



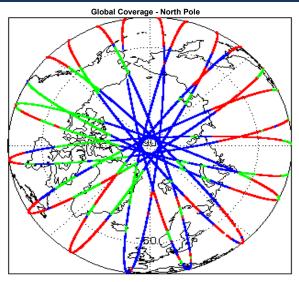
1. Overview

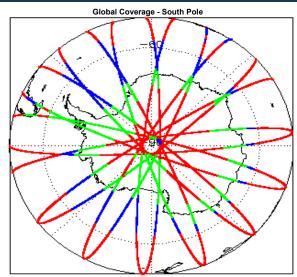
Report Production Date:	23-Jan-2017	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

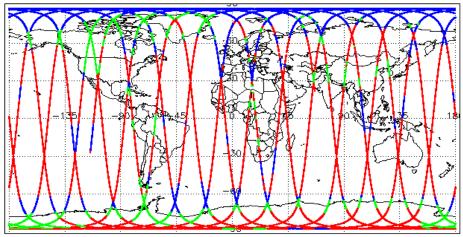
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2 and 5.2
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary 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

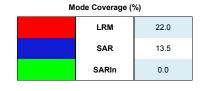
Mission / Instrument News				
23-Dec-2016	None			
24-Dec-2016	None			
25-Dec-2016	Nothing planned			

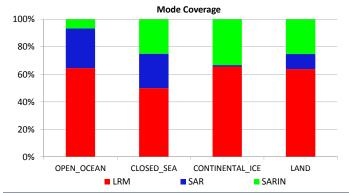
2. Global Coverage

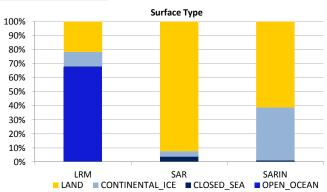












3. Instrument Configuration

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:

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:

Product	Test Failed
CS_OFFL_SIR_SAR_1B_20161224T134448_20161224T134454_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

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:

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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20161224T032507_20161224T032614_C001	IECDO ERROR I RK ECDO ERROR	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20161224T075402_20161224T080754_C001	IECDO ERROR IRK ECDO 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:

Product	Test Failed
CS_OFFL_SIR_SAR_2_20161224T134448_20161224T134454_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

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.

