

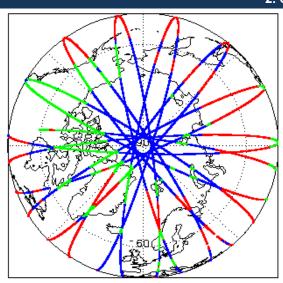
## 1. Overview

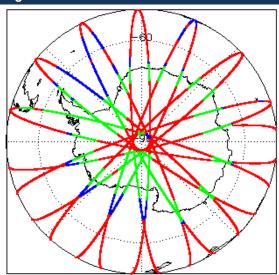
Report Production Date:	24-Apr-2020	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

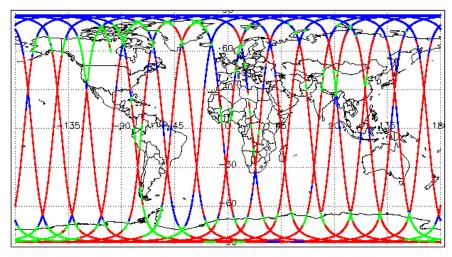
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

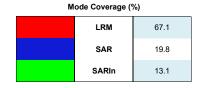
Mission / Instrument News		
24-Mar-2020	None	
25-Mar-2020	None	
26-Mar-2020	Nothing planned	

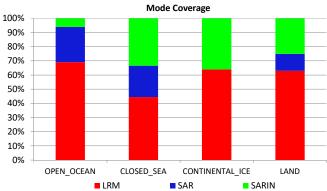
# 2. Global Coverage

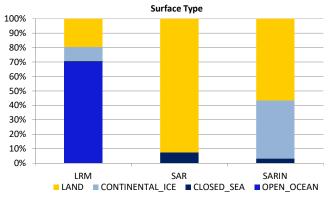












## 3. Instrument Configuration

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:

0

## 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.

lumber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20200325T001259_20200325T001936_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T001938_20200325T001955_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T002136_20200325T002230_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T002441_20200325T004455_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T004546_20200325T005034_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T015352_20200325T020256_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T020258_20200325T020259_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T020304_20200325T023004_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T023625_20200325T023955_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T033100_20200325T033223_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T033429_20200325T033645_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T033718_20200325T033808_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T033955_20200325T034057_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T034241_20200325T035126_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T035224_20200325T040021_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T041123_20200325T041648_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T051638_20200325T051724_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T052016_20200325T052546_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T055047_20200325T055546_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T060100_20200325T063440_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T063730_20200325T063839_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T063841_20200325T063852_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T074135_20200325T075738_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T075743_20200325T075914_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T080356_20200325T081210_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081523_20200325T081528_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081532_20200325T081535_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081538_20200325T081556_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081559_20200325T081603_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081605_20200325T081606_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081609_20200325T081643_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081645_20200325T081651_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081654_20200325T081656_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081703_20200325T081721_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081723_20200325T081725_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081727_20200325T081736_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081742_20200325T081744_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081748_20200325T081800_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T081804_20200325T081822_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T085009_20200325T090449_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200325T091152_20200325T091402_D001	Loss of echo	The tracking echo is missing for one or more records

