



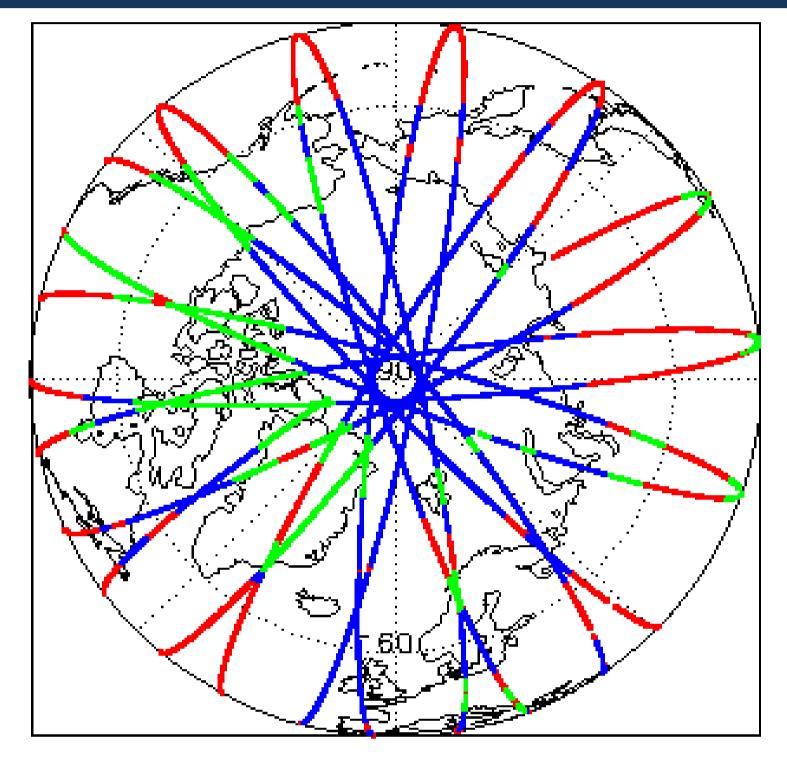
1. Overview

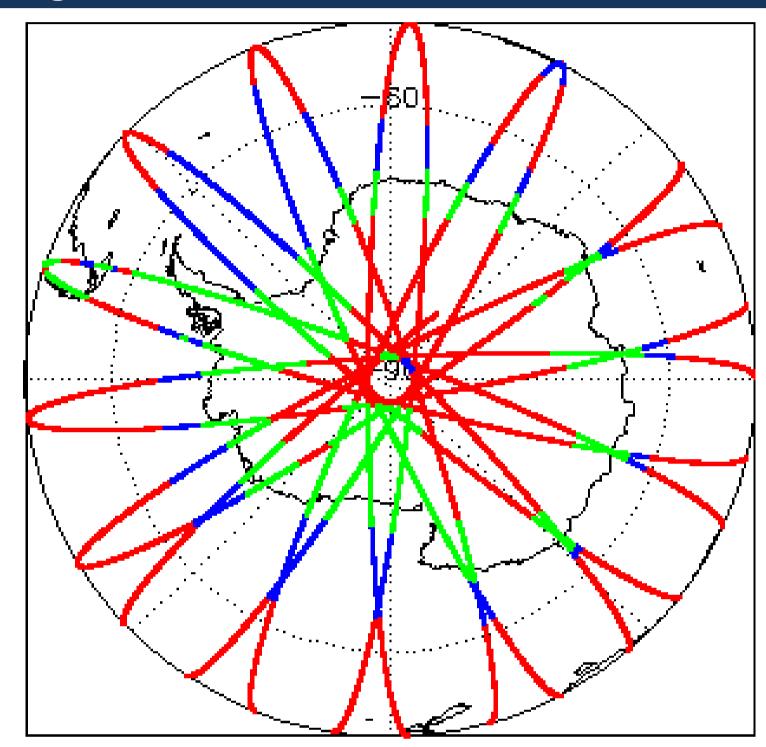
Report Production Date:	10-Jun-2020
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

