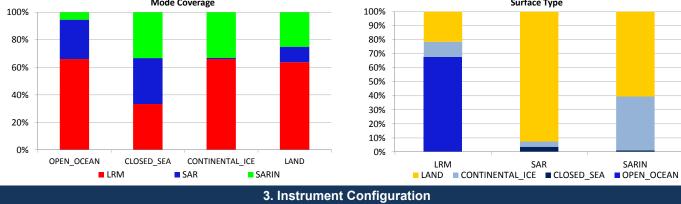


IDEAS+ Daily Report for OFFLINE data:

<u>09/06/2017</u>

| 1. Overview | | | | |
|---------------------------|-------------------------|--|-------------------------|--|
| Report Production Date: | 07-Jul-2017 | Check | Status | |
| Report Production Date: | 07-Jui-2017 | Server check: science-pds.cryosat.esa.int | Nominal | |
| Processor Used: | CryoSat Ice Processor | Server check: calval-pds.cryosat.esa.int | Nominal | |
| | | Product Software Check | Nominal | |
| Data Used: | L1B and L2 OFFLINE Data | 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 / Instrument News | | | | |
| 08-Jun-2017 None | | | | |
| 09-Jun-2017 None | | | | |
| | | | | |

| 10-Jun-2017 Nothing planned | |
|------------------------------|------------------------------|
| 2. Global C | overage |
| Giobal Coverage - North Pole | Global Coverage - South Pole |
| | |
| | Mode Coverage (%) |
| | LRM 21.8 |
| TPINIE TA ASSA A | SAR 12.7 |
| | SARIN 0.0 |
| | |
| 100% Mode Coverage | Surface Type |



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:

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

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

0

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: 0

Number of products with errors.

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.

Number of products with errors:

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors:

