

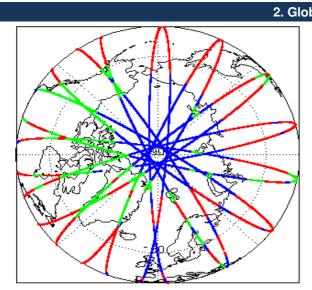
QA4EO Daily Report for OFFLINE data:

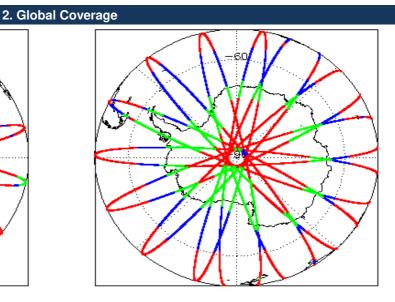
<u>27/10/2021</u>

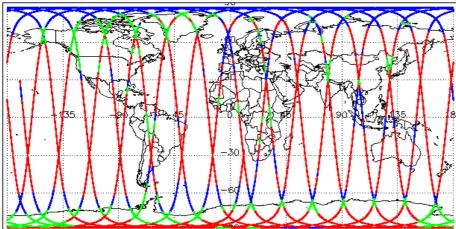
Report Production Date:	25-Nov-2021	Check	Status
Report Production Date:	23-1100-2021	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor used.	CryoSal ice Frocessor	Product Software Check	Nominal
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal
Data Used:		Product Header Analysis	Nominal
		Star Tracker Usage Check	Nominal
		L1B Tracking Flag Check	See Section 4.4
		L1B Calibration Usage Check	Nominal
		L1B & L2 Auxiliary Data File Usage Check	Nominal
		L1B & L2 Auxiliary Correction Error Check	Nominal
		L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
		QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

1. Overview

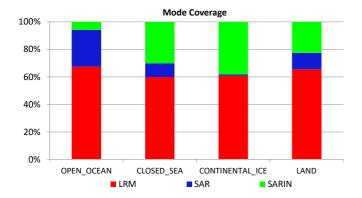
Mission / Instrument News		
26-Oct-2021	None	
27-Oct-2021	None	
28-Oct-2021	Nothing planned	

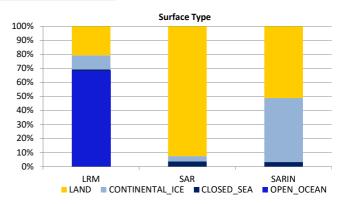






Mode Coverage (%)			
	LRM 66.4		
	SAR	20.7	
	SARIn	13.0	





3. Instrument	Configuration

The SIRAL instrument configuration for the day of acqui	isition is provided below.
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SIRAL	instrun	nent(s)) in use
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SIRAL - A e:

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

4.3 Star Tracker Usage Check

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

Corp.F., SHL, LM, 18, 2011/2710304, 2011/27103012, E001 Loss of exho The tracking exh a mixing for one or more records Corp.F., SHL, LM, 18, 2011/027101230, 2011/027101210, E001 Loss of exho The tracking exh a mixing for one or more records Co., OFFL, SHL, LM, 18, 2011/027101230, 2011/027101210, E001 Loss of exho The tracking exh a mixing for one or more records Co., OFFL, SHL, LM, 18, 2011/027101230, 2011/027102210, E001 Loss of exho The tracking exh a mixing for one or more records Co., OFFL, SHL, LM, 18, 2011/027102204, 2011/02720201, E001 Loss of exho The tracking exh a mixing for one or more records Co., OFFL, SHL, LM, 18, 2011/027102204, 2011/02720201, E001 Loss of exho The tracking exh a mixing for one or more records Co., OFFL, SHL, LM, 18, 2011/027102208, 2011/02720301, E001 Loss of exho The tracking exh a mixing for one or more records Co., OFFL, SHL, LM, 18, 2011/027102208, 2011/02720301, E001 Loss of exho The tracking exh a mixing for one or more records Co., OFFL, SHL, LM, 18, 2011/027102208, 2011/027204208, E001 Loss of exho The tracking exh a mixing for one or more records Co., OFFL, SHL, LM, 18, 2011/027102208, 2011/027104208, E001 Loss of exho The tracking exh a mixing for one or more records Co., OFFL, SHL, LM, 18, 2011/027104208, 2011/027104408, E001 Loss of exho <th>Product</th> <th>Test Failed</th> <th>Description</th>	Product	Test Failed	Description
CS OFFL SIR LBM, 18 20211027101200 20211027101210 Loss of exho The tracking exho is missing for one or more records CS OFFL, SIR LBM, 18 20211027101200 20211027101230, 20211027101303, 20211027101303, 20211027101303, 20211027101303, 20211027101303, 20211027101303, 20211027101303, 20211027101303, 20211027101303, 20211027101303, 20211027101303, 2021102710303, 2001102710303, 2001102710303, 2001102710303, 20011027103030, 2001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR LMM, 18, 20211027102302, 20211027103030, E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR LMM, 18, 20211027103030, E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR LMM, 18, 20211027103030, E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR LMM, 18, 20211027103030, E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR LMM, 18, 20211027103145, E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR LMM, 18, 20211027103189, 202110271034349, E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR LMM, 18, 20211027104329, 202110271043519, E001 Loss of exho The tracking exho is missing for one or more records CS, OFFL, SIR LMM, 18, 20211027104329, 202110271043519, E001 Loss	CS_OFFL_SIR_LRM_1B_20211027T004840_20211027T010002_E001	Loss of echo	The tracking echo is missing for one or more records
CB_OFF_SIR_LBM_1B_202110271012308_20211027101231 Loss of exho The tracking exho is missing for one or more records CB_OFF_SIR_LBM_1B_20211027101233 20211027101233 20211027101233 20211027101233 CB_OFF_SIR_LBM_1B_20211027102338 20211027101233 202110271012348 20211027102348 CB_OFF_SIR_LBM_1B_20211027102348 20211027102348 20211027102348 20211027102348 CB_OFF_SIR_LBM_1B_20211027102348 20211027102348 20211027102348 20211027102348 CB_OFF_SIR_LBM_1B_20211027102348 20211027102348 20211027102348 20211027102344 CB_OFF_SIR_LBM_1B_20211027103344 20211027102344 E001 Loss of exho The tracking exho is missing for one rmore records CB_OFF_SIR_LBM_1B_20211027103345 20211027103446 E001 Loss of exho The tracking exho is missing for one rmore records CB_OFF_SIR_LBM_1B_20211027103355 20211027103555 E001 Loss of exho The tracking exho is missing for one rmore records CB_OFF_SIR_LBM_1B_20211027103355 20211027103555 E001 Loss of exho The tracking exho is missing for one rmore records CB_OFF_SIR_LBM_1B_202110271034352 202110271035455 E001 Loss of exho	CS_OFFL_SIR_LRM_1B_20211027T010004_20211027T010021_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LBM_18_202110277012318_20211027704283 Less of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_18_20211027704283 Z0211027704283 Z0211027704284 Z0211027704284 Z0211027704284 Z0211027704284 Z0211027704283 Z0211027704283 </td <td>CS_OFFL_SIR_LRM_1B_20211027T011930_20211027T012103_E001</td> <td>Loss of echo</td> <td>The tracking echo is missing for one or more records</td>	CS_OFFL_SIR_LRM_1B_20211027T011930_20211027T012103_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LRM_18_20211027701288_202110277044635_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027702482_20211027702546_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027702382_20211027702380_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027702380_20211027702381_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027702380_20211027703446_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027703371_20211027703446_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027703471_20211027703458_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027703471_20211027703458_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027704428_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027704428_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027704428_E001 Loss of echo The tracking ocho is missing for one or more records CS_OFF_SIR_LRM_18_20211027704428_E001	CS_OFFL_SIR_LRM_1B_20211027T012208_20211027T012311_E001	Loss of echo	The tracking echo is missing for one or more records
OS_OFFL_SIR_LBM_1B_202110277020415_20211027702380_E001 Loss of echo The tracking echo is missing for one or more records OS_OFFL_SIR_LBM_1B_20211027702374_20211027702380_E001 Loss of echo The tracking echo is missing for one or more records OS_OFFL_SIR_LBM_1B_20211027702380_20211027702380_E001 Loss of echo The tracking echo is missing for one or more records OS_OFFL_SIR_LBM_1B_20211027702380_20211027702381E_E001 Loss of echo The tracking echo is missing for one or more records OS_OFFL_SIR_LBM_1B_20211027702380_202110277023826_E001 Loss of echo The tracking echo is missing for one or more records OS_OFFL_SIR_LBM_1B_20211027703380_20211027703484_E001 Loss of echo The tracking echo is missing for one or more records OS_OFFL_SIR_LBM_1B_20211027703380_202110277040285_E001 Loss of echo The tracking echo is missing for one or more records OS_OFFL_SIR_LBM_1B_202110277040282_02110277040385<_E001	CS_OFFL_SIR_LRM_1B_20211027T012313_20211027T012700_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LAM_18_202110277023748_20211027702380_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20211027702380_2011027702380_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20211027702380_2011027702380_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20211027703380_2011027702380_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_202110277033741_20211027703396_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_202110277033741_20211027703391_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_202110277033741_20211027703498_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20211027703428_2011027704005_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20211027704382_2011027704005_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20211027704382_2011027704407_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LAM_18_20211027704382_2011027704407_E001 Loss of echo The tracking echo is missing for