The Failed Co., CFFL_SIR_LEM_2_010112241000192_00011241000192_0001 CSCFFL_SIR_LEM_2_010112241000192_0001124101000192_0001 CSCFFL_SIR_LEM_2_010112241000192_00011241010000_0001 CSCFFL_SIR_LEM_2_010112241000192_00011241010000_0001 CSCFFL_SIR_LEM_2_010112241000082_01011241010000_0001 CSCFFL_SIR_LEM_2_010112241000082_01011241010000_0001 CSCFFL_SIR_LEM_2_010112241000082_01011241010000_0001 CSCFFL_SIR_LEM_2_010112241000082_01011241010000_0001 CSCFFL_SIR_LEM_2_010112241000082_01011241010000_0001 CSCFFL_SIR_LEM_2_010112241000082_01011241010000_0001 CSCFFL_SIR_LEM_2_010112241000082_01011241010000_0001 CSCFFL_SIR_LEM_2_010112241000082_01011241010000_0001 CSCFFL_SIR_LEM_2_010112241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_000112410010000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241001000_0001 CSCFFL_SIR_LEM_2_01011241000090_000112410010000_0001 CSCFFL_SIR_LEM_2_01011241000090_000112410010000_0001 CSCFFL_SIR_LEM_2_01011241000090_000112410010000_0001 CSCFFL_SIR_LEM_2_01011241000090_000112410010000_0001 CSCFFL_SIR_LEM_2_01011241000090_000112410010000_0001 CSCFFL_SIR_LEM_2_01011241000090_00011241000000000000000000000000000000	
CB_OFFL_SIR_LEM_2_20191224T003412_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T001529_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T003582_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T003582_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T003582_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T003582_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T003593_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T00340_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T00340_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T00340_20191224T00340_2019 CB_OFFL_SIR_LEM_2_20191224T00340_20191224T00340_20191224T00340_20191224T00340_2019124T003400_2019124T00340_2019124T003400_2019124T0034	r one or more
CS_OFFL_SIR_LEM_2_2016122417016303_2016122417016303_CD01 CS_OFFL_SIR_LEM_2_2016122417016303_CD01 CS_OFFL_SIR_LEM_2_2016122417030059_2016122417030051_CD01 CS_OFFL_SIR_LEM_2_2016122417030059_2016122417030051_CD01 CS_OFFL_SIR_LEM_2_2016122417030059_2016122417030051_CD01 CS_OFFL_SIR_LEM_2_2016122417030059_2016122417030051_CD01 CS_OFFL_SIR_LEM_2_2016122417030059_2016122417030051_CD01 CS_OFFL_SIR_LEM_2_2016122417030059_2016122417030051_CD01 CS_OFFL_SIR_LEM_2_2016122417030059_2016122417030051_CD01 CS_OFFL_SIR_LEM_2_2016122417030059_CD01 CS_OFFL_SIR_LEM_2_201612	nd a height error
CS_OFFL_SIR_LEM_2_20161224T016305_20161224T023015_CO01 CRESCASE_SIR_LEM_2_20161224T020058_20161224T023015_CO01 CRESCASE_SIR_LEM_2_20161224T020058_20161224T023015_CO01 CRESCASE_SIR_LEM_2_20161224T020058_20161224T023015_CO01 CRESCASE_SIR_LEM_2_20161224T020058_20161224T020015_CO01 CRESCASE_SIR_LEM_2_20161224T020058_20161224T020015_CO01 CRESCASE_SIR_LEM_2_20161224T020058_20161224T0201618_CO01 CRESCASE_SIR_LEM_2_20161224T020058_20161224T02016_CO01 CRESCASE_SIR_LEM_2_20161224T020058_20161224T020168_CO01 CRESCASE_SIR_LEM_2_20161224T020058_20161224T020168_CO01 CRESCASE_SIR_LEM_2_20161224T02016_20161224T04683_CO01 CRESCASE_SIR_LEM_2_20161224T02016_20161224T04683_CO01 CRESCASE_SIR_LEM_2_20161224T02016_20161224T04683_CO01 CRESCASE_SIR_LEM_2_20161224T02016_20161224T04683_CO01 CRESCASE_SIR_LEM_2_20161224T061013_20161224T04683_CO01 CRESCASE_SIR_LEM_2_20161224T061013_20161224T06483_CO01 CRESCASE_SIR_LEM_2_20161224T061013_20161224T06483_CO01 CRESCASE_SIR_LEM_2_20161224T061013_20161224T06483_CO01 CRESCASE_SIR_LEM_2_20161224T061013_20161224T06473_CO01 CRESCASE_SIR_LEM_2_20161224T061013_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T020167_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T020167_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T020167_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T020167_CO01 CRESCASE_SIR_LEM_2_20161224T070017_20161224T020167_CO01 CRESCASE_SIR_LEM_2_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_CO01 CRESCASE_SIR_LEM_2_20161224T070017_CO01 CRESCASE_SIR_LEM_2_201	nd a height error
