



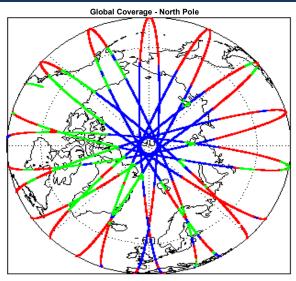
1. Overview

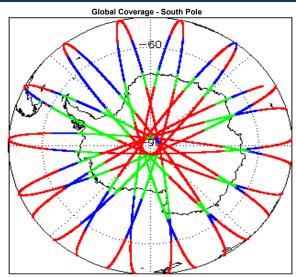
Report Production Date:	28-Sep-2017	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

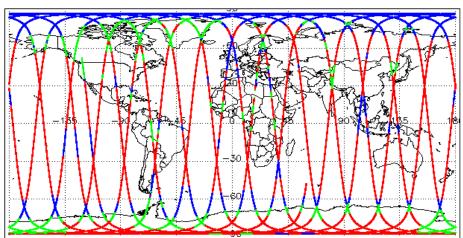
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	Nominal
L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5

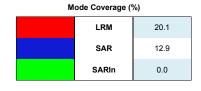
Mission / Instru	ment News
29-Aug-2017	None
30-Aug-2017	None
31-Aug-2017	Nothing planned

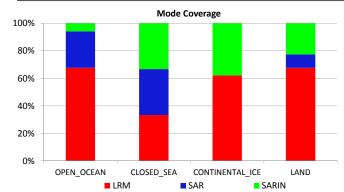
2. Global Coverage

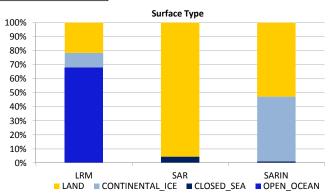












3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
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4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

4.3 Star Tracker Usage Check

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

Number of products with errors:

4.4 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:

4.5 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:

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4.6 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:

4.7 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.

lumber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20170830T092741_20170830T093331_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20170830T210139_20170830T210959_C001		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.

lumber of products with errors: 1

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220170830T001053_20170830T001419_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CC OFFI CID LDM 2 20470020T004000 20470020T002040 C004	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20170830T001808_20170830T002849_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20170830T003427_20170830T005045_C001 CS_OFFL_SIR_LRM_2_20170830T010357_20170830T010529_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
C3_C11 E_SIN_ENW_2201700301010337_201700301010329_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_2_20170830T010542_20170830T011101_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220170830T011447_20170830T013330_C001	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_220170830T014527_20170830T015323_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170830T015911_20170830T023040_C001	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_20170830T024242_20170830T024458_C001	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_220170830T030747_20170830T031918_C001	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_220170830T032459_20170830T033012_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170830T033719_20170830T035827_C001	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_220170830T040112_20170830T041246_C001	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_220170830T044110_20170830T044717_C001	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_220170830T044905_20170830T045914_C001	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_220170830T050640_20170830T050914_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170830T051649_20170830T055255_C001	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_220170830T060431_20170830T063648_C001	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_220170830T064625_20170830T064821_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170830T065020_20170830T065326_C001	Surface Model Unavailable Height Error (Retracker 2), Height Error	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170830T065551_20170830T071048_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	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_220170830T071227_20170830T072330_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	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_220170830T074511_20170830T080125_C001	(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_220170830T082458_20170830T082741_C001	Surface Model Unavailable Height Error (Retracker 2), Backscatter	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
CS_OFFL_SIR_LRM_2_20170830T083516_20170830T084914_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records
CS_OFFL_SIR_LRM_220170830T085054_20170830T085336_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	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_220170830T092402_20170830T092619_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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
CS_OFFL_SIR_LRM_220170830T092741_20170830T093331_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records
CS_OFFL_SIR_LRM_220170830T093615_20170830T093855_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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
CS_OFFL_SIR_LRM_220170830T093857_20170830T095858_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_2_20170830T100251_20170830T101133_C001	Surface Model Unavailable Height Error (Retracker 2), Height Error	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170830T101452_20170830T103854_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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_220170830T104907_20170830T104949_C001	Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170830T111050_20170830T113827_C001	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_220170830T115420_20170830T121847_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	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_220170830T122321_20170830T123210_C001	(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_220170830T124610_20170830T130119_C001	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_220170830T130653_20170830T131616_C001	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_220170830T133326_20170830T133751_C001	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_220170830T134136_20170830T134834_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
		There is a height and healtesetter are for Detroiter 2.5
CS_OFFL_SIR_LRM_220170830T140913_20170830T141105_C001	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_220170830T142257_20170830T145607_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	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
CS_OFFL_SIR_LRM_220170830T142257_20170830T145607_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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

