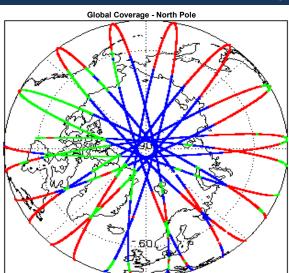
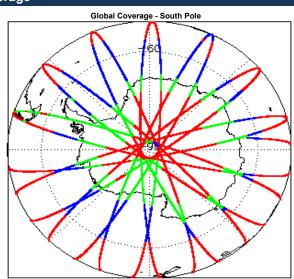


## IDEAS+ Daily Report for OFFLINE data:

<u>23/11/2018</u>

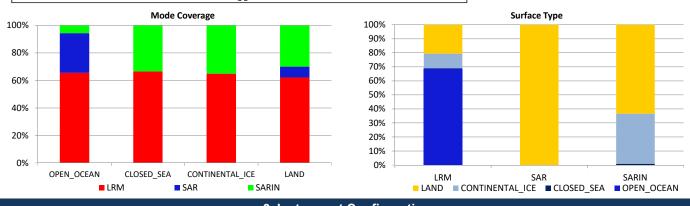
Server check:   science-pds.cryosat.esa.int   Nomina     Processor Used:   CryoSat Ice Processor   Product Software Check   Nomina     Data Used:   L1B and L2 OFFLINE Data   Product Format Check   Nomina     Product Format Check   Server check:   Server check:   Nomina     Product Software Check   Nomina   Product Format Check   Nomina     Product Format Check   Nomina   Dista Used:   L1B and L2 OFFLINE Data   Nomina     Visitiang Check   Nomina   L1B Calibration Usage Check   Nomina     L1B & L2 Auxiliary Data File Usage Check   Nomina   L1B & L2 Auxiliary Correction Error Check   Nomina     L1B & L2 Auxiliary Correction Error Check   See Section 4.7   See Section 4.7     Station / Instrument News   2-Nov-2018   None   None			Check	Status
Processor Used:     CryoSat Ice Processor       Data Used:     L1B and L2 OFFLINE Data       Product Format Check     Nomina       Product Header Analysis     See Section 4.2       Star Tracker Usage Check     Nomina       L1B & L2 Auxiliary Data File Usage Check     Nomina       L1B & L2 Auxiliary Correction Error Check     Nomina       L1B & L2 Auxiliary Correction Error Check     Nomina       L1B & L2 Measurement Confidence Data Check     See Section 4.7       Stastor / Instrument News     None	Report Production Date:	03-Jan-2019		
Processor Used:   CryoSat Ice Processor     Data Used:   L1B and L2 OFFLINE Data     Product Format Check   Nomina     Product Header Analysis   See Section 4.2     Star Tracker Usage Check   Nomina     L1B Calibration Usage Check   Nomina     L1B & L2 Auxiliary Data File Usage Check   Nomina     L1B & L2 Auxiliary Correction Error Check   Nomina     L1B & L2 Masurement Confidence Data Check   See Section 4.7     Vission / Instrument News   22-Nov-2018     None   None				Nominal
Data Used:   L1B and L2 OFFLINE Data   Product Header Analysis   See Section 4.2     Star Tracker Usage Check   Nomina     L1B Calibration Usage Check   Nomina     L1B & L2 Auxiliary Data File Usage Check   Nomina     L1B & L2 Auxiliary Correction Error Check   Nomina     L1B & L2 Auxiliary Correction Error Check   Nomina     L1B & L2 Measurement Confidence Data Check   See Section 4.7     22-Nov-2018   None	Processor Used:	CryoSat Ice Processor		Nominal
Product Header Analysis See Section 4.2   Star Tracker Usage Check Nomina   L1B Calibration Usage Check Nomina   L1B Calibration Usage Check Nomina   L1B & L2 Auxiliary Data File Usage Check Nomina   L1B & L2 Auxiliary Correction Error Check Nomina   L1B & L2 Auxiliary Correction Error Check See Section 4.7   Iission / Instrument News 22-Nov-2018   None None	Data Ula ada		Product Format Check	Nominal
L1B Calibration Usage Check Nomina   L1B & L2 Auxiliary Data File Usage Check Nomina   L1B & L2 Auxiliary Correction Error Check Nomina   L1B & L2 Auxiliary Correction Error Check Nomina   L1B & L2 Measurement Confidence Data Check See Section 4.7   Ilission / Instrument News   22-Nov-2018 None   23-Nov-2018 None	Data Used:	L1B and L2 OFFLINE Data	Product Header Analysis	See Section 4.2 and 5.2
L1B & L2 Auxiliary Data File Usage Check Nomina L1B & L2 Auxiliary Correction Error Check Nomina L1B & L2 Measurement Confidence Data Check See Section 4.7 Lission / Instrument News 22-Nov-2018 None 23-Nov-2018 None			Star Tracker Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check Nomina L1B & L2 Measurement Confidence Data Check See Section 4.7 lission / Instrument News 22-Nov-2018 None 23-Nov-2018 None			L1B Calibration Usage Check	Nominal
L1B & L2 Measurement Confidence Data Check See Section 4.7   Iission / Instrument News 22-Nov-2018 None   23-Nov-2018 None			L1B & L2 Auxiliary Data File Usage Check	Nominal
Lission / Instrument News			L1B & L2 Auxiliary Correction Error Check	Nominal
23-Nov-2018 None			L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5
22-Nov-2018 None 23-Nov-2018 None			· · · ·	
23-Nov-2018 None	ssion / Instrument News			
	2-Nov-2018 None			
24-Nov-2018 Nothing planned	3-Nov-2018 None			
	4-Nov-2018 Nothing planned			
			2. Global Coverage	