height Error (Petracker 2). Height Error (Retracker 2) and a his for Retracker 2 and a his forest per 2). Petracker 2 and a his forest per 2. Petracker 3 by a consideration of the Retracker 2 and a his forest per 2. Petracker 3 by a consideration of the Retracker 3 by a consideration of the Retracker 2 and a his forest per 3. Petracker 3 by a consideration of the Retracker 3 by a consideration of the Retracke	nd a height error
Enro (Fetasaber 2) seconds En	nd a height error
Esport List List 2 20161224104369, 20161224104533, 2001 CS_OFFL_SIR_LIRM_2_20161224104361_20161224104533, 2001 CS_OFFL_SIR_LIRM_2_20161224104361_20161224104533, 2001 CS_OFFL_SIR_LIRM_2_20161224104361_20161224104533, 2001 CS_OFFL_SIR_LIRM_2_20161224104361_20161224104533, 2001 CS_OFFL_SIR_LIRM_2_20161224104361_20161224105955_2001 CS_OFFL_SIR_LIRM_2_201612241074051_20161224105955_2001 CS_OFFL_SIR_LIRM_2_201612241074051_201612241074555_2001 CS_OFFL_SIR_LIRM_2_201612241074051_20161224107455_2001 CS_OFFL_SIR_LIRM_2_201612241070627_20161224107455_2001 CS_OFFL_SIR_LIRM_2_201612241070627_20161224107455_2001 CS_OFFL_SIR_LIRM_2_201612241070627_20161224107455_2001 CS_OFFL_SIR_LIRM_2_201612241070627_20161224107455_2001 CS_OFFL_SIR_LIRM_2_201612241070627_20161224107455_2001 CS_OFFL_SIR_LIRM_2_201612241070627_201612241073707_C001 CS_OFFL_SIR_LIRM_2_201612241070627_201612241073707_C001 CS_OFFL_SIR_LIRM_2_201612241070627_201612241073707_C001 CS_OFFL_SIR_LIRM_2_201612241070627_201612241073707_C001 CS_OFFL_SIR_LIRM_2_201612241070627_201612241073707_C001 CS_OFFL_SIR_LIRM_2_201612241070627_201612241073707_C001 CS_OFFL_SIR_LIRM_2_201612241070640_201612241073707_C001 CS_OFFL_SIR_LIRM_2_201612241070640_201612241073707_C001 CS_OFFL_SIR_LIRM_2_201612241070640_201612241073707_C001 CS_OFFL_SIR_LIRM_2_201612241070640_2016122410706405_2001 CS_OFFL_SIR_LIRM_2_2016122410706400_2016122410706405_2001 CS_OFFL_SIR_LIRM_2_2016122410706400_2016122410706405_2001 CS_OFFL_SIR_LIRM_2_2016122410706400_201612241106405_2001 CS_OFFL_SIR_LIRM_2_2016122411090600_201612241106405_2001 CS_OFFL_SIR_LIRM_2_2016122411090600_201612241106600_2001612241106	r one or more
Sofficial Registration 2 201612241043516 20161224104535 C001 Sofficial Registration 2 20161224104721 20161224104535 C001 Sofficial Registration 2 20161224104721 20161224104535 C001 Sofficial Registration 2 20161224104721 20161224104535 C001 Sofficial Registration 2 201612241064721 20161224104725 C001 Sofficial Registration 2 201612241061813 20161224104725 C001 Sofficial Registration 2 201612241061813 20161224104725 C001 Sofficial Registration 2 201612241061813 20161224104725 C001 Sofficial Registration 2 201612241076872 20161224107458 C001 Sofficial Registration 2 201612241076872 20161224107458 C001 Sofficial Registration 2 201612241076872 201612241072037 C001 Sofficial Registration 2 20161224107204 201612241072037 C001 Sofficial Registration 2 20161224107002 201612241097074 C001 Sofficial Registration 2 20161224109107 201612241097074 C001 Sofficial Registration 2 20161224109107 201612241093337 C001 Sofficial Registration 2 20161224109303 20161224100593 C001 Sofficial Registration 2 20161224110920 201612241100593 C001 Sofficial Registration 2 20161224110950 20161224110050 C001 Sofficial Registration 2 20161224110950 20161224113745 C001 Sofficial Registration 2 20161224110953 20161224113745 C001 Sofficial Registration 2 20161224113053 20161224113745 C001 Sofficial Registration 2 20161224113053 20161224113745 C001 Sofficial Registration 2 20161224113053 201612241135726 C001 Sofficial Registration 2 20161224113053 201612241135726 C001 Sofficial Registration 2 20161224113053 201612241135726 C001 Sofficial Registration 2 20161224113053 2016122411357	one or more
Error (Retracker 2) telepht Error (Retracker 2) telepht Error (Retracker 3) Backscatter Error (Retracker 3) For one or more records or Retracker 2 and a his retracker 3 per control of Retracker 2 and a his retracker 3 per control of Retr	r one or more