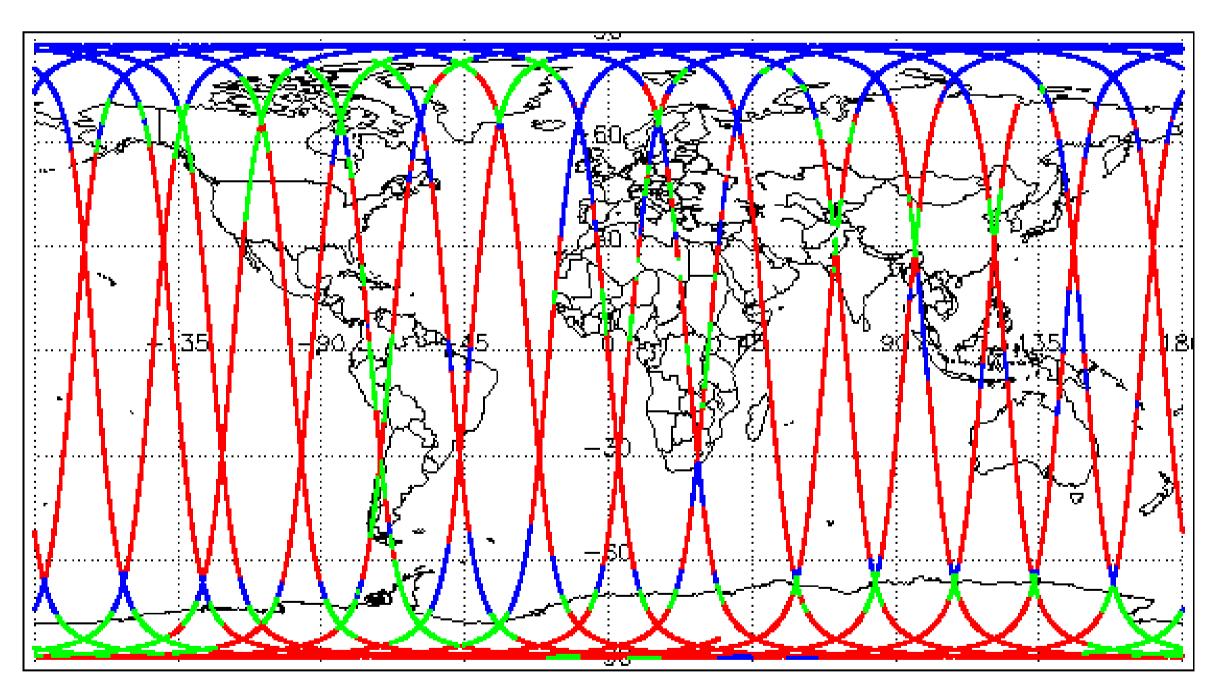
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

Mission / Instru	iment News
09-May-2020	None
10-May-2020	None
11-May-2020	Nothing planned

