



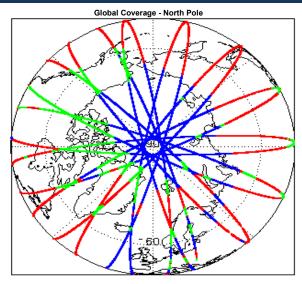
1. Overview

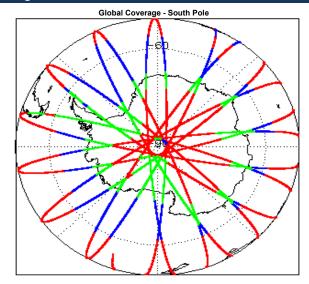
Report Production Date:	24-Nov-2017
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

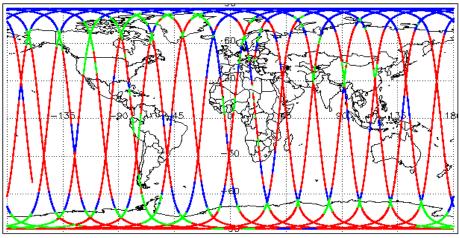
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File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

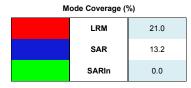
Mission / Instrument News				
27-Oct-2017	None			
28-Oct-2017	None			
29-Oct-2017	Nothing planned			

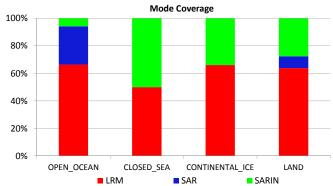
2. Global Coverage

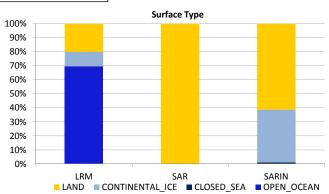












3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

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:

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:

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.

Number of products with errors: 112

Product	Test Failed	Description
CS OFFL SIR LRM 2 20171027T235652 20171028T001726 C001		There is a height and backscatter error for Retracker 2 for one or more
	,	records
CS_OFFL_SIR_LRM_220171028T002012_20171028T003131_C001	. ,	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220171028T004148_20171028T004451_C001	, ,	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220171028T005248_20171028T005833_C001	. ,	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220171028T010128_20171028T011741_C001		There is a height and backscatter error for Retracker 2 for one or more records