Mode	Coverage	(%)

LRM	64.7
SAR	21.4
SARIn	13.9



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/o	or er
Number of products with errors: 1	

Product	Test Failed
CS_OFFL_SIR_SAR_1B_20181123T111850_20181123T111854_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

ors raised by the ground-segment processing chain.

#### 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: 1

Test Failed
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: 0

## 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

## 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors:

Description     Description     Description     Description       S2, CPFL_DRL20181123703162_00111237010122_0001     Rades Model UsesNahla     No EDE or Rade Model Uses Last Or the source or runs excession       S2, CPFL_DRL20181123703162_0011121010122_0001     Hald ETC (Redsell 2) Balance DE Construction of the or runs excession       S2, CPFL_DRLDRL20181123703162_0011121010122_0001     Hald ETC (Redsell 2) Balance DE Construction of the or runs excession       S2, CPFL_DRLDRL20181123703210_001121010122_0001     Hald ETC (Redsell 2) Balance DE Construction of the or runs excession       S2, CPFL_DRLDRLDRL20181123703210_001121010122_0001     Hald ETC (Redsell 2) Hald ETC (Redsell	Product	Test Failed	Description
Sci OFL SIR. URM 2, 201911221101404, 201911221101405, CODI     Neght End (Restacher 2), Backsatter 2), Backsatter 2), Backsatter 2017, Direct a backsatter arm for Restacher 2 for one on more concerns.       Sci OFL SIR. URM 2, 20191122110120, 201911221101220, 20191122110241, 2019     Parget Fam; (Restacher 2), Restachanter Restacher 2, Restacher	CS_OFFL_SIR_LRM_220181123T002516_20181123T004846_C001	(Retracker 3), Backscatter Error	
Contract Contract     Exercision     Exercision       CONTLACT CONTLACT CONTRACT CONTR	CS_OFFL_SIR_LRM_220181123T005736_20181123T010102_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Control     Text     Text    <	CS_OFFL_SIR_LRM_220181123T010446_20181123T011835_C001		÷
SJ, OFFL, BR, LRM, 2, 20191123T00338, 20191123T00348, 201918123T00348, 20191123T00348, 20191123T00348, 20191123	CS_OFFL_SIR_LRM_220181123T012102_20181123T013225_C001		
Book Proc. 2008 (Control 2008) (Contro 2008) (Contro 2008) (Control 2008) (Control 2008) (Control 2008)	CS_OFFL_SIR_LRM_220181123T020338_20181123T022801_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
Applie Lend Lend     End (Retractor 2)     second       53, OFF_LIR_LENA01011231032017_0011231032017_0011     Peight Envir (Retractor 2). Backscatter     These is height and backscatter envir for Retractor 2 for one or more encode.       53, OFF_LIR_LENA01011231032017_001123103017_0011     Peight Envir (Retractor 2). Backscatter     These is a height and backscatter envir for Retractor 2 for one or more encode.       53, OFF_LIR_LENA01011231034017_0011     Peight Envir (Retractor 2). Backscatter     These is a height and backscatter envir for Retractor 2 for one or more encode.       53, OFF_LIR_LENA01011231034017_0011     Peight Envir (Retractor 2). Backscatter     These is a height and backscatter envir for Retractor 2 for one or more encode.       53, OFF_LIR_LENA01011231034017_001001     Surface Model Unvaliable     No DEM or Slope Model was used for the location of one or more encode.       53, OFF_LIR_LENA0101123103401_010011231034017_001001     Surface Model Unvaliable     No DEM or Slope Model was used for the location of one or more encode.       53, OFF_LIR_LENA0101123103401_01011231034017_010001     Retractor 2). Peight Envir (Retractor 2). Peight Envir (	CS_OFFL_SIR_LRM_220181123T024515_20181123T025441_C001		÷