C_0PT_SP_QUE_2_PROTECTION_CONTROL_CO		Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error
Large (Particular D.) Copyred (Particular D.)	CS_OFFL_SIR_LRM_220170830T165243_20170830T171155_C001	(Retracker 2)	for Retracker 3 for one or more records
COUNT LIGHT LANGE JUNIORATION PROCESSANT COUNTY AND AND THE COUNTY	CS_OFFL_SIR_LRM_220170830T171234_20170830T171709_C001	Error (Retracker 2)	records
Coult Light Light 2, partners tracked potential to see a control of the control o	CS_OFFL_SIR_LRM_220170830T171822_20170830T172600_C001	Error (Retracker 2)	records
CQ_CPT_SRI_UNI_2_ENTRODITIONS_TORNING_CONSTITUTION_CONSTI	CS_OFFL_SIR_LRM_220170830T172610_20170830T172638_C001	Error (Retracker 2)	
Co., OPT_081_PM_2_20100001100001100001_000001_000001_00001_00001_00001_00001_00001_000001_00001_00001_00001_000001_000001_000001_000001_000001_000001_000001_000001_000001_000001_000001_000001_000001_000001_000001_000001_000001_000000	CS_OFFL_SIR_LRM_220170830T173902_20170830T181428_C001	(Retracker 3), Backscatter Error	
Corp. (M. Land J. 2) Controlled 19 (Annual Transport 2) or one or more investigation of the part of the production of the part	CS_OFFL_SIR_LRM_220170830T182242_20170830T182502_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Fig. (Psr. Link Link 2, 20170001749005, 201700017100050, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 2017000017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 2017000017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 201700017100005, 2017000005, 201700005, 201700005, 201700005, 201700005, 201700005, 20170005, 201700005, 201700005,	CS_OFFL_SIR_LRM_220170830T183330_20170830T184557_C001		, and the second
CONT., Sint Land 2, 2017/00/01/2019/20 CONTROLOGICATION C	CS_OFFL_SIR_LRM_220170830T184700_20170830T190354_C001		
CB_OFF_SRI_ENI_2_20**Recordinates 20** Control of Personal Programmers 20** Advantage 20** Control of Personal Programmers	CS_OFFL_SIR_LRM_220170830T192533_20170830T193651_C001		
Co. OFFL. SRI, LEM 2_20170007720174 (20170007720249). COOL Co. OFFL. SRI, LEM 2_201700077214 (12_20170007721240). COOL Co. OFFL. SRI, LEM 2_201700077214 (12_20170007721240). COOL Co. OFFL. SRI, LEM 2_201700077214 (12_20170007721240). COOL Co. OFFL. SRI, LEM 2_201700077214 (12_20170007721230). COOL Co. OFFL. SRI, LEM 2_201700077214 (12_20170007721230). COOL Co. OFFL. SRI, LEM 2_201700077214 (12_20170007721230). COOL Co. OFFL. SRI, LEM 2_201700077224 (12_2017000772230). COOL Co. OFFL. SRI, LEM 2_20170007724 (12_2017000772230). COOL Co. OFFL. SRI, LEM 2_20170007724 (12_2017000772240). COOL Co. OFFL. SRI, LEM 2_20170007724 (12_2017000772240). COOL Co. OFFL. SRI, LEM 2_20170007724 (12_2017000772400). COOL Co. OFFL. SRI, LEM 2_20170007724 (CS_OFFL_SIR_LRM_220170830T193855_20170830T195332_C001	(Retracker 3), Backscatter Error	
CS_OFF_SR_LEM_2_20178001701442_20178001724435_C001 CS_OFF_SR_LEM_2_20178001701442_2017800172435_C001 CS_OFF_SR_LEM_2_20178001701442_2017800172435_C001 CS_OFF_SR_LEM_2_20178001701427_2017800172435_C001 CS_OFF_SR_LEM_2_20178001701427_2017800172435_C001 CS_OFF_SR_LEM_2_20178001701427_2017800172435_C001 CS_OFF_SR_LEM_2_20178001701427_2017800172435_C001 CS_OFF_SR_LEM_2_20178001701427_2017800172435_C001 CS_OFF_SR_LEM_2_20178001701427_2017800172435_C001 CS_OFF_SR_LEM_2_20178001701427_20178001701455_C001 CS_OFF_SR_LEM_2_201780017014001701455_C001 CS_OFF_SR_LEM_2_201780017014001701455_C001 CS_OFF_SR_LEM_2_201780017014003_00178001701455_C001 CS_OFF_SR_LEM_2_201780017014003_00178001701455_C001 CS_OFF_SR_LEM_2_201780017014003_00178001701455_C001 CS_OFF_SR_LEM_2_201780017014003_00178001701455_C001 CS_OFF_SR_LEM_2_201780017014003_00178001701455_C001 CS_OFF_SR_LEM_2_20178001701445_00178001701455_C001 CS_OFF_SR_LEM_2_201780017014003_00178001701455_C001 CS_OFF_SR_LEM_2_2017800170140001_00178001701455_C001 CS_OFF_SR_LEM_2	CS_OFFL_SIR_LRM_220170830T201055_20170830T202243_C001		
CS_OFF_SIR_LENG_201788071492 2017980721492 CO10 Suffice Mode Unavailable High Error (Plantacer 2) Happt Error (Plantacer 2) Happt Error (Plantacer 3) Happt Error (Plantacer	CS_OFFL_SIR_LRM_220170830T202724_20170830T204019_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