CS_CREL_SRI_LBM_2_20171000703050_20171007100000000000000000000000000000	CS OFFL SIR LRM 2 20171028T012322 20171028T012822 C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
The property of the processes of the control of the		Height Error (Retracker 2), Height Error	·
CONTUBUILINGOUTFORTEDSES_OUTFORTEDSES_CONTUBUILINGCONTUBUILI	CS_OFFL_SIR_LRM_220171028T013521_20171028T021106_C001	(Retracker 2)	for Retracker 3 for one or more records
CSC OFFL SRL LIMP 2_20171008100081 _20171028100082_2001 CSC OFFL SRL LIMP 2_20171008100082_20171028100820_2001 CSC OFFL SRL LIMP 2_20171008100082_20171028110082_20017108110082_20017108110820_20017108110820_20017108110820_20017108110820_20017108110820_20017108110820_20017108110820_20017108110800082_20017108110800082_20017108110800082_20017108110800082_20017108110800082_2001710810810800082_20017108110800082_20017108110	CS_OFFL_SIR_LRM_220171028T023306_20171028T025600_C001	Error (Retracker 2)	records
SCI-CFFL_SRIL_LEM_2_0071028703009_0071028703009_00001 CS_OFFL_SRIL_LEM_2_0071028703009_0071028703009_00001 CS_OFFL_SRIL_LEM_2_0071028703009_00710287030000000000000000000000000000000000	CS_OFFL_SIR_LRM_220171028T031511_20171028T033012_C001	Error (Retracker 2)	records
CS. OFFL. SRILEM 2_20171028T04038_20171028T050392_C000 SQ. OFFL. SRILEM 2_20171028T04038_20171028T050392_C000 SQ. OFFL. SRILEM 2_20171028T04066_20171028T060392_C000 SQ. OFFL. SRILEM 2_20171028T04066_20171028T060392_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T060392_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T060392_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T060394_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T070394_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T060393_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T070394_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T070394_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T070394_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T070394_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T060393_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T060393_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T060393_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T060393_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T160393_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T160393_C000 SQ. OFFL. SRILEM 2_20171028T060392_20171028T160393_C000	CS_OFFL_SIR_LRM_220171028T033015_20171028T033146_C001	Error (Retracker 2)	
SQ_OFF_SR_LEM_2_20171028T004262_00171028T000062_COID SQ_OFF_SR_LEM_2_20171028T004062_COID SQ_OFF_SR_LEM_2_	CS_OFFL_SIR_LRM_220171028T033628_20171028T034802_C001	(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
CS_OFFL_SIR_LEM_2_20171028T04505_02171028T02080_0001 CS_OFFL_SIR_LEM_2_20171028T050482_20171028T02080_0001 CS_OFFL_SIR_LEM_2_20171028T050482_20171028T02080_0001 CS_OFFL_SIR_LEM_2_20171028T050482_20171028T02080_0001 CS_OFFL_SIR_LEM_2_20171028T050482_20171028T02080_0001 CS_OFFL_SIR_LEM_2_20171028T050482_20171028T02080_0001 CS_OFFL_SIR_LEM_2_20171028T050482_20171028T02080_0001 CS_OFFL_SIR_LEM_2_20171028T050482_20171028T02080_0001 CS_OFFL_SIR_LEM_2_20171028T050482_20171028T02080_0001 CS_OFFL_SIR_LEM_2_20171028T050482_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050492_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050492_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050492_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050492_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050492_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050492_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050492_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050492_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050492_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050490_20171028T050490_0001 CS_OFFL_SIR_LEM_2_20171028T050490_201710	CS_OFFL_SIR_LRM_220171028T040336_20171028T042032_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIL_LIM_2_201710287105205_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287105305_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287105305_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287105305_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287105305_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287105305_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287105305_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287105305_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287053105_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287053105_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287053105_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287053105_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287053105_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287053105_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287053105_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287053105_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287053105_2017.00287050505_C001 CS_OFFL_SIL_LIM_2_201710287050505_C001 CS_OFFL_SIL_LIM_2_2017102871050505_C001 CS_OFFL_SIL_LIM_2_2017102871050505_C	CS OFFI SIR LRM 2 20171028T042246 20171028T043722 C001	Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error