CS_OFFL_SIR_LRM_2_20161224T062413_20161224T067573_C001 CS_OFFL_SIR_LRM_2_20161224T062413_20161224T067573_C001 CS_OFFL_SIR_LRM_2_20161224T061613_20161224T07458_C001 CS_OFFL_SIR_LRM_2_20161224T07627_20161224T071458_C001 CS_OFFL_SIR_LRM_2_20161224T07627_20161224T071458_C001 CS_OFFL_SIR_LRM_2_20161224T07627_20161224T071458_C001 CS_OFFL_SIR_LRM_2_20161224T07627_20161224T072037_C001 CS_OFFL_SIR_LRM_2_20161224T07627_20161224T072037_C001 CS_OFFL_SIR_LRM_2_20161224T07627_20161224T072037_C001 CS_OFFL_SIR_LRM_2_20161224T072047_20161224T072037_C001 CS_OFFL_SIR_LRM_2_20161224T072047_20161224T072037_C001 CS_OFFL_SIR_LRM_2_20161224T07627_20161224T07607_20101224T087672_C001 CS_OFFL_SIR_LRM_2_20161224T076402_20161224T087507_C001 CS_OFFL_SIR_LRM_2_20161224T076402_20161224T08243_C001 CS_OFFL_SIR_LRM_2_20161224T08408_20161224T082343_C001 CS_OFFL_SIR_LRM_2_20161224T083158_20161224T082343_C001 CS_OFFL_SIR_LRM_2_20161224T083158_20161224T08335_C001 CS_OFFL_SIR_LRM_2_20161224T083532_20161224T084585_C001 CS_OFFL_SIR_LRM_2_20161224T083532_20161224T084585_C001 CS_OFFL_SIR_LRM_2_20161224T083532_20161224T085458_C001 CS_OFFL_SIR_LRM_2_20161224T08408_20161224T098545_C001 CS_OFFL_SIR_LRM_2_20161224T098592_20161224T098545_C001 CS_OFFL_SIR_LRM_2_20161224T098592_20161224T098545_C001 CS_OFFL_SIR_LRM_2_20161224T098592_20161224T100258_C001 CS_OFFL_SIR_LRM_2_20161224T103102_20161224T100258_C001 CS_OFFL_SIR_LRM_2_20161224T	one or more
CS_OFFL_SIR_LRM_2_20161224T061613_20161224T064725_C001 CS_OFFL_SIR_LRM_2_20161224T07627_20161224T07485_C001 CS_OFFL_SIR_LRM_2_20161224T079627_20161224T07485_C001 CS_OFFL_SIR_LRM_2_20161224T07925_20161224T072037_C001 CS_OFFL_SIR_LRM_2_20161224T07925_20161224T072037_C001 CS_OFFL_SIR_LRM_2_20161224T07925_20161224T072037_C001 CS_OFFL_SIR_LRM_2_20161224T07926_20161224T073707_C001 CS_OFFL_SIR_LRM_2_20161224T072041_20161224T073707_C001 CS_OFFL_SIR_LRM_2_20161224T072041_20161224T073707_C001 CS_OFFL_SIR_LRM_2_20161224T072041_20161224T087077_C001 CS_OFFL_SIR_LRM_2_20161224T072041_20161224T087077_C001 CS_OFFL_SIR_LRM_2_20161224T07402_20161224T087077_C001 CS_OFFL_SIR_LRM_2_20161224T07402_20161224T087077_C001 CS_OFFL_SIR_LRM_2_20161224T081007_20161224T082074_C001 EVENTOR OF A CONTROL OF	nd a height error
(Refracker 3), Backscatter Error (Retracker 2), Eachscatter Error	nd a height error
(Retracker 2), Backscatter Error (Retracker 2) and a fire feet activate 2 and a fire feet activate 3 activates 2 and a fire feet activate 3 activates 2 and a fire feet activate 3 activates 3 activate 4 activates 3 activates 3 activated 3 activates 4 ac	nd a height error
Error (Retracker 2) Error (Retracker 3) Error (Retracker 2) Error (Retracker 3) Error (Retracker 2) Error (Retracker 3) Error	nd a height error
(Retracker 3), Backscatter Error (Retracker 2) and a his of Retracker 2 and a his of Retracker 3	one or more
CS_OFFL_SIR_LRM_2_20161224T081007_20161224T082343_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20161224T0935158_20161224T093337_C001 CS_OFFL_SIR_LRM_2_20161224T093532_20161224T093337_C001 CS_OFFL_SIR_LRM_2_20161224T093532_20161224T094616_C001 CS_OFFL_SIR_LRM_2_20161224T093532_20161224T094545_C001 CS_OFFL_SIR_LRM_2_20161224T094608_20161224T095345_C001 CS_OFFL_SIR_LRM_2_20161224T094608_20161224T100258_C001 CS_OFFL_SIR_LRM_2_20161224T103503_20161224T100258_C001 CS_OFFL_SIR_LRM_2_20161224T10302_20161224T100258_C001 CS_OFFL_SIR_LRM_2_20161224T10302_20161224T100058_C001 CS_OFFL_SIR_LRM_2_20161224T10302_20161224T100058_C001 CS_OFFL_SIR_LRM_2_20161224T10302_20161224T100058_C001 CS_OFFL_SIR_LRM_2_20161224T10302_20161224T1100058_C001 CS_OFFL_SIR_LRM_2_20161224T110005_20161224T110005 CS_OFFL_SIR_LRM_2_20161224T110005_20161224T115906_C001 CS_OFFL_SIR_LRM_2_20161224T110005_20161224T115906_C001 CS_OFFL_SIR_LRM_2_20161224T112000_20161224T115906_C001 CS_OFFL_SIR_LRM_2_20161224T112000_20161224T1123415_C001 CS_OFFL_SIR_LRM_2_20161224T124000_20161224T123415_C001 CS_OFFL_SIR_LRM_2_20161224T124005_20161224T123055_C001 CS_OFFL_SIR_LRM_2_20161224T124005_20161224T123055_C001 CS_OFFL_SIR_LRM_2_20161224T124005_20161224T123055_C001 CS_OFFL_SIR_LRM_2_20161224T124005_20161224T123055_C001 CS_OFFL_SIR_LRM_2_20161224T124005_20161224T123055_C001 CS_OFFL_SIR_LRM_2_20161224T124005_20161224T123055_C001 CS_OFFL_SIR_LRM_2_20161224T124005_20161224T125055_C001 CS_OFFL_SIR_LRM_2_20161224T124005_20161224T130506_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T1340552_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T134552_2	nd a height error