2. Global Coverage



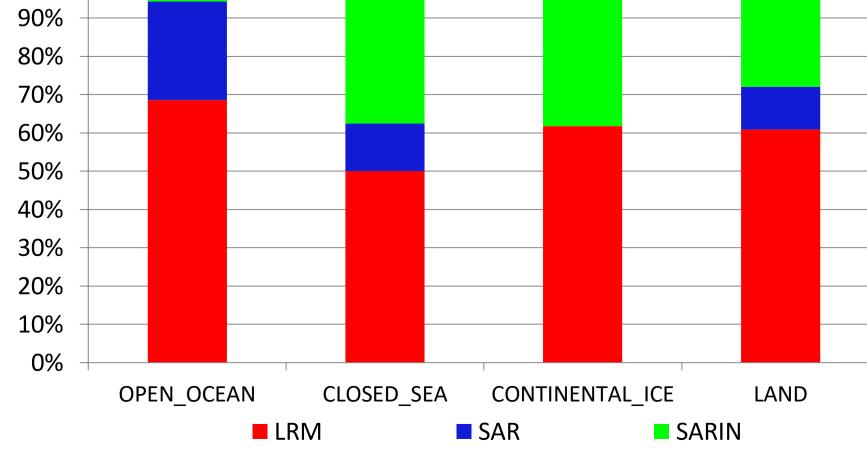


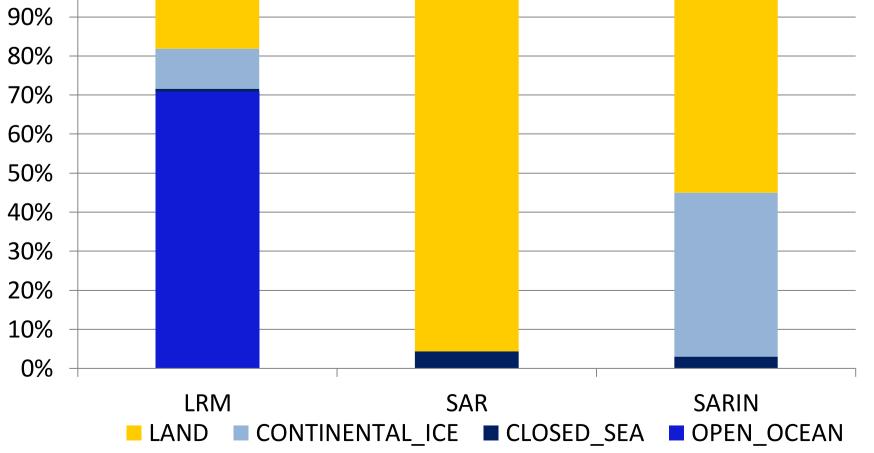




LRM	66.1
SAR	20.0
SARIn	13.9







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 th	e science server, is checked t	o 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 Analys	sis	
For all products, a series of pre-defined check	s 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:	0	
4.4 L1B Tracking Flags Check		
CryoSat L1B data includes a tracking flag for	each measurement record. Th	e bit value of this flag indicates any problems when set.
Loss of Echo Flag: This flag is currently set	or some products over land, b	out this is to be expected.

Number of products with errors:

106

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20200510T005843_20200510T010120_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T010153_20200510T010231_D001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20200510T010429_20200510T010509_D001 CS_OFFL_SIR_LRM_1B_20200510T010511_20200510T010534_D001 CS_OFFL_SIR_LRM_1B_20200510T010713_20200510T010752_D001 CS_OFFL_SIR_LRM_1B_20200510T010805_20200510T010940_D001 CS_OFFL_SIR_LRM_1B_20200510T010958_20200510T011331_D001 CS_OFFL_SIR_LRM_1B_20200510T011438_20200510T011454_D001 CS_OFFL_SIR_LRM_1B_20200510T011829_20200510T011959_D001 CS_OFFL_SIR_LRM_1B_20200510T012003_20200510T012442_D001 CS_OFFL_SIR_LRM_1B_20200510T023704_20200510T023718_D001 CS_OFFL_SIR_LRM_1B_20200510T024016_20200510T024022_D001 CS_OFFL_SIR_LRM_1B_20200510T024054_20200510T024125_D001 CS_OFFL_SIR_LRM_1B_20200510T024540_20200510T024738_D001 CS_OFFL_SIR_LRM_1B_20200510T024922_20200510T025210_D001 CS_OFFL_SIR_LRM_1B_20200510T031522_20200510T032030_D001 CS_OFFL_SIR_LRM_1B_20200510T032639_20200510T040040_D001 CS_OFFL_SIR_LRM_1B_20200510T040205_20200510T040224_D001 CS_OFFL_SIR_LRM_1B_20200510T040227_20200510T040305_D001 CS_OFFL_SIR_LRM_1B_20200510T042506_20200510T042936_D001 CS_OFFL_SIR_LRM_1B_20200510T050647_20200510T052101_D001 CS_OFFL_SIR_LRM_1B_20200510T052833_20200510T053637_D001 CS_OFFL_SIR_LRM_1B_20200510T054031_20200510T054056_D001 CS_OFFL_SIR_LRM_1B_20200510T054059_20200510T054104_D001 CS_OFFL_SIR_LRM_1B_20200510T054106_20200510T054121_D001 CS_OFFL_SIR_LRM_1B_20200510T054125_20200510T054128_D001 CS_OFFL_SIR_LRM_1B_20200510T054130_20200510T054131_D001 CS_OFFL_SIR_LRM_1B_20200510T054136_20200510T054140_D001