| Product | Test Failed | Description |
|---------|---|--|
| | | 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), 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_220170609T003815_20170609T005050_C001 |
|--|
| CS_OFFL_SIR_LRM_220170609T012848_20170609T014310_C001 |
| CS_OFFL_SIR_LRM_220170609T015144_20170609T015301_C001 |
| CS_OFFL_SIR_LRM_220170609T015843_20170609T021602_C001 |
| CS_OFFL_SIR_LRM_220170609T021605_20170609T022424_C001 |
| CS_OFFL_SIR_LRM_220170609T025754_20170609T032228_C001 |
| CS_OFFL_SIR_LRM_220170609T033042_20170609T033408_C001 |
| CS_OFFL_SIR_LRM_220170609T033732_20170609T034839_C001 |
| CS_OFFL_SIR_LRM_220170609T035409_20170609T040402_C001 |
| CS_OFFL_SIR_LRM_220170609T043617_20170609T050203_C001 |
| CS_OFFL_SIR_LRM_220170609T050941_20170609T051310_C001 |
| CS_OFFL_SIR_LRM_220170609T053156_20170609T055108_C001 |
| CS_OFFL_SIR_LRM_220170609T060407_20170609T060641_C001 |
| CS_OFFL_SIR_LRM_220170609T064438_20170609T065004_C001 |
| CS_OFFL_SIR_LRM_220170609T065649_20170609T071806_C001 |
| CS_OFFL_SIR_LRM_220170609T072052_20170609T073138_C001 |
| CS_OFFL_SIR_LRM_220170609T074242_20170609T074535_C001 |
| CS_OFFL_SIR_LRM_220170609T080205_20170609T081930_C001 |
| CS_OFFL_SIR_LRM_220170609T082402_20170609T082901_C001 |
| CS_OFFL_SIR_LRM_220170609T083551_20170609T090928_C001 |
| CS_OFFL_SIR_LRM_220170609T090932_20170609T091202_C001 |
| CS_OFFL_SIR_LRM_220170609T092313_20170609T092323_C001 |
| CS_OFFL_SIR_LRM_220170609T093342_20170609T095638_C001 |
| CS_OFFL_SIR_LRM_220170609T101546_20170609T103227_C001 |
| CS_OFFL_SIR_LRM_220170609T103708_20170609T105127_C001 |
| CS_OFFL_SIR_LRM_220170609T110456_20170609T112108_C001 |
| CS_OFFL_SIR_LRM_220170609T112322_20170609T113803_C001 |
| CS_OFFL_SIR_LRM_220170609T115437_20170609T120930_C001 |
| CS_OFFL_SIR_LRM_220170609T121130_20170609T122051_C001 |
| CS_OFFL_SIR_LRM_220170609T124825_20170609T125555_C001 |
| CS_OFFL_SIR_LRM_220170609T125558_20170609T130021_C001 |
| |
| CS_OFFL_SIR_LRM_220170609T130525_20170609T131838_C001 |
| CS_OFFL_SIR_LRM_220170609T132300_20170609T133121_C001 |
| CS_OFFL_SIR_LRM_220170609T133354_20170609T135038_C001 |
| CS_OFFL_SIR_LRM_220170609T135234_20170609T135500_C001 CS_OFFL_SIR_LRM_220170609T142219_20170609T142226_C001 |
| CS_OFFL_SIR_LRM_2_20170609T143220_20170609T143557_C001 |
| CS_OFFL_SIR_LRM_2_20170609T143600_20170609T145828_C001 |
| CS_OFFL_SIR_LRM_220170609T150442_20170609T150942_C001 |
| CS_OFFL_SIR_LRM_220170609T151358_20170609T153800_C001 |
| CS_OFFL_SIR_LRM_220170609T160946_20170609T161026_C001 |
| CS_OFFL_SIR_LRM_220170609T161108_20170609T162103_C001 |
| CS_OFFL_SIR_LRM_220170609T162642_20170609T163702_C001 |
| CS_OFFL_SIR_LRM_220170609T165225_20170609T172027_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 |
|---|---|
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| Height Error (Retracker 2), Backscatter | There is a height and backscatter error for Retracker 2 for one or more |
| Error (Retracker 2) Height Error (Retracker 2), Backscatter | records There is a height and backscatter error for Retracker 2 for one or more |
| Error (Retracker 2) Height Error (Retracker 2), Height Error | records There is a height and backscatter error for Retracker 2 and a height error |
| (Retracker 3), Backscatter Error (Retracker 2) | for Retracker 3 for one or more records |
| Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| 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 |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error | There is a height and backscatter error for Retracker 2 and a height error |
| (Retracker 2) | for Retracker 3 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| Height Error (Retracker 2), Height Error (Retracker 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 |
| (Retracker 2) Height Error (Retracker 2), Backscatter | There is a height and backscatter error for Retracker 2 for one or more |
| Error (Retracker 2) Height Error (Retracker 2), Backscatter | records There is a height and backscatter error for Retracker 2 for one or more |
| Error (Retracker 2) Height Error (Retracker 2), Backscatter | records There is a height and backscatter error for Retracker 2 for one or more |
| Error (Retracker 2) Height Error (Retracker 2), Height Error | records There is a height and backscatter error for Retracker 2 and a height error |
| (Retracker 3), Backscatter Error (Retracker 2) | for Retracker 3 for one or more records |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| 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 |
| | 1 |