Sept. SIRL JAM J. 20170807121412_0170807121420_CO01 Surface Model Unevalable No DPM of Slope Model was used for the location of one or more records February 1. The exist is a fund and backscaller error for february 2 and a height error February 2. 20170807121422_0170807122135_CO01 Sept. SIRL LAM J. 2. 20170807122302_01708071223380_CO01 Soft. SIRL LAM J. 2. 20170807123010_201708071223380_CO01 Soft. SIRL LAM J. 2. 20170807123010_C0010080_CO01 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 20170807100080_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 20170807100080_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 20170807100080_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 20170807100080_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 20170807100080_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 20170807100080_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 20170807100080_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 20170807100080_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 20170807100080_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 201708071000800_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 201708071000800_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 201708071000800_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 201708071000800_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 201708071000800_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 201708071000800_C001 SARIA KNew Angle Error CS. OFFL, SIRL SIRL 2. 201708071000800_C001 SARIA KNew Angle Error CR. OFFL, SIRL SIRL 2. 201708071000800_C001 SARIA KNew Angle Error CR. OFFL, SIRL SIRL 2. 201708071000800_C001 SARIA KNew Angle Error CR. OFFL, SIRL SIRL 2. 201708071000000_C001 SARIA KNew Angle Error CR. OFFL, SIRL SIRL 2. 201708071000	CS_OFFL_SIR_LRM_220170830T204143_20170830T204355_C001	Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error
Height Finns (Patroner 7), Height Finns (Patroner 7), Height Finns (Patroner 7), Height Finns (Patroner 7), Backsteatter 1, Called Sec. 5 for one or more records. CS. GFFL_SRL_PML_2_20170807123010_20170807123303_C001 CS. GFFL_SRL_PML_2_20170807123010_20170807123303_C001 CS. GFFL_SRL_PML_2_20170807123010_20170807123303_C001 CS. GFFL_SRL_PML_2_20170807123003_20170807123605_C001 CS. GFFL_SRL_PML_2_20170807123003_20170807123605_C001 CS. GFFL_SRL_PML_2_20170807123003_20170807123605_C001 CS. GFFL_SRL_PML_2_201708071030039_20170807123605_C001 CS. GFFL_SRL_PML_2_20170807100039_20170807123605_C001 CS. GFFL_SRL_PML_2_20170807100039_2017080710007125605_C001 CS. GFFL_SRL_SRL_2_20170807100039_2017080710031_C001 CS. GFFL_SRL_SRL_2_20170807100039_20170807100321_C001 CS. GFFL_SRL_SRL_2_20170807100039_20170807100321_C001 CS. GFFL_SRL_SRL_2_20170807100039_20170807100321_C001 CS. GFFL_SRL_SRL_2_20170807100039_20170807100321_C001 CS. GFFL_SRL_SRL_2_201708071000309_20170807100321_C001 CS. GFFL_SRL_SRL_2_201708071000322_C00700307100321_C001 CS. GFFL_SRL_SRL_2_201708071000309_201708071003249_C001 CS. GFFL_SRL_SRL_2_201708071003031_201708071003249_C001 CS. GFFL_SRL_SRL_2_201708071003031_20170807100349_C001 CS. GFFL_SRL_SRL_2_201708071003301_20170807100349_C001 CS. GFFL_SRL_SRL_2_201708071003301_20170807100349_C001 CS. GFFL_SRL_SRL_2_201708071003301_20170807100349_C001 CS. GFFL_SRL_SRL_2_20170807100301_20170807100349_C001 CS. GFFL_SRL_SRL_2_20170807100349_C001 CS. GFFL_SRL_SRL_2_20170807100301_20170807100349_C001 CS. GFFL_SRL_SRL_2_20170807100301020_C001 CS. GFFL_SRL_SRL_2_20170807100301_20170807100349_C001 CS. GFFL_SRL_SRL_2_2017	CC OFFI CID LDM 2 20470020T944442 20470020T944026 C004	,	
CS_CFFL_SRL_PML2_20170801724522_20170801723595_001 CS_CFFL_SRL_PML_2_201708017232019_20170801723595_001 CS_CFFL_SRL_PML_2_201708017232019_20170801723595_001 CS_CFFL_SRL_PML_2_201708017232019_20170801723595_001 CS_CFFL_SRL_PML_2_201708017232019_20170801723595_001 CS_CFFL_SRL_PML_2_20170801723401_201000000000000000000000000000000000	CS_OFFL_SIR_LRM_2201708301214112_201708301214226_C001		·
Enris (Restacker 2) Froods F	CS_OFFL_SIR_LRM_220170830T214822_20170830T221355_C001	(Retracker 3), Backscatter Error	
Specific No. Price Price 2 201708307122375, 201708307123549, 201708307123549, 201708307123549, 2010123549, 2010108307100359, 201708307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 2010108307100359, 201010830710359, 2010108	CS_OFFL_SIR_LRM_2_20170830T224732_20170830T231113_C001		
Error (Retroder 2) Error	CS_OFFL_SIR_LRM_220170830T232010_20170830T232336_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Ermi (Retunder 2) SAFIN X-track Angle Ermir SA	CS_OFFL_SIR_LRM_220170830T232705_20170830T233809_C001		
SARIB X-track Angle Error SARIB X-track Angl	CS_OFFL_SIR_LRM_220170830T234339_20170830T235425_C001		