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

CS_OFFL_SIR_LRM_1B_20200510T054142_20200510T054143_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T054145_20200510T054152_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T054156_20200510T054203_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T054205_20200510T054223_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T054228_20200510T054301_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T061449_20200510T062854_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T063641_20200510T063843_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T064543_20200510T070100_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T070302_20200510T071224_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T071503_20200510T071849_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T071851_20200510T072247_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T073728_20200510T073832_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T073907_20200510T075128_D001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20200510T075135_20200510T075148_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T075806_20200510T080238_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T084822_20200510T084953_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T085329_20200510T085415_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T085431_20200510T085440_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T085443_20200510T085449_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T085451_20200510T085552_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T085554_20200510T085616_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T085618_20200510T085626_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T085628_20200510T090206_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T091658_20200510T095016_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T095600_20200510T100131_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T103319_20200510T103830_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T105300_20200510T105348_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T110048_20200510T110052_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T110056_20200510T110101_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T110106_20200510T112902_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T114040_20200510T114128_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T114325_20200510T121228_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T121231_20200510T121209_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T121543_20200510T121757_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T121343_20200510T121737_D001 CS_OFFL_SIR_LRM_1B_20200510T133112_20200510T133911_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T133112_20200510T133911_D001 CS_OFFL_SIR_LRM_1B_20200510T134031_20200510T134540_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T135109_20200510T135219_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T135311_20200510T135442_D001	Loss of echo
	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T141348_20200510T144734_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T152400_20200510T152825_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T152829_20200510T152851_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T152923_20200510T153103_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T155013_20200510T155050_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T161311_20200510T162552_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T163400_20200510T163756_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T172848_20200510T173100_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T174800_20200510T174921_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T174924_20200510T175203_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T175254_20200510T180526_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T182316_20200510T183617_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T190749_20200510T190837_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T190840_20200510T190840_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T190843_20200510T190849_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T190852_20200510T190853_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T190855_20200510T191432_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T191753_20200510T192648_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T192650_20200510T192819_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T192959_20200510T194412_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T200317_20200510T200527_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T200819_20200510T200820_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T200822_20200510T201225_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T201733_20200510T201736_D001	Loss of echo
CS_OFFL_SIR_LRM_1B_20200510T201739_20200510T201820_D001	Loss of echo
	Loss of echo

The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20200510T201824_20200510T2018	352_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T201900_20200510T2022	208_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T202331_20200510T2030	041_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T204536_20200510T2045	554_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T204634_20200510T2055	521_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T205856_20200510T2059	004_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T205906_20200510T2101	42_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T213746_20200510T2201	17_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T220119_20200510T2203	32_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T220336_20200510T2204	08_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T220410_20200510T2212	202_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T222908_20200510T2233	346_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200510T223757_20200510T2239	014_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	e 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-de	termined baseline and also to check the va	alidity 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 a	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 meas	surement record. The bit value of this flag	indicates any problems when set.
Currently, there are several common error flags raised in the Level 1B produ below, followed by a table of any additional issues arising from this test.	cts which are expected due to operation	nal mode or surface type. All common flags are summarised in the list
Block Degraded Flag: This flag is currently set for a number of individual records	generally at the start or end of products (a	Il modes), but this is to be expected.
Phase Perturbation Flag: This flag is currently set for all L1B SARIn products, inc	dicating that the ADC correction application	n is deactivated, but this is in line with the current configuration.
Number of products with errors: 4		
Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20200510T005843_20200510T010120_D001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

returned an error and the Rx1 Echo Error flag is set, echo returned an error and the Rx1 Echo Error flag is set,
returned an error and the Rx1 Echo Error flag is set.
echo
returned an error and the Rx1 Echo Error flag is set, echo
.DBL).
ľ

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.

