230607T050137_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
US_0FF_SIR_SAR_2_2020807T05509_2020807T05509_2020807T055503_E001 Backscatter Error (Retracker 2), Backscatter Error (Re	CS_OFFL_SIR_SAR_220230607T050150_20230607T050553_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230607106204_20230607106253_E001 Backscatter Enor (Retracker 3) There is a backscatter enor for Retracker 2), Backscatter Enor (Retracker 3) CS_OFFL_SIR_SAR_2_202306071062311_20230607106253_E001 Backscatter Enor (Retracker 3) There is a backscatter enor for Retracker 2), Backscatter Enor (Retracker 3) CS_OFFL_SIR_SAR_2_202306071062311_20230607106253_E001 Backscatter Enor (Retracker 3) There is a backscatter enor for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202306071062543_E001 Backscatter Enor (Retracker 2), Backscatter Enor (Retracker 3) There is a backscatter enor for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202306071062336_202306071063159_E001 Backscatter Enor (Retracker 3) There is a backscatter enor for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607106236_202306071062451_E001 Backscatter Enor (Retracker 3) There is a backscatter enor for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202306071072155_202306071072503_E001 Backscatter Enor (Retracker 2), Backscatter enor for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202306071072155_202306071072503_E001 Backscatter Enor (Retracker 2), Backscatter enor for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202306071070452_202306071075038_E001 Backscatter Enor (Retracker 2), Backscatter enor for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202306071060512_20230607106033_E001 <td>CS_OFFL_SIR_SAR_2_20230607T054209_20230607T054603_E001</td> <td>There is a backscatter error for Retracker 2 and 3 for one or more records</td>	CS_OFFL_SIR_SAR_2_20230607T054209_20230607T054603_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230607T062311_20230607T062525_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_2_20230607T055609_20230607T055803_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
GS_OFFL_SIR_SAR_2_2023060/T06258_2023060/T06258_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2023060/T06258_2023060/T06258_2023060/T06258_2023060/T063159_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2023060/T06258_2023060/T06358_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2023060/T06368_2023060/T06451_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2023060/T0705636_2023060/T072155_2023060/T072503_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2023060/T07360/_2023060/T07361_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2023060/T07360/_2023060/T070361_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2023060/T080315_2023060/T07080422_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2023060/T080933_E001 Backscatter Error (Retracker 2). There is a backscatter error for Retracker 2 and 3 for o	CS_OFFL_SIR_SAR_2_20230607T060245_20230607T060533_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_2023060/T08256_2023060/T08256_2023060/T083159_E001 Backscatter Error (Retracker 2), Backscatter Error	CS_OFFL_SIR_SAR_2_20230607T062311_20230607T062525_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
GS_OFFL_SIR_SAR_2_20230607T063626_20230607T064451_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T072155_20230607T072503_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T073507_20230607T072503_E001 Backscatter Error (Retracker 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_20230607T074952_20230607T075036_E001 Backscatter Error (Retracker 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_20230607T074952_20230607T075036_E001 Backscatter Error (Retracker 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_20230607T080315_20230607T080422_E001 Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T080315_20230607T08033_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker	CS_OFFL_SIR_SAR_2_20230607T062526_20230607T062643_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230607T07805_20230607T072503_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T072155_20230607T072503_E001 Backscatter Error (Retracker 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_20230607T073507_20230607T073507_20230607T07351_E001 Backscatter Error (Retracker 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_20230607T074952_20230607T075036_E001 Backscatter Error (Retracker 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_20230607T080315_20230607T080422_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T080512_20230607T080933_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T080933_20230607T081325_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T081334_20230607T08134_20230607T08134_E001 Backscatter Error (Retracker 3), Backs	CS_OFFL_SIR_SAR_220230607T062936_20230607T063159_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230607107235_202306071072305_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20230607T081334_20230607T081325_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker	CS_OFFL_SIR_SAR_2_20230607T063626_20230607T064451_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_2023060/T07395/2023060/T07395/2023060/T07395/2003067 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2023060/T074952_2023060/T075036_E001 Backscatter Error (Retracker 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_2023060/T080315_2023060/T080315_2023060/T080422_E001 Backscatter Error (Retracker 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_2023060/T080512_2023060/T080933_E001 Backscatter Error (Retracker 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_2023060/T080933_2023060/T080933_E001 Backscatter Error (Retracker 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_2023060/T080933_2023060/T081325_E001 Backscatter Error (Retracker 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_2023060/T081334_2023060/T081334_2023060/T08139_E001 Backscatter Error (Retracker 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_20230	CS_OFFL_SIR_SAR_2_20230607T072155_20230607T072503_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202306071074952_202306071075036_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T080315_20230607T080422_E001 Backscatter Error (Retracker 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_20230607T080512_20230607T080933_E001 Backscatter Error (Retracker 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_20230607T080933_20230607T081325_E001 Backscatter Error (Retracker 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_20230607T081334_20230607T081335_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T081334_20230607T081439_E001 Backscatter Error (Retracker 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_20230607T090025_20230607T090132_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 an	CS_OFFL_SIR_SAR_2_20230607T073507_20230607T073751_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T080512_20230607T080933_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T080512_20230607T080933_E001 Backscatter Error (Retracker 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_20230607T080933_20230607T081325_E001 Backscatter Error (Retracker 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_20230607T081334_20230607T081325_E001 Backscatter Error (Retracker 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_20230607T081334_20230607T081439_E001 Backscatter Error (Retracker 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_20230607T081721_20230607T082504_E001 Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T090025_20230607T090132_E001 