

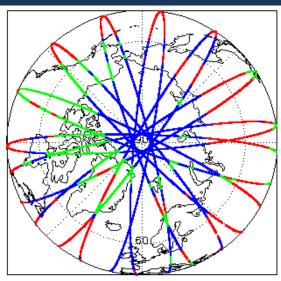
1. Overview

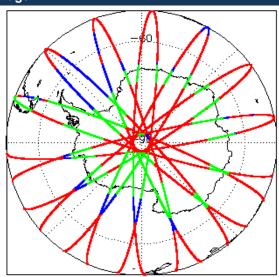
Report Production Date:	09-Apr-2020	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

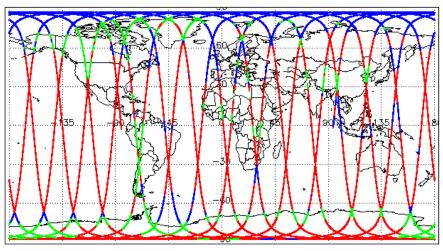
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

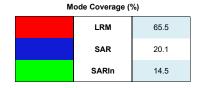
I	Mission / Instrument News	
	10-Mar-2020	None
	11-Mar-2020	Due to connectivity issues in Kiruna, AUX files dissemination was interrupted for a few hours
	12-Mar-2020	Nothing planned

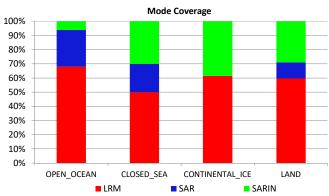
2. Global Coverage

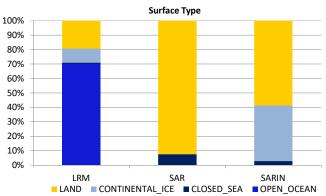












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

0

4.2 L1B Product Header Analysis

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

Number of products with errors:

0

4.3 Star Tracker Usage Check

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

Number of products with errors:

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.

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20200310T234122_20200311T000548_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T000552_20200311T001520_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T002924_20200311T003435_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T003438_20200311T003629_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T003632_20200311T003712_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T003823_20200311T003911_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T004313_20200311T010438_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T011436_20200311T011804_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T012021_20200311T014859_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T014902_20200311T014925_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T014928_20200311T014943_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T021153_20200311T022113_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T022116_20200311T024654_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T025334_20200311T025702_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T035108_20200311T035347_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T035420_20200311T035504_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T035703_20200311T035801_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T035826_20200311T040721_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T041055_20200311T041644_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T042824_20200311T043358_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T043912_20200311T051317_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T052919_20200311T052927_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T053341_20200311T053356_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T053407_20200311T053414_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T053821_20200311T054004_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T054147_20200311T054509_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T060745_20200311T061254_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T065423_20200311T065446_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T065451_20200311T065534_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T071733_20200311T072153_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T072249_20200311T074025_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T074956_20200311T075157_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T075848_20200311T081455_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T083301_20200311T083317_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T083323_20200311T083406_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T083410_20200311T083412_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T083416_20200311T083434_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T083438_20200311T083505_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T083509_20200311T083532_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T090715_20200311T092105_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T093748_20200311T095327_D001	Loss of echo	The tracking echo is missing for one or more records