Error (Retracker 2) Height Error (Retracker 2) and a her ferror (Retracker 2) and a her ferror (Retracker 2) and a her ferror (Retracker 3) and backscatter error for Retracker 2 and a her ferror (Retracker 3) and backscatter error for Retracker 3 and a her ferror (Retracker 3) and backscatter error for Retracker 3 and a her ferror (Retracker 3) and backscatter error for Retracker 3 and a her ferror (Retracker 3) and backscatter error for Retracker 2 and a her ferror (Retracker 2) and backscatter error for Retracker 2 for one or feeconds CS_OFFL_SIR_LRM_2_20161224T094808_20161224T095345_0001 CS_OFFL_SIR_LRM_2_20161224T1095629_20161224T100258_0001 CS_OFFL_SIR_LRM_2_20161224T103102_20161224T105503_0001 CS_OFFL_SIR_LRM_2_20161224T103102_20161224T105503_0001 CS_OFFL_SIR_LRM_2_20161224T110921_20161224T113741_0001 CS_OFFL_SIR_LRM_2_20161224T115912_20161224T115926_0001 CS_OFFL_SIR_LRM_2_20161224T115912_20161224T115926_0001 CS_OFFL_SIR_LRM_2_20161224T115912_20161224T115926_0001 CS_OFFL_SIR_LRM_2_20161224T115912_20161224T115926_0001 CS_OFFL_SIR_LRM_2_20161224T115912_20161224T1159550_0001 CS_OFFL_SIR_LRM_2_20161224T1124009_20161224T112457_0001 CS_OFFL_SIR_LRM_2_20161224T114005_20161224T1125955_0001 CS_OFFL_SIR_LRM_2_20161224T114005_20161224T1125955_0001 CS_OFFL_SIR_LRM_2_20161224T114005_20161224T1125955_0001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_0001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_0001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_0001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135726_0001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135726_0001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135726_0001 CS_OFFL_SIR_LRM_2_20161224T135532_20161224T135726_0001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135726_0001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T1357	one or more
CS_OFFL_SIR_LRM_2_20161224T093532_20161224T093337_C001 CS_OFFL_SIR_LRM_2_20161224T093532_20161224T094616_C001 CS_OFFL_SIR_LRM_2_20161224T093532_20161224T094616_C001 CS_OFFL_SIR_LRM_2_20161224T093532_20161224T095345_C001 CS_OFFL_SIR_LRM_2_20161224T094808_20161224T100258_C001 CS_OFFL_SIR_LRM_2_20161224T094606_C001 CS_OFFL_SIR_LRM_2_20161224T095629_20161224T100258_C001 CS_OFFL_SIR_LRM_2_20161224T095629_20161224T100258_C001 CS_OFFL_SIR_LRM_2_20161224T103102_20161224T105503_C001 CS_OFFL_SIR_LRM_2_20161224T1103102_20161224T113741_C001 CS_OFFL_SIR_LRM_2_20161224T110921_20161224T113741_C001 CS_OFFL_SIR_LRM_2_20161224T110921_20161224T115926_C001 CS_OFFL_SIR_LRM_2_20161224T110921_20161224T115926_C001 CS_OFFL_SIR_LRM_2_20161224T112009_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T112093_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T1130534_20161224T125955_C001 CS_OFFL_SIR_LRM_2_20161224T1130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T	one or more
Error (Retracker 2) Height Error (Retracker 2) H	nd a height error
Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2) H	one or more
CS_OFFL_SIR_LRM_2_20161224T095849_20161224T10058_C001 CS_OFFL_SIR_LRM_2_20161224T103102_20161224T105503_C001 CS_OFFL_SIR_LRM_2_20161224T103102_20161224T105503_C001 CS_OFFL_SIR_LRM_2_20161224T110921_20161224T113741_C001 CS_OFFL_SIR_LRM_2_20161224T110921_20161224T115926_C001 CS_OFFL_SIR_LRM_2_20161224T115912_20161224T115926_C001 CS_OFFL_SIR_LRM_2_20161224T121009_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T124200_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T124200_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T124520_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T124520_20161224T125955_C001 CS_OFFL_SIR_LRM_2_20161224T135734_20161224T132224_C001 CS_OFFL_SIR_LRM_2_20161224T135734_20161224T132224_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135736_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001	one or more