Backscatter Error (Retracker 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_20230607T090025_20230607T090132_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_	CS_OFFL_SIR_SAR_220230607T074952_20230607T075036_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230607T080933_20230607T081325_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T081334_20230607T081325_E001 Backscatter Error (Retracker 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_20230607T081334_20230607T081334_20230607T081439_E001 Backscatter Error (Retracker 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_20230607T081721_20230607T082504_E001 Backscatter Error (Retracker 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_20230607T090025_20230607T090132_E001 Backscatter Error (Retracker 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_20230607T090025_20230607T090132_E001 Backscatter Error (Retracker 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_20230607T091348_20230607T091340_E001 Backscatter Error (Retracker 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_20230607T080315_20230607T080422_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230607T081334_20230607T081325_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T081334_20230607T081349_E001 Backscatter Error (Retracker 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_20230607T081721_20230607T082504_E001 Backscatter Error (Retracker 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_20230607T090025_20230607T090132_E001 Backscatter Error (Retracker 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_20230607T090025_20230607T090132_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230607T091348_20230607T090132_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20230607T080512_20230607T080933_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230607T081721_20230607T082504_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_2_20230607T080933_20230607T081325_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230607T090025_20230607T090132_E001 Backscatter Error (Retracker 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_20230607T090025_20230607T090132_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_220230607T081334_20230607T081439_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202306071090025_202306071090132_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20230607T081721_20230607T082504_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_2_20230607T090025_20230607T090132_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_2_20230607T091348_20230607T091930_E001	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230607T095045_20230607T095112_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T095623_20230607T100335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T104004_20230607T104037_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T105143_20230607T105150_E001	Backscatter Error (Retracker 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_20230607T105312_20230607T105733_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T112712_20230607T112919_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T112931_20230607T113011_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T113119_20230607T113323_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T113538_20230607T114103_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T120312_20230607T120451_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T121901_20230607T121951_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T125826_20230607T125947_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T130643_20230607T130910_E001	Backscatter Error (Retracker 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_20230607T131410_20230607T131438_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T131521_20230607T131931_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T133446_20230607T133551_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T135729_20230607T135858_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T141119_20230607T141253_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T145234_20230607T145557_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T145557_20230607T150159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T153720_20230607T153823_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T155010_20230607T155229_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T162935_20230607T163651_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T163826_20230607T164205_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T170729_20230607T171147_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T171636_20230607T171832_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T172903_20230607T173221_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T180601_20230607T180646_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T180852_20230607T181536_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T181536_20230607T181606_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T181725_20230607T181823_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T182043_20230607T182112_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T182236_20230607T182357_E001	Backscatter Error (Retracker 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_20230607T182729_20230607T182758_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230607T182808_20230607T183045_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T184336_20230607T184452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T185520_20230607T185802_E001	Backscatter Error (Retracker 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 20230607T190743 20230607T191120 E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20230607T194721 20230607T195436 E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20230607T195436 20230607T195649 E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20230607T195905 20230607T200628 E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20230607T200808 20230607T200858 E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_2_20230607T202148_20230607T202223_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T203408_20230607T203812_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T204858_20230607T205105_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T212719_20230607T212840_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T212900_20230607T213332_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T213332_20230607T213446_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T213843_20230607T213929_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T221133_20230607T221657_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T222923_20230607T223011_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T224519_20230607T224650_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T224653_20230607T224722_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T230820_20230607T231207_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T231207_20230607T231334_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T234742_20230607T235137_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230607T235206_20230607T235223_E001	Backscatter Error (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_220230606T235925_20230606T235946_E001	Backscatter Error (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_220230607T000416_20230607T000521_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_220230607T000606_20230607T000657_E001	track Angle Error 