Entry (Februarder 2). Beatscarter Entry		(Retracker 2)	
Error (Retraction 2) G., OFFL, SRI, LRML 2_001110081004592 001110081005694 CO01 G., OFFL, SRI, LRML 2_001110081004592 00111008100594 CO01 G., OFFL, SRI, LRML 2_001110081004592 00111008100594 CO01 G., OFFL, SRI, LRML 2_001110081004592 00111008100594 CO01 G., OFFL, SRI, LRML 2_00111008100459 00111008100594 CO01 G., OFFL, SRI, LRML 2_00111008100594 00111008100595 CO01 G., OFFL, SRI, LRML 2_0011100810595 CO01 G., OFFL, SRI, LRML 2_0011100810595 CO01 G., OFFL, SRI, LRML 2_0011100810595 CO01 G., OFFL, SRI, LRML 2_00111008110595 CO01 G., OFFL, SRI, LRML 2_00111008		Error (Retracker 2)	records
Refinache 3), Backscatter Empt These is a height and backscatter error for Retracke 2 for one or not	CS_OFFL_SIR_LRM_220171028T051058_20171028T052012_C001	Error (Retracker 2)	records
Enro (Retroduce 2) second (Ret	CS_OFFL_SIR_LRM_220171028T054359_20171028T055945_C001	(Retracker 3), Backscatter Error	
Page Terror (Petracker 2) Backscatter Page Terror (Petracker 2) Page Terror (P	CS_OFFL_SIR_LRM_220171028T060457_20171028T061752_C001		There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2) and a height and backcaster error for Retracker 2 for one or nor records CS_OFFL_SIR_LRM_2_20171026709349_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709349_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709349_20171028709340_0001 CS_OFFL_SIR_LRM_2_201710267093402_20171028709340_0001 CS_OFFL_SIR_LRM_2_201710267093402_20171028709340_0001 CS_OFFL_SIR_LRM_2_201710267093402_20171028709340_0001 CS_OFFL_SIR_LRM_2_201710267093402_201710287093405_0001 CS_OFFL_SIR_LRM_2_201710267093402_201710287093405_0001 CS_OFFL_SIR_LRM_2_201710267093402_201710287093405_0001 CS_OFFL_SIR_LRM_2_201710267093402_20171028709340_0001 CS_OFFL_SIR_LRM_2_201710267093402_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_20171028709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_0001 CS_OFFL_SIR_LRM_2_20171026709340_0001 CS_OFFL_SIR_LRM_2_201710267109300_0001700267109340_0001 CS_OFFL_SIR_LRM_2_201710267109300_0001700267109300_0001 CS_OFFL_SIR_LRM_2_201710267109300_0001700267109300_	CS_OFFL_SIR_LRM_220171028T062222_20171028T063041_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Error (Retracker 2) Height Error (Retracker 2) Height Error (Retracker 3) Backscatter error for Retracker 2 and a height Retracker 3) Backscatter error for Retracker 2 and a height Retracker 3) Backscatter error for Retracker 2 and a height Retracker 3) Backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220171028T063410_20171028T064947_C001	Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_201710281073142_07170281073014_0001 Height Error (Retracker 2), Backscatter Error (Retracker 2), 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 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 for Retracker 3), Backscatter error (Retracker 3), Backscatter error (Retracker 3), Backscatter error (Retracker 2), Backscatter error (Retracker 2), Backscatter error (Retracker 3), Backscatter error (Retracker 2), Backscatter error (Retrack	CS_OFFL_SIR_LRM_220171028T065209_20171028T065420_C001	, ,	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20171028T093042_20171028T192814_2001 CS_OFFL_SIR_LRM_2_20171028T090042_20171028T09004_C001 Surface Model Unavailable Height Error (Retracker 2). Height Error (Retracker 2). Surface Model Unavailable Height Error (Retracker 2). Height Error (Retracker 2). Surface Model Unavailable Height Error (Retracker 2). Height Error (Retracker 2). Surface Model Unavailable Height Error (Retracker 2). Height Error (Retracker 2). Surface Model Unavailable Height Error (Retracker 2). Height Error (Retracker 2). Height Error (Retracker 2). Height Error (Retracker 2). Height E	CS_OFFL_SIR_LRM_2_20171028T072145_20171028T073024_C001	(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