one or more records CS_OF	CS_OFFL_SIR_LRM_1B_20211027T012838_20211027T014633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LAM_18_20211027702382_20211027702380_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_20211027702381_20211027702381_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_20211027702381_20211027702384_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_20211027703389_20211027703355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_20211027703389_20211027703355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_20211027703389_20211027703355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_20211027704428_20211027704405_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_202110277044022_20211027704492_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_20211027704492_20211027704492_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_20211027704492_20211027704492_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LAM_18_20211027704492_20211027704492_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T020415_20211027T023746_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LAM_18_202110271023918_202110271023915_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_202110271023918_202110271023946_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_202110271033948_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_202110271033948_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_202110271033948_20211027103948E_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_202110271039428_20211027104305819_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_202110271043028_20211027104302_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_20211027104328_20211027104302_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_20211027104328_20211027104301Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_20211027104328_20211027104301Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_202110271044302_202110271045017_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_202110271044302_202110271051617_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_202110271044302_202110271051617_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_20211027104408_202110271051617_E001 <td< td=""><td>CS_OFFL_SIR_LRM_1B_20211027T023748_20211027T023820_E001</td><td>Loss of echo</td><td>The tracking echo is missing for one or more records</td></td<>	CS_OFFL_SIR_LRM_1B_20211027T023748_20211027T023820_E001	Loss of echo	The tracking echo is missing for one or more records
GS_OFF_SIR_LRM_18_20210271023914_20211027102408_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SIR_LRM_18_2021027103395_D2101027103405_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SIR_LRM_18_2021027103395_D2101027103455_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SIR_LRM_18_2021027103438_2021027103458_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SIR_LRM_18_2021027103438_2021027104058_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SIR_LRM_18_2021027104328_2021027104002_0221027104005_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SIR_LRM_18_20211027104322_20211027104402_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20211027104423_2011027104402_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_202110271044542_20211027104407_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_202110271044542_202110271044047_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_202110271045428_202110271054515_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T023822_20211027T023903_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_IRM_IB_20211027703392_0211027703402E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_IRM_IB_20211027703392_0211027703408E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_IB_20211027703341_02211027703408E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_IB_20211027703428_20211027703408E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_IB_20211027704328_20211027704408E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_IB_20211027704328_20211027704408E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_IB_20211027704328_202110277045319_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_IB_202110277045420_202110277054519_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_IB_20211027705428_202110277054515_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_IB_20211027705428_20211027705438_202110277054	CS_OFFL_SIR_LRM_1B_20211027T023906_20211027T023911_E001	Loss of echo	The tracking echo is missing for one or more records
GS_OFFL_SIR_LRM_1B_20211027T03159_20211027T032445_E001 Loss of echo The tracking echo is missing for one or more records GS_OFFL_SIR_LRM_1B_20211027T03374_20211027T03358_E001 Loss of echo The tracking echo is missing for one or more records GS_OFFL_SIR_LRM_1B_20211027T03374_20211027T03358_E001 Loss of echo The tracking echo is missing for one or more records GS_OFFL_SIR_LRM_1B_20211027T04328_20211027T04358_E001 Loss of echo The tracking echo is missing for one or more records GS_OFFL_SIR_LRM_1B_20211027T04328_20211027T044302_E001 Loss of echo The tracking echo is missing for one or more records GS_OFFL_SIR_LRM_1B_20211027T04522_20211027T045312_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20211027T04523_20211027T045407_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20211027T045402_20211027T054507_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20211027T045402_20211027T054505_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20211027T05458_20211027T05458_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20211027T05458_20211027T05458_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T023914_20211027T023916_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20211027T033355_201Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T04028_20211027T044058_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T04028_20211027T044058_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T041032_20211027T044002_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T041222_20211027T044002_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T045322_20211027T045407_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T04542_20211027T045407_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T04542_20211027T054507_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T05452_20211027T05458_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T05452_20211027T05458_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T05458_20211027T05458_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T05458_20211027T05458_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T05458_20211027T05458_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T05458_20211027T054	CS_OFFL_SIR_LRM_1B_20211027T023920_20211027T024026_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL_SIR_LRM_1B_20211027T034058_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T034028_20211027T04308_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T041329_20211027T04103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T045202_20211027T04530E_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T045202_20211027T04530F_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T045342_20211027T045407_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T045402_20211027T054517_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T054587_20211027T054587_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T054587_20211027T054818_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05482_20211027T05482_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05482_20211027T05482_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05482_20211027T05482_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05482_20211027T05482_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05518_202110	