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_220230607T000846_20230607T001051_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_220230607T003038_20230607T003146_E001	Backscatter Error (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_220230607T004717_20230607T004913_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_220230607T005732_20230607T005919_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_220230607T012417_20230607T012805_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_220230607T014330_20230607T014838_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_220230607T022650_20230607T022809_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_220230607T023010_20230607T023052_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_220230607T023558_20230607T023840_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_220230607T030413_20230607T030511_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_220230607T031641_20230607T031713_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_220230607T031746_20230607T031923_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_220230607T032303_20230607T032332_E001	Backscatter Error (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_220230607T032351_20230607T033607_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_220230607T040613_20230607T040734_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_220230607T040818_20230607T041016_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230607T041619_20230607T041750_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_220230607T045651_20230607T045722_E001	Backscatter Error (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_220230607T050137_20230607T050150_E001	Backscatter Error (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_220230607T050553_20230607T050921_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_220230607T054603_20230607T054926_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_220230607T055451_20230607T055609_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_220230607T063214_20230607T063305_E001	Backscatter Error (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_220230607T064452_20230607T064820_E001	Backscatter Error (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_220230607T072503_20230607T072823_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_220230607T073343_20230607T073507_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_220230607T081439_20230607T081721_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_220230607T090132_20230607T090336_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_220230607T091219_20230607T091348_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_220230607T095112_20230607T095135_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_220230607T095520_20230607T095623_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_220230607T104037_20230607T104214_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_220230607T104939_20230607T105142_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_220230607T105150_20230607T105312_E001	Backscatter Error (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_220230607T113011_20230607T113119_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_220230607T113323_20230607T113451_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_220230607T113451_20230607T113538_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_220230607T114103_20230607T114240_E001	Backscatter Error (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_220230607T115013_20230607T115251_E001	Backscatter Error (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_220230607T121952_20230607T122139_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_220230607T122659_20230607T122704_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230607T122715_20230607T122719_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230607T122820_20230607T123515_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_20230607T123636_20230607T123956_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20230607T124823_20230607T125215_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_220230607T125704_20230607T125826_E001	Backscatter Error (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_220230607T130911_20230607T130945_E001	Backscatter Error (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_220230607T130948_20230607T131410_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_220230607T131438_20230607T131521_E001	Backscatter Error (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_220230607T131931_20230607T131951_E001	Backscatter Error (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_220230607T133014_20230607T133414_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_220230607T135858_20230607T140213_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_20230607T140910_20230607T141119_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_20230607T144638_20230607T145233_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20230607T150857_20230607T151014_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_20230607T153823_20230607T153955_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_20230607T154513_20230607T154519_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230607T154846_20230607T155010_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220230607T162524_20230607T162935_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_220230607T163652_20230607T163826_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20230607T171832_20230607T171957_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_20230607T172750_20230607T172903_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_20230607T180514_20230607T180601_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20230607T180647_20230607T180852_E001	Backscatter Error (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_20230607T181606_20230607T181725_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20230607T181928_20230607T182009_E001	Backscatter Error (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_20230607T182112_20230607T182235_E001	Backscatter Error (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_220230607T182759_20230607T182807_E001	Backscatter Error (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_20230607T185802_20230607T185928_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_220230607T190442_20230607T190743_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_220230607T203812_20230607T204115_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_20230607T204344_20230607T204858_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_20230607T212841_20230607T212859_E001	Backscatter Error (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_220230607T213446_20230607T213843_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_20230607T221657_20230607T222056_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_20230607T222252_20230607T222443_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230607T222756_20230607T222922_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_220230607T225733_20230607T230034_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_220230607T230643_20230607T230820_E001	Backscatter Error (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_20230607T231335_20230607T231450_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_220230607T231651_20230607T231931_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_20230607T235138_20230607T235206_E001	Backscatter Error (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_220230607T235322_20230607T235927_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