	1	İ
CS_OFFL_SIR_LRM_1B_20200311T095529_20200311T100452_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T100745_20200311T101009_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T101012_20200311T101020_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T101024_20200311T101036_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T101039_20200311T101044_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T101046_20200311T101049_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T101052_20200311T101146_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T101149_20200311T101517_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T103016_20200311T103055_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T103244_20200311T104414_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T110713_20200311T111510_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T114049_20200311T114210_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T114600_20200311T114700_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T114706_20200311T114721_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T114724_20200311T114842_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T114845_20200311T114909_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T114912_20200311T115448_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T120931_20200311T121902_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T121919_20200311T124317_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T125627_20200311T132152_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T132549_20200311T133046_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T134739_20200311T134933_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T135324_20200311T142216_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T143510_20200311T150316_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T150319_20200311T150406_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T150410_20200311T150443_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T150445_20200311T150448_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T150454_20200311T150736_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T150809_20200311T151026_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T162355_20200311T163028_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T163209_20200311T163806_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T164340_20200311T164438_D001	Loss of echo Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T164450_20200311T164708_D001 CS_OFFL_SIR_LRM_1B_20200311T165031_20200311T165035_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T181621_20200311T182116_D001	Lanca of sub-	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 202003111182149 202003111182330 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T184243_20200311T184256_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T190702_20200311T191833_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T192623_20200311T193021_D001	Edds of dollo	•
	Loss of echo	The tracking echo is missing for one or more records
	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001	Loss of echo Loss 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 The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001	Loss of echo Loss of echo Loss 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 The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001	Loss of echo Loss 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 The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T20029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T21553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T210029_20200311T220106_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T21553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220645_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T220645_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T222045_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T221019_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T2221019_20200311T223725_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220119_20200311T220645_D001 CS_OFFL_SIR_LRM_1B_20200311T220119_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T222224_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225559_20200311T225618_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T220192_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T222244_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T225559_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225559_20200311T225900_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T221019_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T22224_20200311T225018_D001 CS_OFFL_SIR_LRM_1B_20200311T225559_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T221019_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T222042_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T225559_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T230433_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T231030_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T220645_D001 CS_OFFL_SIR_LRM_1B_20200311T22019_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T222244_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225559_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T23033_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T231030_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T231147_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T220192_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T22224_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T225559_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T231030_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T231147_D001 CS_OFFL_SIR_LRM_1B_20200311T231032_20200311T233200_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T22019_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T225599_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T230433_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T231030_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T231147_D001 CS_OFFL_SIR_LRM_1B_20200311T231557_20200311T232300_D001 CS_OFFL_SIR_LRM_1B_20200311T231557_20200311T233804_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T221019_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T22224_20200311T223725_D001 CS_OFFL_SIR_LRM_1B_20200311T225559_20200311T22500_D001 CS_OFFL_SIR_LRM_1B_20200311T235559_20200311T230433_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T230433_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T231030_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T231030_D001 CS_OFFL_SIR_LRM_1B_20200311T23101220200311T233000_D001 CS_OFFL_SIR_LRM_1B_20200311T231032_20200311T233000_D001 CS_OFFL_SIR_LRM_1B_20200311T233802_20200311T233804_D001 CS_OFFL_SIR_LRM_1B_20200311T233802_20200311T233804_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T211553_20200311T212842_D001 CS_OFFL_SIR_LRM_1B_20200311T220029_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T221019_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T222224_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T222224_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T23103433_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T231030_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T231030_D001 CS_OFFL_SIR_LRM_1B_20200311T231032_20200311T23300_D001 CS_OFFL_SIR_LRM_1B_20200311T231032_20200311T23300_D001 CS_OFFL_SIR_LRM_1B_20200311T233802_20200311T233804_D001 CS_OFFL_SIR_LRM_1B_20200311T233802_20200311T234441_D001 CS_OFFL_SIR_LRM_1B_20200311T233916_20200311T234441_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T201553_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T22015_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T22019_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T222224_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T225559_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T231030_D001 CS_OFFL_SIR_LRM_1B_20200311T231010_20200311T23100D001 CS_OFFL_SIR_LRM_1B_20200311T231032_20200311T233804_D001 CS_OFFL_SIR_LRM_1B_20200311T233802_20200311T233804_D001 CS_OFFL_SIR_LRM_1B_20200311T233916_20200311T234441_D001 CS_OFFL_SIR_LRM_1B_20200311T234414_20200311T234440_D001 CS_OFFL_SIR_LRM_1B_20200311T234414_20200311T234440_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T202115_20200311T202232_D001 CS_OFFL_SIR_LRM_1B_20200311T202235_20200311T202259_D001 CS_OFFL_SIR_LRM_1B_20200311T202303_20200311T202321_D001 CS_OFFL_SIR_LRM_1B_20200311T204026_20200311T204215_D001 CS_OFFL_SIR_LRM_1B_20200311T204220_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T201553_20200311T205806_D001 CS_OFFL_SIR_LRM_1B_20200311T201553_20200311T20106_D001 CS_OFFL_SIR_LRM_1B_20200311T220115_20200311T220106_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T220128_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T220132_20200311T22045_D001 CS_OFFL_SIR_LRM_1B_20200311T222024_20200311T222045_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225618_D001 CS_OFFL_SIR_LRM_1B_20200311T225642_20200311T225900_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T230433_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T230433_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T230433_D001 CS_OFFL_SIR_LRM_1B_20200311T230218_20200311T23147_D001 CS_OFFL_SIR_LRM_1B_20200311T233802_20200311T233804_D001 CS_OFFL_SIR_LRM_1B_20200311T233802_20200311T233804_D001 CS_OFFL_SIR_LRM_1B_20200311T233802_20200311T234441_D001 CS_OFFL_SIR_LRM_1B_20200311T233804_2000311T234441_D001 CS_OFFL_SIR_LRM_1B_20200311T233804_20200311T234504_D001 CS_OFFL_SIR_LRM_1B_20200311T233804_20200311T234504_D001 CS_OFFL_SIR_LRM_1B_20200311T234504_20200311T234559_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20200311T234814_20200311T234824_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200311T235123_20200311T235250_D001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