CS_OFFL_SIR_LRM_1B_20211027T031159_20211027T032445_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL_SIR_LRM_18_20211027T03438_20211027T04383_E001Loss of echoThe tracking echo is missing for one or more recordsCS, OFFL_SIR_LRM_18_20211027T040022_20211027T041005_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T04322_20211027T043205_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T045223_20211027T045205_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T045222_20211027T045407_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T045409_20211027T056407_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054232_20211027T056453Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054322_20211027T056453Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054822_20211027T054825_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054822_20211027T054825_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054831_20211027T054825_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054832_20211027T054825_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054842_20211027T054825_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2021102	CS_OFFL_SIR_LRM_1B_20211027T033359_20211027T033555_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20211027T040022_20211027T041039_2001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T04328_20211027T043025_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T04528_20211027T04539_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T045402_2011027T045407_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T045402_20211027T054507_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054537_20211027T055155_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054537_20211027T055155_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055438_20211027T055155_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_20211027T055438_2021102	CS_OFFL_SIR_LRM_1B_20211027T033741_20211027T034058_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T04329_20211027T04329_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T04522_20211027T045319_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T045342_20211027T045349_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T045342_20211027T045407_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05428_20211027T054545_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T054585_2011027T05465_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T054585_2011027T054685_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T054829_20211027T054829_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T054831_20211027T055138_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055138_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055138_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05134_20211027T05534_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211	CS_OFFL_SIR_LRM_1B_20211027T034328_20211027T035819_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_202110277043224_202110277045319_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277045232_202110277045319_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277045342_202110277045409_202110277056047_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277045342_202110277056047_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277054309_202110277056455_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027705437_202110277054655_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277054829_20211027705483_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277054831_202110277054829_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277054831_202110277055138_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277055138_202110277055138_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277055142_202110277055134_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277065142_202110277065134_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110277065142_202110277065134_E001Loss of echoThe tracking echo is missing for one or more recordsC	CS_OFFL_SIR_LRM_1B_20211027T040022_20211027T041013_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20211027T045322_20211027T045319_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T045409_20211027T050047_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T054499_20211027T051517_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T054857_20211027T054655_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T054822_20211027T054825_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T054822_20211027T054822_20211027T054822_20211027T054822_20211027T054822_20211027T054822_20211027T054822_20211027T054822_20211027T054822_20211027T05513_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T05513_20211027T05513_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T05513_20211027T05513_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T05534_20211027T05534_20211027T05531_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T06134_20211027T06134_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T06134_20211027T062107_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T065030_20211027T062642_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_IB_20211027T070647_20	CS_OFFL_SIR_LRM_1B_20211027T041329_20211027T042005_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20211027T045342_20211027T045407_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054209_20211027T05128_20211027T051517_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054237_20211027T054555_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054537_20211027T054625_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054622_20211027T054829_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054822_20211027T054829_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T05482_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055138_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055138_20211027T055329_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055344_20211027T05534_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T065147_20211027T06544_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T06503_20211027T06544_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T06503_20211027T076544_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFF	CS_OFFL_SIR_LRM_1B_20211027T043224_20211027T044902_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20211027T05409_20211027T050047_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T05402_20211027T054655_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054537_20211027T054818_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T054622_20211027T054818_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T05482_20211027T05482_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055138_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055138_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055148_20211027T055329_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055344_20211027T055951_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T055344_20211027T065951_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T051517_20211027T06594Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T061517_20211027T06594Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20211027T061544_20211027T06594_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_	CS_OFFL_SIR_LRM_1B_20211027T045223_20211027T045319_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T05128_20211027T051517_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T054537_20211027T054818_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05482_20211027T054818_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05482_20211027T054829_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T054831_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05548_2021027T05515_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05548_2021027T05595_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T06534_20211027T05595_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T06134_20211027T061354_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061517_20211027T062107_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T065030_20211027T06504_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T066030_20211027T065030_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T070247_E011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T	CS_OFFL_SIR_LRM_1B_20211027T045342_20211027T045407_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_202110271054537_202110271054655_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110271054736_202110271054818_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110271054822_202110271054829_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110271054831_202110271055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110271055138_202110271055155_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110271055199_202110271055329_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027105534_202110271055316_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110271061134_20211027106134_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027106302_20211027106404_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202110271070247_202110271070247_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027107047_20211027107030_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027107047_202110271070301_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027107304_202110271073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2021	CS_OFFL_SIR_LRM_1B_20211027T045409_20211027T050047_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T054736_20211027T054818_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T054822_20211027T054829_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055139_20211027T055329_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055344_20211027T055351_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T06134_20211027T061354_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061517_20211027T062107_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T064542_20211027T064644_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T07247_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070347_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07347_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073515_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07347_	CS_OFFL_SIR_LRM_1B_20211027T051228_20211027T051517_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T054822_20211027T055835_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055139_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055344_20211027T055359_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055344_20211027T055351_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T06134_20211027T051354_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T06134_20211027T06134_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061517_20211027T064644_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T0766904_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07291_20211027T072647_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07291_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073047_20211027T073045Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_	CS_OFFL_SIR_LRM_1B_20211027T054537_20211027T054655_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T054831_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055155_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055139_20211027T055329_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055344_20211027T05534_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061134_20211027T061354_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061517_20211027T06157_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T062352_20211027T06644_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072447_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07291_20211027T072447_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073180_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073050_E0011027T075318_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073050_	CS_OFFL_SIR_LRM_1B_20211027T054736_20211027T054818_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05534_20211027T055329_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T05534_20211027T055951_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061134_20211027T061354_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061517_20211027T062107_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T062352_20211027T066404_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T062302_20211027T065904_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07291_20211027T072647_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07291_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075825_20211027T075831_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075825_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_	CS_OFFL_SIR_LRM_1B_20211027T054822_20211027T054829_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T055159_20211027T055329_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T055344_20211027T055951_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061134_20211027T061354_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061517_20211027T062107_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T062352_20211027T064644_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T065030_20211027T065904_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072647_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075252_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM	CS_OFFL_SIR_LRM_1B_20211027T054831_20211027T055135_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T055344_20211027T055951_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061134_20211027T061354_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061517_20211027T062107_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T065352_20211027T06644_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T065030_20211027T065904_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072647_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T07351_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075825_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075825_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075825_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1	