CS_OFFL_SIR_LRM_2_20171028T080402_20171028T080094_C001 Surface Model Unavailable Height Error (Retracker 2). Backscatter Retracker 3). Backscatter Error (Retracker 2). Backscatter Retracker 3). Backscatter Error (Retracker 2). Backscatter Retracker 3). Backscatter Error (Retracker 2). Height Error (Retracker 2). Height Error (Retracker 3). Backscatter Error (Retracker 2). Height Error (Retracker 3). Backscatter Error (Retracker 3). Backscatter Error (Retracker 3). Height Error (Retracker 3). Backscatter Error (Retracker 3). Height Error (Retracker 3). Backscatter Error (Retracker 3). Backscatter	CS OFFL SIR LRM 2 20171028T073142 20171028T073514 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20171028T08904_20171028T089094_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Retracker 2). Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backsca		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Height Error (Retracker 2). Height Error (Retracker 2) and a height careful for Retracker 2 and a height careful for Retracker 2 from one or more records (Retracker 2). Backscatter Error (Retracker 3). Backscatter Error (Retracker 2). Backscatter Error (Retracker		,	records No DEM or Slope Model was used for the location of one or more records
tor Retracker 3 (prone or more records Retracker 3 (prone or more records Retracker 3 (prone or more records Retracker 3 (prone or more records) Retracker		Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error
(Retracker 2), Backscatter Error (Retracker 3), ends caster Error (Retracker 3) for one or more records (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), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backs	CS_OFFL_SIR_LRM_2201710281081358_201710281083725_C001	(Retracker 2)	
CS_OFFL_SIR_LRM_2_20171028T0990923_20171028T0990943_C001 CS_OFFL_SIR_LRM_2_20171028T092605_20171028T0930943_C001 CS_OFFL_SIR_LRM_2_20171028T095246_20171028T101950_C001 CS_OFFL_SIR_LRM_2_20171028T095246_20171028T103008_C001 CS_OFFL_SIR_LRM_2_20171028T102720_20171028T103008_C001 CS_OFFL_SIR_LRM_2_20171028T104226_20171028T103008_C001 CS_OFFL_SIR_LRM_2_20171028T104226_20171028T11433_C001 CS_OFFL_SIR_LRM_2_20171028T104226_20171028T11433_C001 CS_OFFL_SIR_LRM_2_20171028T120032_20171028T120048_C001 CS_OFFL_SIR_LRM_2_20171028T122125_20171028T120306_C001 CS_OFFL_SIR_LRM_2_20171028T122125_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T13213_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T131323_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T132132_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T1313947_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T135947_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T135947_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T135947_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T135947_20171028T131516_C001 CS_OFFL_SIR_LRM_2_20171028T1653557_20171028T16125_C001 CS_OFFL_SIR_LRM_2_20171028T165357_20171028T1615_C001 CS_OFFL_SIR_LRM_2_20171028T1653557_20171028T1615_C001 CS_OFFL_SIR_LRM_2_20171028T1643032_20171028T16451_C001 CS_OFFL_SIR_LRM_2_20171028T1643032_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164052_20171028T16415_C001 CS_OFFL_SIR_LRM_2_20171028T164052_20171028T16415_C001 CS_OFFL_SIR_LRM_2_20171028T164052_20171028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_20171028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_20171028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_20171028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_20171028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_20171028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_0017028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_0017028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_0017028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_0017028T16406_C001 CS_OFFL_SIR_LRM_2_20171028T164052_0017028T16406	CS_OFFL_SIR_LRM_220171028T085019_20171028T085045_C001	(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
Error (Retracker 2). Height Error (Retracker 2). Height Error (Retracker 3 for one or more records for Retracker 2). Height Error (Retracker 2). Height Error (Retracker 3 for one or more records for Retracker 3). Backscatter Error (Retracker 2). Backscatter Error	CS_OFFL_SIR_LRM_220171028T090923_20171028T092027_C001	(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
CS_OFFL_SIR_LRM_2_20171028T1028T095246_20171028T103008_C001 CS_OFFL_SIR_LRM_2_20171028T10426_20171028T11433_C001 CS_OFFL_SIR_LRM_2_20171028T10426_20171028T11433_C001 CS_OFFL_SIR_LRM_2_20171028T1028T120048_C001 CS_OFFL_SIR_LRM_2_20171028T12003_20171028T120048_C001 CS_OFFL_SIR_LRM_2_20171028T122125_20171028T120048_C001 CS_OFFL_SIR_LRM_2_20171028T122125_20171028T120046_C001 CS_OFFL_SIR_LRM_2_20171028T122125_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T12322_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T131213_20171028T125441_C001 CS_OFFL_SIR_LRM_2_20171028T131213_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T131213_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T135947_20171028T132312_C001 CS_OFFL_SIR_LRM_2_20171028T135243_C001 CS_OFFL_SIR_LRM_2_20171028T135243_C001 CS_OFFL_SIR_LRM_2_20171028T135243_C001 