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20161224T103102_20161224T113741_C001 CS_OFFL_SIR_LRM_2_20161224T110921_20161224T113741_C001 CS_OFFL_SIR_LRM_2_20161224T115912_20161224T113741_C001 CS_OFFL_SIR_LRM_2_20161224T115912_20161224T115926_C001 CS_OFFL_SIR_LRM_2_20161224T112009_20161224T123415_C001 CS_OFFL_SIR_LRM_2_20161224T12009_20161224T123415_C001 CS_OFFL_SIR_LRM_2_20161224T124200_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T124200_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T124935_20161224T125955_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T132224_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T132224_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135732_20161224T135732_20161224T135732_20161224T135732_20161224T135732_20161224T13014_C001 Error (Retracker 2), Backscatter Error (Retracker 2),	nd a height error
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20161224T110921_20161224T113741_C001 Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), B	r one or more
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20161224T115912_20161224T115926_C001 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2) CS_OFFL_SIR_LRM_2_20161224T121009_20161224T123415_C001 CS_OFFL_SIR_LRM_2_20161224T12400_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T124935_20161224T125955_C001 CS_OFFL_SIR_LRM_2_20161224T135734_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135732_20161224T140314_C001 Error (Retracker 2) Height Error (Retracker 2), Backscatter	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20161224T121009_20161224T123415_C001 CS_OFFL_SIR_LRM_2_20161224T12400_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T124935_20161224T125955_C001 CS_OFFL_SIR_LRM_2_20161224T134534_20161224T135734_C001 CS_OFFL_SIR_LRM_2_20161224T135734_20161224T135736_C001 CS_OFFL_SIR_LRM_2_20161224T135732_	
CS_OFFL_SIR_LRM_2_20161224T12400_20161224T124527_C001 CS_OFFL_SIR_LRM_2_20161224T124935_20161224T125955_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T135732_20161224T140314_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001 (Retracker 3), Backscatter Error (Retracker 3) on e or more records Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records	one or more
CS_OFFL_SIR_LRM_2_20161224T124935_20161224T125955_C001 CS_OFFL_SIR_LRM_2_20161224T130534_20161224T132224_C001 CS_OFFL_SIR_LRM_2_20161224T134552_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001 Height Error (Retracker 2), Backscatter Error (Ret	nd a height error
CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001 Error (Retracker 2) Height Error (Retracker 2), Backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records There is a height and backscatter error for Retracker 2 for one or records	
CS_OFFL_SIR_LRM_2_20161224T13534_20161224T135726_C001 CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (R	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20161224T135732_20161224T140314_C001 Error (Retracker 2) Fleight Error (Retracker 2), Backscatter Error (Retracker 2) Fleight Erro	
Error (Retracker 2) Height Error (Petracker 2) Height Error	
Height Error (Retracker 2), Height Error	one or more
CS_OFFL_SIR_LRM_2_20161224T142900_20161224T150144_C001 (Retracker 3), Backscatter Error (Retracker 2)	-
CS_OFFL_SIR_LRM_2_20161224T152716_20161224T152825_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) and backscatter error for Retracker 2 for one of records	one or more
CS_OFFL_SIR_LRM_2_20161224T153335_20161224T155122_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or records	
CS_OFFL_SIR_LRM_2_20161224T160744_20161224T162933_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) records	one or more
CS_OFFL_SIR_LRM_2_20161224T163107_20161224T164150_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) From (Retrac	
CS_OFFL_SIR_LRM_2_20161224T170308_20161224T170443_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or records	one or more
CS_OFFL_SIR_LRM_2_20161224T170556_20161224T173047_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) Face of the control of the	one or more
CS_OFFL_SIR_LRM_2_20161224T174723_20161224T182001_C001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) (Retracker 2) There is a height and backscatter error for Retracker 2 and a height error (Retracker 3) (Retracker 2)	nd a height error
CS_OFFL_SIR_LRM_2_20161224T183615_20161224T185509_C001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records	nd a height error

	Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220161224T185536_20161224T190835_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220161224T191732_20161224T191929_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_20161224T192633_20161224T194152_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records
CS_OFFL_SIR_LRM_220161224T194355_20161224T195317_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_220161224T201910_20161224T203237_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_220161224T204901_20161224T204959_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_220161224T205557_20161224T205853_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220161224T215907_20161224T220443_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_20161224T220727_20161224T223102_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_20161224T223403_20161224T224232_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220161224T224520_20161224T231036_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_220161224T234159_20161224T235316_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_SIN_220161224T001319_20161224T001357_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_220161224T010306_20161224T010426_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T010459_20161224T010706_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20161224T011304_20161224T011433_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T024256_20161224T024613_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T025135_20161224T025254_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T042147_20161224T042507_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T043029_20161224T043153_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T050835_20161224T050909_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_220161224T051112_20161224T051408_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T055819_20161224T060014_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T060847_20161224T061022_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T064746_20161224T064851_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T065207_20161224T065307_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T073724_20161224T073902_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_220161224T074444_20161224T074449_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220161224T074620_20161224T074827_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220161224T082618_20161224T082826_C001	SARIn X-track Angle Error SARIn X-track Angle Error, Surface	records An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_220161224T083006_20161224T083221_C001	Model Unavailable	Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220161224T091636_20161224T091822_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220161224T092505_20161224T093158_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T105603_20161224T105859_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T110240_20161224T110246_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T110603_20161224T110804_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T123505_20161224T123641_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T124527_20161224T124653_C001	SARIn X-track Angle Error SARIn X-track Angle Error, Surface	records An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_2_20161224T133357_20161224T133429_C001	Model Unavailable	Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T141516_20161224T141640_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T142227_20161224T142246_C001	SARIn X-track Angle Error SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T142428_20161224T142541_C001	-	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T155443_20161224T155608_C001 CS_OFFL_SIR_SIN_2_20161224T160119_20161224T160422_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T160119_20161224T160422_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T173503_20161224T173802_C001 CS_OFFL_SIR_SIN_2_20161224T174021_20161224T174538_C001	SARIn X-track Angle Error SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T174021_20161224T174538_C001	-	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T183121_20161224T183533_C001 CS_OFFL_SIR_SIN_2_20161224T191458_20161224T191732_C001	SARIn X-track Angle Error SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20161224T191436_20161224T191732_C001 CS_OFFL_SIR_SIN_2_20161224T191930_20161224T192104_C001	SARIN X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
30_3E_00220.012241101000_201012241102104_0001	O MAIL A GOOD AND END	records

CS_OFFL_SIR_SIN_220161224T192432_20161224T192603_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T201013_20161224T201127_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T201312_20161224T201544_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T204959_20161224T205557_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T205853_20161224T205900_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T210333_20161224T210516_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T214936_20161224T215156_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T223214_20161224T223403_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T224233_20161224T224428_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161224T232317_20161224T232335_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

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	178	178	178	0	0
SIR_LRM_2	172	172	172	0	0
SIR_LRMI2_	172	172	172	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	102	102	102	0	0
SIR_SIN_2	102	102	102	0	0
SIR_SINI2	102	102	102	0	0
SIR_GDR_2	13	13	13	0	0

6.1 QCC Errors

Number of products with QCC errors:

0

6.2 QCC Warnings

Number of QCC reports with warnings

0

6.2 Missing QCC Reports

Number of products with missing QCC reports:

104