CS OFFL SIR LRM 2 20170609T172619 20170609T172947 C001 CS OFFL SIR LRM 2 20170609T174258 20170609T181558 C001 CS_OFFL_SIR_LRM_2__20170609T182312_20170609T182835_C001 CS OFFL SIR LRM 2 20170609T190637 20170609T191005 C001 CS OFFL SIR LRM 2 20170609T192159 20170609T193112 C001 CS_OFFL_SIR_LRM_2__20170609T193357_20170609T195537_C001 CS_OFFL_SIR_LRM_2__20170609T201133_20170609T202232_C001 CS_OFFL_SIR_LRM_2__20170609T202419_20170609T202900_C001 CS OFFL SIR LRM 2 20170609T204706 20170609T204713 C001 CS OFFL SIR LRM 2 20170609T205845 20170609T213409 C001 CS_OFFL_SIR_LRM_2_20170609T215313_20170609T222420_C001 CS OFFL SIR LRM 2 20170609T223715 20170609T224425 C001 CS_OFFL_SIR_LRM_2__20170609T224428_20170609T225151_C001 CS OFFL SIR LRM 2 20170609T225633 20170609T231344 C001 CS OFFL SIR LRM 2 20170609T233108 20170609T234451 C001 CS_OFFL_SIR_LRM_2_20170609T234705_20170610T000003_C001 CS_OFFL_SIR_SIN_2__20170609T000515_20170609T000658_C001 CS OFFL SIR SIN 2 20170609T001350 20170609T001624 C001 CS OFFL SIR SIN 2 20170609T001838 20170609T002007 C001 CS OFFL SIR SIN 2 20170609T005524 20170609T005953 C001 CS_OFFL_SIR_SIN_2__20170609T014428_20170609T014631_C001 CS_OFFL_SIR_SIN_2__20170609T015138_20170609T015144_C001 CS_OFFL_SIR_SIN_2__20170609T015301_20170609T015630_C001 CS OFFL SIR SIN 2 20170609T024319 20170609T024359 C001 CS_OFFL_SIR_SIN_2__20170609T032407_20170609T032634_C001 CS_OFFL_SIR_SIN_2__20170609T033021_20170609T033027_C001 CS_OFFL_SIR_SIN_2__20170609T033408_20170609T033550_C001 CS_OFFL_SIR_SIN_2__20170609T050319_20170609T050443_C001 CS_OFFL_SIR_SIN_2__20170609T050934_20170609T050941_C001 CS OFFL SIR SIN 2 20170609T051311 20170609T051453 C001 CS_OFFL_SIR_SIN_2__20170609T064314_20170609T064438_C001 CS_OFFL_SIR_SIN_2__20170609T065004_20170609T065317_C001 CS OFFL SIR SIN 2 20170609T074118 20170609T074222 C001 CS OFFL SIR SIN 2 20170609T082248 20170609T082402 C001 CS_OFFL_SIR_SIN_2__20170609T082902_20170609T083222_C001 CS OFFL SIR SIN 2 20170609T092433 20170609T092502 C001 CS OFFL SIR SIN 2 20170609T100337 20170609T100613 C001 CS OFFL SIR SIN 2 20170609T100806 20170609T101432 C001 CS_OFFL_SIR_SIN_2__20170609T105848_20170609T110008_C001 CS_OFFL_SIR_SIN_2__20170609T110258_20170609T110352_C001 CS OFFL SIR SIN 2 20170609T114056 20170609T114507 C001 CS_OFFL_SIR_SIN_2__20170609T114718_20170609T114804_C001 CS_OFFL_SIR_SIN_2__20170609T115221_20170609T115355_C001 CS_OFFL_SIR_SIN_2_20170609T123804_20170609T123908_C001 CS_OFFL_SIR_SIN_2__20170609T123948_20170609T124036_C001 CS_OFFL_SIR_SIN_2__20170609T124226_20170609T124433_C001 CS OFFL SIR SIN 2 20170609T132106 20170609T132300 C001 CS OFFL SIR SIN 2 20170609T133121 20170609T133309 C001 CS OFFL SIR SIN 2 20170609T141717 20170609T142219 C001

Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) SARIn X-track Angle Error 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 SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable

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 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 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 There is a height and backscatter error for Retracker 2 for one or more ecords 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 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 and a height error for Retracker 3 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 and no DEM or Slope 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 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 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 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 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 and no DEM or Slope Model was used for one or more records

| CS_OFFL_SIR_SIN_220170609T150038_20170609T150157_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
|---|---|--|
| CS_OFFL_SIR_SIN_220170609T150357_20170609T150441_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T150942_20170609T151213_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T155020_20170609T155054_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_220170609T164002_20170609T164122_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T164202_20170609T164404_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T165004_20170609T165134_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T181951_20170609T182312_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T182835_20170609T182954_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T195846_20170609T200207_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T200728_20170609T200852_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T204814_20170609T205102_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T213516_20170609T213715_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T214554_20170609T214726_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T222450_20170609T222551_C001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220170609T222900_20170609T223002_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 | 136 | 136 | 136 | 0 | 0 |
| SIR_LRM_2 | 136 | 136 | 136 | 0 | 0 |
| SIR_LRMI2_ | 136 | 136 | 136 | 0 | 0 |
| SIR_SAR_1B | 113 | 113 | 113 | 0 | 0 |
| SIR_SAR_2 | 113 | 113 | 113 | 0 | 0 |
| SIR_SARI2_ | 113 | 113 | 113 | 0 | 0 |
| SIR_SIN_1B | 98 | 98 | 98 | 0 | 0 |
| SIR_SIN_2 | 98 | 98 | 98 | 0 | 0 |
| SIR_SINI2 | 98 | 98 | 98 | 0 | 0 |
| SIR_GDR_2 | 14 | 14 | 14 | 0 | 0 |

6.1 QCC Errors

Number of products with QCC errors:

6.2 QCC Warnings

Number of QCC reports with warnings

6.2 Missing QCC Reports

Number of products with missing QCC reports: 189

0

0