SARIN X-track Angle Error SARIN X-track Angle E	CS_OFFL_SIR_SIN_2_20170830T000359_20170830T000526_C001	SARIn X-track Angle Error	
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CS_OFFL_SIR_SIN_2_20170830T091830_20170830T092009_C001 SARIN X-track Angle Error SARIN X-track Angle Error, Surface Model Unavailable CS_OFFL_SIR_SIN_2_20170830T092134_20170830T100251_C001 SARIN X-track Angle Error SARIN X-track Angle Error, Surface Model Was used for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode and no DEM or Slope Model Unavailable SARIN X-track Angle Error, Surface Model Was used for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records SARIN X-track Angle Error An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records	CS_OFFL_SIR_SIN_220170830T082741_20170830T082757_C001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20170830T092014_20170830T092044_C001 CS_OFFL_SIR_SIN_2_20170830T092014_20170830T092042_C001 CS_OFFL_SIR_SIN_2_20170830T092134_20170830T092402_C001 CS_OFFL_SIR_SIN_2_20170830T100110_20170830T100251_C001 CS_OFFL_SIR_SIN_2_20170830T101134_20170830T101320_C001 CS_OFFL_SIR_SIN_2_20170830T101134_20170830T101320_C001 CS_OFFL_SIR_SIN_2_20170830T105753_20170830T110237_C001 CS_OFFL_SIR_SIN_2_20170830T105753_20170830T110237_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114352_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114352_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114352_20170830T115208_C001 CS_OFFL_SIR_SIN_2_20170830T114928_20170830T115208_C001	CS_OFFL_SIR_SIN_220170830T083226_20170830T083408_C001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20170830T092134_20170830T092402_C001 CS_OFFL_SIR_SIN_2_20170830T100110_20170830T100251_C001 CS_OFFL_SIR_SIN_2_20170830T100110_20170830T100251_C001 CS_OFFL_SIR_SIN_2_20170830T101134_20170830T101320_C001 CS_OFFL_SIR_SIN_2_20170830T101134_20170830T101320_C001 CS_OFFL_SIR_SIN_2_20170830T101134_20170830T101327_C001 CS_OFFL_SIR_SIN_2_20170830T105753_20170830T110237_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114352_20170830T114506_C001 CS_OFFL_SIR_SIN_2_20170830T114928_20170830T115208_C001 SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220170830T091830_20170830T092009_C001	SARIn X-track Angle Error	
Model Unavailable Model Unavailable Model Unavailable Model Unavailable Model Was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220170830T092014_20170830T092044_C001	· ·	records
CS_OFFL_SIR_SIN_2_20170830T101134_20170830T101320_C001 SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope Model Unavailable SARIN X-track Angle Error, Surface Model Was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model Was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_2_20170830T092134_20170830T092402_C001		
CS_OFFL_SIR_SIN_2_20170830T101734_20170830T110237_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114352_20170830T114506_C001 CS_OFFL_SIR_SIN_2_20170830T114928_20170830T114506_C001 CS_OFFL_SIR_SIN_2_20170830T114928_20170830T115208_C001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220170830T100110_20170830T100251_C001	SARIn X-track Angle Error	records
Model Unavailable CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 CS_OFFL_SIR_SIN_2_20170830T114047_20170830T114219_C001 SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20170830T114928_20170830T115208_C001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220170830T101134_20170830T101320_C001	-	records
CS_OFFL_SIR_SIN_2_20170830T11428_20170830T114506_C001 CS_OFFL_SIR_SIN_2_20170830T114352_20170830T114506_C001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220170830T105753_20170830T110237_C001		Model was used for one or more records
CS_OFFL_SIR_SIN_2_20170830T114928_20170830T115208_C001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220170830T114047_20170830T114219_C001	SARIn X-track Angle Error	-
CS_OFFL_SIR_SIN_2201708301114926_201708301115206_C001 SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220170830T114352_20170830T114506_C001	SARIn X-track Angle Error	
	CS_OFFL_SIR_SIN_220170830T114928_20170830T115208_C001	SARIn X-track Angle Error	
	CS_OFFL_SIR_SIN_220170830T132029_20170830T132419_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20170830T133007_20170830T133127_C001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220170830T133007_20170830T133127_C001	SARIn X-track Angle Error	