CS_OFFL_SIR_LRM_1B_20211027T055138_20211027T055155_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T061134_20211027T061354_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T061517_20211027T062107_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T062352_20211027T066444_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T065030_20211027T065904_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072647_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T072911_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07347_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_	CS_OFFL_SIR_LRM_1B_20211027T055159_20211027T055329_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T061517_20211027T062107_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T062352_20211027T066444_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T065030_20211027T065904_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072647_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T072911_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T055344_20211027T055951_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T062352_20211027T064644_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T065030_20211027T065904_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072647_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075252_20211027T07531_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075252_20211027T07531_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T061134_20211027T061354_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T065030_20211027T065904_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072647_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T061517_20211027T062107_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072647_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T072911_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T07525_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T062352_20211027T064644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T072911_20211027T072930_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075225_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075225_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T065030_20211027T065904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075225_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075225_20211027T075631_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T070247_20211027T072647_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20211027T075225_20211027T075631_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T072911_20211027T072930_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T075225_20211027T075631_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T073047_20211027T073051_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T073150_20211027T073518_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20211027T075225_20211027T075631_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211027T075834_20211027T075837_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20211027T075826_20211027T075832_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20211027T075834_20211027T075837_E001	Loss of echo	The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20211027T075840 20211027T080121 E001 CS OFFL SIR LRM 1B 20211027T080124 20211027T082557 E001 CS_OFFL_SIR_LRM_1B_20211027T084213_20211027T090758_E001 CS_OFFL_SIR_LRM_1B_20211027T090800_20211027T091026_E001 CS_OFEL_SIR_LBM_1B_20211027T091101_20211027T091318_E001 CS_OFFL_SIR_LRM_1B_20211027T091318_20211027T091553_E001 CS_OFFL_SIR_LRM_1B_20211027T103035_20211027T103527_E001 CS_OFFL_SIR_LRM_1B_20211027T104001_20211027T104542_E001 CS OFFL SIR LRM 1B 20211027T104938 20211027T105104 E001 CS_OFFL_SIR_LRM_1B_20211027T105104_20211027T105256_E001 CS OFFL SIR LRM 1B 20211027T111042 20211027T114338 E001 CS_OFFL_SIR_LRM_1B_20211027T121949_20211027T122635_E001 CS_OFFL_SIR_LRM_1B_20211027T122801_20211027T122954_E001 CS_OFFL_SIR_LRM_1B_20211027T124748_20211027T131800_E001 CS_OFFL_SIR_LRM_1B_20211027T131811_20211027T132300_E001 CS OFFL SIR LRM 1B 20211027T142624 20211027T142643 E001 CS_OFFL_SIR_LRM_1B_20211027T142647_20211027T142736_E001 CS_OFFL_SIR_LRM_1B_20211027T142738_20211027T142755_E001 CS OFFL SIR LRM 1B 20211027T142757 20211027T144647 E001 CS OFFL SIR LRM 1B 20211027T145049 20211027T145559 E001 CS_OFFL_SIR_LBM_1B_20211027T145639_20211027T150214_E001 CS OFFL SIR LRM 1B 20211027T152112 20211027T153336 E001 CS OFFL SIR LRM 1B 20211027T160519 20211027T160530 E001 CS OFFL SIR LRM 1B 20211027T160533 20211027T160538 E001 CS_OFFL_SIR_LRM_1B_20211027T160543_20211027T160545_E001 CS_OFFL_SIR_LRM_1B_20211027T160547_20211027T160604_E001 CS OFFL SIR LRM 1B 20211027T160609 20211027T160612 E001 CS_OFFL_SIR_LRM_1B_20211027T160614_20211027T160622_E001 CS_OFFL_SIR_LRM_1B_20211027T160626_20211027T160833_E001 CS OFFL SIR LRM 1B 20211027T160838 20211027T160934 E001 CS OFFL SIR LRM 1B 20211027T160936 20211027T161111 E001 CS OFFL SIR LRM 1B 20211027T161329 20211027T162437 E001 CS OFFL SIR LRM 1B 20211027T162837 20211027T164102 E001 CS OFFL SIR LRM 1B 20211027T170320 20211027T170718 E001 CS OFFL SIR LRM 1B 20211027T170721 20211027T170738 E001 CS_OFFL_SIR_LRM_1B_20211027T170741_20211027T170741_E001 CS OFFL SIR LBM 1B 20211027T170744 20211027T170939 E001 CS OFFL SIR LRM 1B 20211027T171525 20211027T172801 E001 CS_OFFL_SIR_LRM_1B_20211027T172924_20211027T173142_E001 CS_OFFL_SIR_LRM_1B_20211027T174358_20211027T174858_E001 CS OFFL SIR LRM 1B 20211027T174936 20211027T175003 E001 CS_OFFL_SIR_LRM_1B_20211027T175005_20211027T175030_E001 CS_OFFL_SIR_LRM_1B_20211027T175033_20211027T175447_E001 CS OFFL SIR LRM 1B 20211027T175450 20211027T175452 E001 CS OFFL SIR LRM 1B 20211027T175455 20211027T175500 E001 CS_OFFL_SIR_LBM_1B_20211027T175507_20211027T175508_E001 CS OFFL SIR LRM 1B 20211027T175510 20211027T175540 E001 CS OFFL SIR LRM 1B 20211027T175628 20211027T175743 E001 CS OFFL SIB LBM 1B 20211027T182855 20211027T183012 E001 CS_OFFL_SIR_LRM_1B_20211027T183608_20211027T190128_E001 CS_OFFL_SIR_LRM_1B_20211027T190403_20211027T190922_E001 CS_OFFL_SIR_LRM_1B_20211027T191045_20211027T191134 E001 CS_OFFL_SIR_LRM_1B_20211027T192332_20211027T193022_E001 CS OFFL SIR LRM 1B 20211027T193500 20211027T195524 E001 CS OFFL SIR LRM 1B 20211027T210357 20211027T211217 E001 CS OFFL SIR LRM 1B 20211027T211222 20211027T211241 E001 CS OFFL SIR LRM 1B 20211027T211243 20211027T213823 E001 CS_OFFL_SIR_LRM_1B_20211027T214159_20211027T214648_E001 CS OFFL SIR LRM 1B 20211027T214654 20211027T215023 E001 CS OFFL SIR LRM 1B 20211027T223959 20211027T224254 E001 CS_OFFL_SIR_LRM_1B_20211027T224458_20211027T224711_E001 CS_OFFL_SIR_LRM_1B_20211027T224745_20211027T224838_E001 CS_OFEL_SIB_LBM_1B_20211027T225025_20211027T225125_E001 CS_OFFL_SIR_LRM_1B_20211027T225307_20211027T230130_E001 CS_OFFL_SIR_LRM_1B_20211027T230237_20211027T230509_E001 CS_OFFL_SIR_LRM_1B_20211027T230511_20211027T230624_E001 Loss of echo oss of echo Loss of echo oss of echo Loss of echo oss of echo Loss of echo