CS_OFFL_SIR_LRM_2_20171028T152833_20171028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T152815_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T152815_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T152815_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T173303_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T173303_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T1733616_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T1733616_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T1733616_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T1733616_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T1733616_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T1733616_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T1733616_C001 CS_OFFL_SIR_LRM_2_20171028T164625_2	CS_OFFL_SIR_LRM_220171028T092605_20171028T093543_C001		There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20171028T104226_20171028T11433_C001 CS_OFFL_SIR_LRM_2_20171028T104226_20171028T120048_C001 CS_OFFL_SIR_LRM_2_20171028T122125_20171028T120048_C001 CS_OFFL_SIR_LRM_2_20171028T122125_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T122125_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T12322_20171028T125441_C001 CS_OFFL_SIR_LRM_2_20171028T13322_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T131213_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T131213_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T131213_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T131213_20171028T13213_C001 CS_OFFL_SIR_LRM_2_20171028T135301_20171028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T153801_20171028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T153801_20171028T155116_C001 CS_OFFL_SIR_LRM_2_20171028T155557_20171028T16251_C001 CS_OFFL_SIR_LRM_2_20171028T163032_20171028T162515_C001 CS_OFFL_SIR_LRM_2_20171028T163032_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T1763616_C001 CS_OFFL_SIR_LRM_2_20171028T172557_20171028T173616_C001 CS_OFFL_SIR_LRM_2_20171028T172557_	CS_OFFL_SIR_LRM_220171028T095246_20171028T101950_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
Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter error for Retracker 2 and a height for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20171028T122125_20171028T123036_C001 ES_OFFL_SIR_LRM_2_20171028T123322_20171028T125441_C001 CS_OFFL_SIR_LRM_2_20171028T133322_20171028T132152_C001 Eleight Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Ba	CS_OFFL_SIR_LRM_220171028T102720_20171028T103008_C001	(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
CS_OFFL_SIR_LRM_2_20171028T12003_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T122125_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T123122_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T123322_20171028T123036_C001 CS_OFFL_SIR_LRM_2_20171028T131213_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T131213_20171028T132152_C001 CS_OFFL_SIR_LRM_2_20171028T135947_20171028T143322_C001 CS_OFFL_SIR_LRM_2_20171028T145233_20171028T143322_C001 CS_OFFL_SIR_LRM_2_20171028T145233_20171028T143322_C001 CS_OFFL_SIR_LRM_2_20171028T145233_20171028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T15233_20171028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T1523001_2017028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T1523001_2017028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T15557_20171028T164051_C001 CS_OFFL_SIR_LRM_2_20171028T1640625_20171028T164031_C001 CS_OFFL_SIR_LRM_2_20171028T1640625_20171028T173616_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T173616_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T18240_C001 CS_OFFL_SIR_LRM_2_20171028T181240_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T18240_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T18240_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T18240_C001 CS_OFFL_SI	CS_OFFL_SIR_LRM_220171028T104226_20171028T111433_C001	Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20171028T123322_20171028T132152_C001 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter 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), Backscatter Error (Retracker 2), Bac	CS_OFFL_SIR_LRM_220171028T120003_20171028T120048_C001	(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
CS_OFFL_SIR_LRM_2_20171028T132322_20171028T132152_C001 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3) as height and backscatter error for Retracker 2 and a height Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20171028T145233_20171028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T145233_20171028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T153801_20171028T155116_C001 CS_OFFL_SIR_LRM_2_20171028T153801_20171028T164515_C001 CS_OFFL_SIR_LRM_2_20171028T163032_20171028T164515_C001 CS_OFFL_SIR_LRM_2_20171028T163032_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T170303_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T170303_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182003_C001 CS_OFFL_SIR_LRM	CS_OFFL_SIR_LRM_220171028T122125_20171028T123036_C001		There is a height and backscatter error for Retracker 2 for one or more records
records Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2 _ 20171028T153801_20171028T161251_C001 CS_OFFL_SIR_LRM_2 _ 20171028T155557_20171028T161251_C001 CS_OFFL_SIR_LRM_2 _ 20171028T163032_20171028T164315_C001 CS_OFFL_SIR_LRM_2 _ 20171028T163032_20171028T164315_C001 CS_OFFL_SIR_LRM_2 _ 20171028T164625_20171028T170303_C001 CS_OFFL_SIR_LRM_2 _ 20171028T164625_20171028T170303_C001 CS_OFFL_SIR_LRM_2 _ 20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2 _ 20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2 _ 20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2 _ 20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2 _ 20171028T182554 _ 20171028T182100_C001 CS_OFFL_SIR_LRM_2 _ 20171028T181234_20171028T182100_C001 CS_OFFL_SIR_LRM_2 _ 20171028T181234_20171028T182100	CS_OFFL_SIR_LRM_220171028T123322_20171028T125441_C001	, ,	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20171028T145233_20171028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T145233_20171028T152413_C001 CS_OFFL_SIR_LRM_2_20171028T153801_20171028T152116_C001 CS_OFFL_SIR_LRM_2_20171028T155557_20171028T161251_C001 CS_OFFL_SIR_LRM_2_20171028T163032_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T163032_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T170303_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T170303_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T170303_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182003_C001 CS_OFFL_SIR_LRM_2_20171028T181	CS_OFFL_SIR_LRM_220171028T131213_20171028T132152_C001		There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2), Backs	CS_OFFL_SIR_LRM_220171028T135947_20171028T143322_C001	(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
Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backs	CS_OFFL_SIR_LRM_220171028T145233_20171028T152413_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) and a height Error (Retracker 2). Height Error (Retracker 2), Backscatter Error (Retracker 2) and a height Error (Retracker 2). Height Error (Retracker 2). Backscatter Error (Retracker 2). Height Error (Retracker 2). Backscatter Error (Retracker 2). Height Error (Retracker 2). Backscatter Error (Retracker 2). Height Error (Retracker 2). Backscatter Error (Retracker 2).	CS_OFFL_SIR_LRM_220171028T153801_20171028T155116_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20171028T163032_20171028T164315_C001 CS_OFFL_SIR_LRM_2_20171028T164625_20171028T170303_C001 CS_OFFL_SIR_LRM_2_20171028T172557_20171028T173616_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182140_C001 CS_OFFL_SIR_LRM_2_20171028T181234_20171028T182003_C001 CS_OFFL_SIR_LRM_2_20171028T182003_C001 CS_OFFL_SIR_LRM_2_20171028T182003_C001 CS_OFFL_SIR_LRM_2_20171028T182003_C001 CS_OFFL_SIR_LRM_2_2017		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Height Error (Retracker 2), Height Error (Retracker 2) and a height for Retracker 3 in Sackscatter error for Retracker 2 and a height for Retracker 3 in Sackscatter error for Retracker 2 and a height for Retracker 3 in Sackscatter error for Retracker 2 and a height for Retracker 3 in Figure 1 in Sackscatter error for Retracker 2 in Sackscatte		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2	CS_OFFL_SIR_LRM_220171028T164625_20171028T170303_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
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatte	CS_OFFL_SIR_LRM_220171028T172557_20171028T173616_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OEEL_SIR_LBM_2_20171028T182514_20171028T183003_C001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or n	CS_OFFL_SIR_LRM_220171028T181234_20171028T182140_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
50_5151E011 10E01 10E0	CS_OFFL_SIR_LRM_220171028T182514_20171028T183003_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
End (Retracker 2) records		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Height Error (Retracker 2), Height Error (Retracker 2 and a height and backscatter error for Retracker 2 and a height error (Retracker 3 for 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)	CS_OFFL_SIR_LRM_220171028T190855_20171028T192947_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
	CS_OFFL_SIR_LRM_220171028T193921_20171028T194214_C001	,	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20171028T104624_20171028T201318_C001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or n			There is a height and backscatter error for Retracker 2 for one or more
	CS_OFFL_SIR_LRM_220171028T203519_20171028T203543_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more