CS_OFFL_SIR_SIN_220170830T141105_20170830T141147_C001	SARIn X-track Angle Error, Surface Model Unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220170830T150010_20170830T150324_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T150838_20170830T150955_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T163726_20170830T164144_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T164743_20170830T164857_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T172657_20170830T172933_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T172955_20170830T173118_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20170830T181534_20170830T181658_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T182503_20170830T182648_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T190355_20170830T190809_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T190921_20170830T191025_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T195442_20170830T195624_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20170830T200152_20170830T200158_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T200318_20170830T200550_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T204356_20170830T204924_C001	SARIn X-track Angle Error, Surface Model Unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220170830T213339_20170830T213554_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T214050_20170830T214056_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T214105_20170830T214112_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T214227_20170830T214600_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T223252_20170830T223329_C001	SARIn X-track Angle Error, Surface Model Unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220170830T231336_20170830T231605_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T231947_20170830T231954_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170830T232336_20170830T232518_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

6. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR_LRM_1B	133	133	133	0	0
SIR_LRM_2	132	132	132	0	0
SIR_LRMI2_	132	132	132	0	0
SIR_SAR_1B	103	103	103	0	0
SIR_SAR_2	103	103	103	0	0
SIR_SARI2_	103	103	103	0	0
SIR_SIN_1B	103	103	103	0	0
SIR_SIN_2	103	103	103	0	0
SIR_SINI2	103	103	103	0	0
SIR GDR 2	15	15	15	0	0

6.1 QCC Errors

Number of products with QCC errors:

6.2 QCC Warnings

Number of QCC reports with warnings

0

0

6.2 Missing QCC Reports

Number of products with missing QCC reports:

174