The tracking echo is missing for one or more records The tracking echo is missing for one or more records

Loss of echo

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors: 0

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

Phase Perturbation Flag: This flag is currently set for all L1B SARIn products, indicating that the ADC correction application is deactivated, but this is in line with the current configuration. Number of products with errors: 3

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20211027T075225_20211027T075631_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_20211027T084213_20211027T090758_E001	IEcho error IBK 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_20211027T172924_20211027T173142_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

5.3 L2 Auxiliary Data File Usage Check

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

 Number of products with errors:
 0

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag (field 50) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

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

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220211026T235720_20211027T000659_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_220211027T002456_20211027T004556_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_220211027T004840_20211027T010002_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_220211027T012208_20211027T012311_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_220211027T012838_20211027T014633_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_220211027T020415_20211027T023746_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_220211027T023822_20211027T023903_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20211027T025201_20211027T031145_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_220211027T031159_20211027T032445_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_220211027T034328_20211027T035819_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_220211027T040022_20211027T041013_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_220211027T041329_20211027T042005_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211027T043224_20211027T044902_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_20211027T052309_20211027T053647_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_220211027T053826_20211027T053916_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_20211027T054822_20211027T054829_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20211027T055159_20211027T055329_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211027T055344_20211027T055951_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211027T061134_20211027T061354_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_20211027T062352_20211027T064644_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_20211027T070247_20211027T072647_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_220211027T080124_20211027T082557_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_220211027T084213_20211027T090758_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_20211027T091702_20211027T091934_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_220211027T093333_20211027T100336_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_220211027T102119_20211027T102525_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_220211027T103035_20211027T103527_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_220211027T111042_20211027T114338_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_220211027T120150_20211027T121725_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_220211027T122801_20211027T122954_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_220211027T124748_20211027T131800_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_220211027T131811_20211027T132300_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_220211027T134047_20211027T140514_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_220211027T140620_20211027T141303_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_220211027T142757_20211027T144647_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_220211027T145049_20211027T145559_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_220211027T145639_20211027T150214_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_220211027T152112_20211027T153336_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_220211027T153458_20211027T155147_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_220211027T161329_20211027T162437_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_220211027T162837_20211027T164102_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_220211027T165745_20211027T170220_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_220211027T171525_20211027T172801_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_220211027T172924_20211027T173142_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_220211027T175033_20211027T175447_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211027T175455_20211027T175500_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211027T180553_20211027T181946_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_220211027T183608_20211027T190128_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_220211027T192332_20211027T193022_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211027T193500_20211027T195524_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_220211027T195556_20211027T195856_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_220211027T201455_20211027T204114_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_220211027T211243_20211027T213823_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_220211027T215538_20211027T222820_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_220211027T223959_20211027T224254_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_220211027T225307_20211027T230130_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_220211027T233444_20211027T235521_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SAR_2_20211027T000659_20211027T001105_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T002046_20211027T002455_E001	Backscatter Error (Retracker 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_20211027T004556_20211027T004840_E001	Backscatter Error (Retracker 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_20211027T010021_20211027T010735_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T010735_20211027T010937_E001	Backscatter Error (Retracker 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_20211027T011204_20211027T011929_E001	Backscatter Error (Retracker 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_20211027T012103_20211027T012208_E001	Backscatter Error (Retracker 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_20211027T014634_20211027T015119_E001	Backscatter Error (Retracker 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_20211027T020202_20211027T020415_E001	Backscatter Error (Retracker 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_20211027T024027_20211027T024132_E001	Backscatter Error (Retracker 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_20211027T024201_20211027T024630_E001	Backscatter Error (Retracker 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_20211027T024630_20211027T024745_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T025147_20211027T025200_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T031146_20211027T031159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T032445_20211027T033124_E001	Backscatter Error (Retracker 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_20211027T034227_20211027T034328_E001	Backscatter Error (Retracker 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_20211027T035819_20211027T040021_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T042005_20211027T042503_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T042503_20211027T042635_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T050048_20211027T050436_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T050516_20211027T050527_E001	Backscatter Error (Retracker 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_20211027T052143_20211027T052309_E001	Backscatter Error (Retracker 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_20211027T053647_20211027T053826_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T053916_20211027T054209_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T054209_20211027T054536_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T055952_20211027T060600_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T060820_20211027T060903_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T062108_20211027T062229_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T064644_20211027T064844_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T070050_20211027T070247_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T073704_20211027T073716_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T073716_20211027T073945_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T074002_20211027T074059_E001	Backscatter Error (Retracker 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_20211027T074122_20211027T074532_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_220211027T082557_20211027T082822_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 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_20211027T083950_20211027T084213_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records