0

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

0

4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (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:

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:

U

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.

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: 5

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220200310T234122_20200311T000548_D001	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_220200311T000552_20200311T001520_D001	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_220200311T002924_20200311T003435_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200311T003438_20200311T003629_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200311T004313_20200311T010438_D001	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_220200311T012021_20200311T014859_D001	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_220200311T022116_20200311T024654_D001	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_220200311T025947_20200311T033447_D001	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_220200311T035826_20200311T040721_D001	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_220200311T043912_20200311T051317_D001	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_220200311T054631_20200311T060611_D001	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_220200311T061814_20200311T065300_D001	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_220200311T071733_20200311T072153_D001	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_220200311T072249_20200311T074025_D001	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_220200311T075848_20200311T081455_D001	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_220200311T081614_20200311T081723_D001	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_220200311T082059_20200311T082806_D001	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_220200311T084807_20200311T090556_D001	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_220200311T090715_20200311T092105_D001	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_220200311T093748_20200311T095327_D001	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_220200311T095529_20200311T100452_D001	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_220200311T103016_20200311T103055_D001	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_220200311T103244_20200311T104414_D001	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_220200311T111659_20200311T113233_D001	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_220200311T120931_20200311T121902_D001	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_220200311T121919_20200311T124317_D001	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_220200311T125627_20200311T132152_D001	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_220200311T135324_20200311T142216_D001	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_220200311T143510_20200311T150316_D001	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_220200311T152742_20200311T160124_D001	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_220200311T165135_20200311T165320_D001	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_220200311T170640_20200311T174047_D001	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_220200311T175301_20200311T181303_D001	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_220200311T184243_20200311T184256_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200311T184452_20200311T190553_D001	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_220200311T190702_20200311T191833_D001	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_220200311T193223_20200311T200125_D001	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_220200311T202809_20200311T203545_D001	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_20200311T204026_20200311T204215_D001	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_220200311T204220_20200311T205806_D001	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_220200311T211553_20200311T212842_D001	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_220200311T213056_20200311T214256_D001	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_20200311T220115_20200311T220128_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200311T221019_20200311T222045_D001	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_220200311T222224_20200311T223725_D001	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_220200311T230218_20200311T230433_D001	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_20200311T231154_20200311T231434_D001	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_20200311T231557_20200311T232300_D001	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_220200311T234414_20200311T234440_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200311T234814_20200311T234824_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200311T235427_20200311T235657_D001	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_220200311T235858_20200312T001622_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records