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.

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

5.4 L2 Auxiliary Correction Error Check

Number of products with errors:

Number of products with errors:

0

0

0

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:

Test Failed Product Description Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more CS_OFFL_SIR_LRM_2__20200510T000819_20200510T004230_D001 Error (Retracker 2) records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records CS_OFFL_SIR_LRM_2__20200510T010713_20200510T010752_D001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more CS_OFFL_SIR_LRM_2__20200510T010805_20200510T010940_D001 Error (Retracker 2) records Height Error (Retracker 2), Height Error There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error CS_OFFL_SIR_LRM_2__20200510T014753_20200510T022122_D001 for Retracker 3 for one or more records (Retracker 2) Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more CS_OFFL_SIR_LRM_2__20200510T025400_20200510T031207_D001 Error (Retracker 2) records There is a height and backscatter error for Retracker 2 for one or more Height Error (Retracker 2), Backscatter CS_OFFL_SIR_LRM_2__20200510T032639_20200510T040040_D001 Error (Retracker 2) records Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more CS_OFFL_SIR_LRM_2__20200510T041432_20200510T041449_D001 Error (Retracker 2) records Height Error (Retracker 2), Height Error

CS_OFFL_SIR_LRM_220200510T042506_20200510T042936_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_220200510T043023_20200510T044802_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_220200510T050647_20200510T052101_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_220200510T052221_20200510T052353_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_220200510T052833_20200510T053637_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_220200510T054205_20200510T054223_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200510T055541_20200510T061315_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_220200510T061449_20200510T062854_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_220200510T064543_20200510T070100_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_220200510T070302_20200510T071224_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_220200510T071503_20200510T071849_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200510T073907_20200510T075128_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_220200510T075806_20200510T080238_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_220200510T080720_20200510T081054_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_220200510T082522_20200510T084008_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_220200510T091658_20200510T095016_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_220200510T100502_20200510T102916_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_220200510T110106_20200510T112902_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_220200510T114325_20200510T121228_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_220200510T121955_20200510T122053_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_220200510T123501_20200510T130755_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

or (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
ght Error (Retracker 2), Height Error .	
etracker 3), Backscatter Error	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
	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
	There is a height and backscatter error for Retracker 2 for one or more records
face Model Unavailable	No DEM or Slope Model was used for the location of one or more records
	There is a height and backscatter error for Retracker 2 for one or more records
	There is a height and backscatter error for Retracker 2 for one or more records
	There is a height and backscatter error for Retracker 2 for one or more records
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	There is a height and backscatter error for Retracker 2 for one or more records
Tracker 3) Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
	There is a height and backscatter error for Retracker 2 for one or more records
	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
	There is a height and backscatter error for Retracker 2 for one or more records
	There is a height and backscatter error for Retracker 2 for one or more records
face Model Unavailable	No DEM or Slope Model was used for the location of one or more records
	There is a height and backscatter error for Retracker 2 for one or more records
TACKELS) BACKSCATTELETTOL	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
ght Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more records
	There is a height and backscatter error for Retracker 2 for one or more records
	vailability ht Error (Retracker 2), Height Error racker 3), Backscatter Error racker 2) ht Error (Retracker 2), Backscatter r (Retracker 2) ht Error (Retracker 2), Height Error racker 3), Backscatter Error racker 3), Backscatter Error racker 3), Backscatter Error racker 2) ht Error (Retracker 2), Height Error racker 3), Backscatter Error racker 3), Backscatter Error racker 2) ht Error (Retracker 2), Height Error racker 3), Backscatter Error racker 3), Backscatter Error racker 3), Backscatter Error racker 3), Backscatter Error racker 2) ht Error (Retracker 2), Height Error racker 3), Backscatter Error racker 3), Backscatter Error racker 3), Backscatter Error racker 3), Backscatter Error racker 2) ht Error (Retracker 2), Height Error racker 3), Backscatter Error racker