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CS_OFFL_SIR_SAR_2_20211027T091553_20211027T091702_E001	Backscatter Error (Retracker 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_20211027T091934_20211027T092614_E001	Backscatter Error (Retracker 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_20211027T100336_20211027T100809_E001	Backscatter Error (Retracker 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_20211027T101901_20211027T102119_E001	Backscatter Error (Retracker 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_20211027T102525_20211027T103035_E001	Backscatter Error (Retracker 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_20211027T104543_20211027T104715_E001	Backscatter Error (Retracker 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_20211027T104841_20211027T104913_E001	Backscatter Error (Retracker 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_20211027T105257_20211027T105347_E001	Backscatter Error (Retracker 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_20211027T105510_20211027T105555_E001	Backscatter Error (Retracker 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_20211027T105922_20211027T110710_E001	Backscatter Error (Retracker 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_20211027T114339_20211027T114748_E001	Backscatter Error (Retracker 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_20211027T115736_20211027T120150_E001	Backscatter Error (Retracker 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_20211027T122635_20211027T122801_E001	Backscatter Error (Retracker 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_20211027T123008_20211027T123057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T123057_20211027T123549_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T123729_20211027T123843_E001	Backscatter Error (Retracker 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_20211027T123921_20211027T124748_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T132300_20211027T132505_E001	Backscatter Error (Retracker 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_20211027T133635_20211027T134047_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T140514_20211027T140620_E001	Backscatter Error (Retracker 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_20211027T141417_20211027T141428_E001	Backscatter Error (Retracker 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_20211027T141857_20211027T142623_E001	Backscatter Error (Retracker 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_20211027T144647_20211027T144801_E001	Backscatter Error (Retracker 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_20211027T144802_20211027T145049_E001	Backscatter Error (Retracker 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_20211027T145600_20211027T145639_E001	Backscatter Error (Retracker 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_20211027T150215_20211027T150314_E001	Backscatter Error (Retracker 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_20211027T151423_20211027T152111_E001	Backscatter Error (Retracker 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_20211027T153337_20211027T153458_E001	Backscatter Error (Retracker 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_20211027T155808_20211027T160329_E001	Backscatter Error (Retracker 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_20211027T160359_20211027T160518_E001	Backscatter Error (Retracker 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_20211027T162438_20211027T162837_E001	Backscatter Error (Retracker 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_20211027T164102_20211027T164225_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T165335_20211027T165543_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T165716_20211027T165745_E001	Backscatter Error (Retracker 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_20211027T170221_20211027T170320_E001	Backscatter Error (Retracker 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_20211027T173703_20211027T174147_E001	Backscatter Error (Retracker 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_20211027T174147_20211027T174357_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T175745_20211027T180553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T181947_20211027T182150_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T183339_20211027T183608_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T190128_20211027T190403_E001	Backscatter Error (Retracker 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_20211027T191526_20211027T192032_E001	Backscatter Error (Retracker 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_20211027T192111_20211027T192332_E001	Backscatter Error (Retracker 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_20211027T195525_20211027T195556_E001	Backscatter Error (Retracker 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_20211027T195857_20211027T200118_E001	Backscatter Error (Retracker 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_20211027T201256_20211027T201455_E001	Backscatter Error (Retracker 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_20211027T204115_20211027T204311_E001	Backscatter Error (Retracker 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_20211027T205219_20211027T210110_E001	Backscatter Error (Retracker 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_20211027T210130_20211027T210357_E001	Backscatter Error (Retracker 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_20211027T213824_20211027T214035_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T215158_20211027T215538_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T223142_20211027T223959_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211027T224254_20211027T224457_E001	Backscatter Error (Retracker 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_20211027T224838_20211027T225025_E001	Backscatter Error (Retracker 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_20211027T225126_20211027T225307_E001	Backscatter Error (Retracker 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_20211027T231055_20211027T231321_E001	Backscatter Error (Retracker 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_20211027T231503_20211027T232028_E001	Backscatter Error (Retracker 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_20211027T233030_20211027T233444_E001	Backscatter Error (Retracker 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_20211027T235521_20211027T235806_E001	Backscatter Error (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_20211027T001106_20211027T001232_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_20211027T001744_20211027T002045_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_220211027T015119_20211027T015422_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter 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_220211027T015647_20211027T020201_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_20211027T024133_20211027T024200_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_220211027T024746_20211027T024834_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_220211027T033125_20211027T033359_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_220211027T033555_20211027T033741_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211027T034059_20211027T034226_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_20211027T041014_20211027T041328_E001	Backscatter Error (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_220211027T042635_20211027T042750_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_220211027T042946_20211027T043224_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_220211027T050437_20211027T050515_E001	Backscatter Error (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_220211027T050626_20211027T051228_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_20211027T051518_20211027T051530_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211027T052000_20211027T052143_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_220211027T060903_20211027T061043_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_20211027T061057_20211027T061134_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_20211027T061355_20211027T061517_E001	Backscatter Error (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_20211027T062229_20211027T062352_E001	Backscatter Error (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_220211027T064844_20211027T065030_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211027T065905_20211027T070050_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211027T072647_20211027T072910_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_220211027T072930_20211027T073047_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_20211027T073945_20211027T074002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20211027T074100_20211027T074122_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20211027T074532_20211027T075015_E001	Bačkščatter 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_20211027T082823_20211027T082958_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_20211027T083126_20211027T083244_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211027T083703_20211027T083949_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_220211027T092615_20211027T093333_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_20211027T100809_20211027T101158_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_20211027T101744_20211027T101901_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_20211027T104716_20211027T104841_E001	Backscatter Error (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_20211027T105347_20211027T105509_E001	Backscatter Error (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_20211027T105602_20211027T105646_E001	Backscatter Error (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_20211027T105833_20211027T105922_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_20211027T110710_20211027T110828_E001	Backscatter Error (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_220211027T110910_20211027T111042_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_20211027T114749_20211027T115104_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_20211027T115616_20211027T115736_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_220211027T121726_20211027T121949_E001	Backscatter Error (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_220211027T123844_20211027T123920_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_20211027T131801_20211027T131811_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_20211027T132506_20211027T132916_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_20211027T133524_20211027T133634_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_20211027T141428_20211027T141653_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T141736_20211027T141856_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T150314_20211027T150441_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T151238_20211027T151423_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T155147_20211027T155607_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T155651_20211027T155807_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 2 track Angle Error	K 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_220211027T160329_20211027T160359_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T161112_20211027T161329_E001	Backscatter Error (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_220211027T164226_20211027T164409_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 2 track Angle Error	K 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_220211027T164934_20211027T164940_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211027T165059_20211027T165335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 2 track Angle Error Backscatter Error (Retracker 2),	K 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_220211027T165544_20211027T165715_E001	Backscatter Error (Retracker 3), SARIn 3 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_220211027T172801_20211027T172924_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_220211027T173142_20211027T173224_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T173236_20211027T173510_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T173520_20211027T173703_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 2 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_220211027T182150_20211027T182344_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T182834_20211027T182840_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211027T183013_20211027T183339_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 track Angle Error Backscatter Error (Retracker 2),	K 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_220211027T191134_20211027T191525_E001	Backscatter Error (Retracker 3), SARIn 3 track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211027T192033_20211027T192111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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_220211027T193022_20211027T193203_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_20211027T193252_20211027T193500_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_20211027T200118_20211027T200344_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 2 track Angle Error	K 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_220211027T200733_20211027T200739_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211027T201120_20211027T201255_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 2 track Angle Error Backscatter Error (Potracker 2)	K 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_220211027T204311_20211027T205218_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 2 track Angle Error, Surface model unavailable Backscatter Error (Retracker 2)	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_20211027T210111_20211027T210129_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 2 track Angle Error, Surface model unavailable Backgatter Error (Retracker 2)	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211027T214035_20211027T214159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 2 track Angle Error	K 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_220211027T214648_20211027T214654_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211027T215024_20211027T215157_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn 3 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

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CS_OFFL_SIR_SIN_220211027T222820_20211027T222833_E001	Backscatter Error (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_220211027T222833_20211027T222939_E001	Backscatter Error (Hetracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211027T223019_20211027T223142_E001	Backscatter Error (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_20211027T232029_20211027T232153_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_220211027T232718_20211027T233030_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