	Height Error (Retracker 2), Height Error	There is a height and healgeastter error for Petragker 2, and a height error
CS_OFFL_SIR_LRM_220171028T204538_20171028T210922_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_220171028T211820_20171028T212146_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220171028T212543_20171028T213613_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_220171028T214152_20171028T215827_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_20171028T221129_20171028T221347_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_2_20171028T221902_20171028T223516_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_220171028T223519_20171028T224014_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_20171028T225258_20171028T225846_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20171028T225854_20171028T230048_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20171028T230629_20171028T232751_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_220171028T232757_20171028T233814_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_SIN_220171028T004041_20171028T004148_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_220171028T012208_20171028T012322_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T012822_20171028T013141_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T022401_20171028T022422_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_2_20171028T030258_20171028T030534_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T030727_20171028T031352_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T035812_20171028T035932_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T040220_20171028T040335_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T044638_20171028T044725_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T045140_20171028T045314_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T053727_20171028T053832_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T053914_20171028T054003_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T054153_20171028T054359_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T062027_20171028T062222_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T063041_20171028T063229_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T071640_20171028T071848_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_220171028T080000_20171028T080118_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T080318_20171028T080402_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T080905_20171028T081140_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T084945_20171028T085018_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_220171028T093923_20171028T094043_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T094125_20171028T094324_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T094925_20171028T095055_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T111912_20171028T112232_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T112756_20171028T112914_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T125809_20171028T130128_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T130648_20171028T130812_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T134740_20171028T135025_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T143438_20171028T143638_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T144519_20171028T144649_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T152414_20171028T152515_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T152824_20171028T152926_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T161342_20171028T161519_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T162103_20171028T162107_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T162241_20171028T162445_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T170303_20171028T170424_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T170624_20171028T170840_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_2_20171028T175255_20171028T175442_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171028T180001_20171028T180006_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
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CS_OFFL_SIR_SIN_220171028T180017_20171028T180021_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T180123_20171028T180816_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T180942_20171028T181233_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_220171028T193200_20171028T193515_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T193859_20171028T193905_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T194214_20171028T194420_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T211123_20171028T211257_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T212146_20171028T212310_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T221013_20171028T221048_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_220171028T225133_20171028T225257_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T225847_20171028T225853_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171028T230049_20171028T230201_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	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_LRM_1B	161	161	161	0	0
SIR_LRM_2	158	158	158	0	0
SIR_LRMI2_	158	158	158	0	0
SIR_SAR_1B	91	91	91	0	0
SIR_SAR_2	91	91	89	0	2
SIR_SARI2_	91	91	88	0	3
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	14	14	14	0	0

6.1 QCC Errors

Number of products with QCC errors:

5

Product Type	Product Start Time	Test Abbreviation	Test name
SIR_SARI2_	20171028T075740	STRUCTURESIZEANDREADHEADER	Error under investigation
SIR_SARI2_	20171028T175130	STRUCTURESIZEANDREADHEADER	Error under investigation
SIR_SARI2_	20171028T202532	STRUCTURESIZEANDREADHEADER	Error under investigation
SIR_SAR_2_	20171028T021130	STRUCTURESIZEANDREADHEADER	Error under investigation
SIR_SAR_2_	20171028T202532	STRUCTURESIZEANDREADHEADER	Error under investigation

6.2 QCC Warnings

Number of QCC reports with warnings

0

6.2 Missing QCC Reports

Number of products with missing QCC reports:

172