Company   Comp	CS_OFFL_SIR_LRM_1B_20200325T092040_20200325T093617_D001	Loss of echo	The tracking echo is missing for one or more records
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Company   Comp			
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Co. CFT.   SR. LEM 18 20000257111912   200002571192   DOI			
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CS_OFFL_SIR_LRM_1B_20200325T193910_20200325T193948_D001  CS_OFFL_SIR_LRM_1B_20200325T193934_202003325T193937_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19393_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19393_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19392_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19393_D001  CS_OFFL_SIR_LRM_1B_20200325T19392_20200325T19393_D001  CS_OFFL_SIR_LRM_1B_20200325T19393_20200325T19393_D001  CS_OFFL_SIR_LRM_1B_20200325T19393_20200325T10393_D001  CS_OFFL_SIR_LRM_1B_20200325T10393_20200325T10393_D001  CS_OFFL_SIR_LRM_1B_20200325T10393_20200325T10393_D001  CS_OFFL_SIR_LRM_1B_20200325T10393_20200325T10393_D001  CS_OFFL_SIR_LRM_1B_20200325T10393_20200325T10393_D001  CS_OFFL_SIR_LRM_1B_20200325T10393_D00325T10393_D001  CS_OFFL_SIR_LRM_1B_20200325T10393_D00325T10393_D001  CS_OFFL_SIR_LRM_1B_20200325T10393_D00325T10393_D001  CS_OFFL_SIR_LRM_1B_20200325T10393_D00325T10393_D001  CS_OFFL_SIR_LRM_1B_20200325T10393_D00325T10393_D001  CS_OFFL_SIR_LRM_			
CS_OFFL_SIR_LRM_IB_20000325T10051_2000325T103145_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T146102_0000325T145503_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T146102_0000325T14503_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T146102_0000325T146250_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16402_0000325T16425_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16467_0000325T16432_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16467_0000325T16432_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16467_0000325T16432_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16108_0000325T161932_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16108_0000325T161932_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16108_0000325T161932_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T161932_0000325T162910_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16293_0000325T162910_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16293_0000325T162910_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16293_0000325T162910_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16293_0000325T162910_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20000325T16293_0000325T162930_0001  Loss of echo  The tracki			·
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CS_OFF_SIR_LRM_IB_2000325T144913_2000325T146936_0001			
CS_OFFL_SIR_LRM_IB_2000325T145106_20200325T145045_D001			
CS_OFFL_SIR_LRM_18_20200325T169047_20200325T195432_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T169047_20200325T195432_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T169064_20200325T1954036_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T169064_20200325T169566_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T169064_20200325T1691001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T169186_20200325T162104_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_20200325T162104_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_20200325T162910_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_20200325T162900_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_20200325T1629030_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_20200325T1629030_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_20200325T1829030_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T200407_20200325T200505T_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T200407_20200325T200505T_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T200407_20200325T200505T_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T200412_20200325T200415_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T200412_20200325T200410_D001  Lo			
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CS_OFFL_SIR_LRM_18_20200325T156957_20200325T16038_D001  CS_OFFL_SIR_LRM_18_20200325T16004_20200325T16038_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T16103_20200325T161757_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T16103_20200325T161757_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T16103_2020325T162104_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_2020325T162910_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_20200325T162960_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_20200325T162950_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T1762936_20200325T162950_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T1762936_20200325T162950_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T1762951_20200325T100339_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T162936_20200325T100339_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T200407_20200325T200510_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T200516_20200325T20055T_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T200516_20200325T200550_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T200512_2020325T200557_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200325T20424T_20030325T20447D_001  Loss of echo  The tracking echo is missing for one or more recor		Loss of echo	
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CS_OFFL_SIR_LRM_1B_20200325T20601_20200325T201839_D001  CS_OFFL_SIR_LRM_1B_20200325T202320_20200325T202415_D001  CS_OFFL_SIR_LRM_1B_20200325T202320_20200325T202415_D001  CS_OFFL_SIR_LRM_1B_20200325T202421_20200325T202427_D001  CS_OFFL_SIR_LRM_1B_20200325T202421_20200325T202427_D001  CS_OFFL_SIR_LRM_1B_20200325T202431_20200325T202427_D001  CS_OFFL_SIR_LRM_1B_20200325T202431_20200325T204105_D001  CS_OFFL_SIR_LRM_1B_20200325T202431_20200325T204105_D001  CS_OFFL_SIR_LRM_1B_20200325T205753_20200325T211138_D001  CS_OFFL_SIR_LRM_1B_20200325T212713_20200325T214805_D001  CS_OFFL_SIR_LRM_1B_20200325T214713_20200325T214805_D001  CS_OFFL_SIR_LRM_1B_20200325T2144063_20200325T214631_D001  CS_OFFL_SIR_LRM_1B_20200325T214633_20200325T214742_D001  CS_OFFL_SIR_LRM_1B_20200325T214715_20200325T214742_D001  CS_OFFL_SIR_LRM_1B_20200325T214744_20200325T215054_D001  CS_OFFL_SIR_LRM_1B_20200325T214744_20200325T215054_D001  CS_OFFL_SIR_LRM_1B_20200325T215321_20200325T215054_D001  CS_OFFL_SIR_LRM_1B_20200325T215321_20200325T225730_D001  CS_OFFL_SIR_LRM_1B_20200325T2252525_20200325T225730_D001  CS_OFFL_SIR_LRM_1B_20200325T225725001  CS_OFFL_SIR_LRM_1B_20200325T225730014_20001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T225730_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T225730_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T225700_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T225700_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T225700_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T225700_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T230708_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T230708_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T230708_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T230708_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T230708_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T230708_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T230708_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T230708_D001  CS_OFFL_SIR_LRM_1B_20200325T230014_20200325T230708_D001  CS_OFFL_SIR_LRM_1B_2020			
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Loss of echo	The tracking echo is missing for one or more records
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Loss of echo	The tracking echo is missing for one or more records
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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
Loss of echo	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:

## 4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

#### 4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20200325T002441_20200325T004455_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

## 5. Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

Number of products with errors:

#### 5.2 L2 Product Header Analysis

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

Number of products with errors:

## 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

#### 5.4 L2 Auxiliary Correction Error Check

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

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.

Product		Test Failed	Description
CS_OFFL_SIR_LRM_220200325T001938_20	0200325T001955_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200325T002441_20	0200325T004455_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_220200325T004546_20	0200325T005034_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_220200325T010317_20	0200325T013050_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_220200325T020304_20	0200325T023004_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_220200325T024254_20	0200325T031756_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_220200325T033100_20	0200325T033223_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_220200325T042151_20	0200325T044454_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_220200325T044740_20	0200325T045624_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_220200325T052852_20	0200325T054837_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_220200325T060100_20	0200325T063440_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_220200325T070030_20	0200325T072323_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_220200325T074135_20	0200325T075738_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_220200325T075743_20	0200325T075914_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_220200325T080356_20	0200325T081210_D001	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_220200325T083203_20	0200325T084755_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_220200325T085009_20	0200325T090449_D001	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_220200325T092040_20	0200325T093617_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_220200325T093818_20	0200325T094739_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_220200325T101215_20	0200325T101401_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200325T101550_20	0200325T102708_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_220200325T103211_20	0200325T104721_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_220200325T110004_20	0200325T111727_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_20200325T111910_20	0200325T112150_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_220200325T113136_20	0200325T113655_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200325T114908_20	0200325T114921_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_2_20200325T115909_20	0200325T120243_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_220200325T120246_20	0200325T122616_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_220200325T123910_20	0200325T130458_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_220200325T133756_20	0200325T140511_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_220200325T141820_20	0200325T144715_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_220200325T145449_20	0200325T145641_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_220200325T150947_20200325T154432_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_220200325T155649_20200325T160315_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_220200325T162736_20200325T162810_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_220200325T163325_20200325T163702_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_220200325T164931_20200325T165800_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_220200325T170045_20200325T172350_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_220200325T173548_20200325T174918_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_220200325T175106_20200325T175550_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_220200325T182815_20200325T190147_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_220200325T191958_20200325T195109_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_220200325T201112_20200325T201839_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_220200325T202320_20200325T202415_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_220200325T202431_20200325T204105_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_220200325T205753_20200325T211138_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_220200325T211427_20200325T212526_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_220200325T215321_20200325T220339_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_220200325T220519_20200325T222011_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_220200325T223938_20200325T224925_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_220200325T225225_20200325T225730_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_220200325T231010_20200325T231019_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_220200325T233618_20200325T235923_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records