Part Call Call Call Call Call Call Call Cal	CS_OFFL_SIR_LRM_220181123T030015_20181123T031808_C001		
Sp. OFTL_SIR_LENU_2_01181123103422_01181123104168_0001   Emit (Retracker 2)   records     Sp. OFTL_SIR_LENU_2_011811231041128_001811231041688_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     Sp. OFTL_SIR_LENU_2_00181123104212_00181123104576_0001   Height Emor (Retracker 2). Backscatter Emor for Retracker 2 for one or more records     Sp. OFTL_SIR_LENU_2_00181123105264_00181123105556_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     Sp. OFTL_SIR_LENU_2_00181123105264_00181123105556_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     Sp. OFTL_SIR_LENU_2_00181123105264_0181123105556_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     Sp. OFTL_SIR_LENU_2_00181123105264_0181123105556_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     Sp. OFTL_SIR_LENU_2_01811231075306_0011123107548_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     Sp. OFTL_SIR_LENU_2_0181123107548_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     Sp. OFTL_SIR_LENU_2_0181123107548_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records  <	CS_OFFL_SIR_LRM_220181123T033017_20181123T033248_C001		
Big     OFFL_SIR_LRM_2_20181123T04242_20181123T045750_0001     Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter     There is a height and backscatter error for Retracker 2 for one or more eccrds.       SS_OFFL_SIR_LRM_2_20181123T06504_20181123T05554_0001     Surface Model Unavailable     No DEM or Slope Model was used for the location of one or more eccrds.       SS_OFFL_SIR_LRM_2_20181123T065048_20181123T06573_C001     Burface Model Unavailable     No DEM or Slope Model was used for the location of one or more records.       SS_OFFL_SIR_LRM_2_20181123T065048_20181123T063737_C001     Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Bac	CS_OFFL_SIR_LRM_220181123T034242_20181123T034417_C001		
S., DFL_SR_URA_2_20181123106242_20181123106592_0001   Emicr (Retracker 2)   records     S3_OFFL_SIR_LRM_2_201811231052912_201811231054517_0001   Heigh Error (Retracker 2)   absolution     S3_OFFL_SIR_LRM_2_201811231052048_201811231055554_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     S3_OFFL_SIR_LRM_2_201811231050245_201811231053737_0001   (Retracker 2)   Heigh Error (Retracker 2)   Heigh Error (Retracker 2)     Pienters N3_Backscatter Error   Retracker 2)   Heigh Error (Retracker 2)   Heigh Error (Retracker 2)     S3_OFFL_SIR_LRM_2_20181123107305_201811231073305_20011   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     S3_OFFL_SIR_LRM_2_20181123107305_201811231075485_0001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     S3_OFFL_SIR_LRM_2_201811231075640_201811231075918_0001   Height Error (Retracker 2). Backscatter error for Retracker 2 for one or more records     S3_OFFL_SIR_LRM_2_20181123108305_201811231084200   Retracker 3). Reskewalter Error (Retracker 3). Backscatter Error For Retracker 2 and a height error for Retracker 3 for one or more records     S3_OFFL_SIR_LRM_2_20181123108305_201811231084200   Retracker 3). Reskewalter Error For Retracker 2 and a height error for Retracker 3 and a height error for Retracker 3. Backscatter Error For Retracker 3 for one or more records	CS_OFFL_SIR_LRM_220181123T041128_20181123T041658_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
S., DFL_SR_LENU_2_0161123105048_20161123105554_0001   Emricr (Retracker 2)   records     S3_OFFL_SIR_LENU_2_01611231055048_201611231055554_0001   Surface Model Unavailable   No DEM or Stope Model was used for the location of one or more records     S3_OFFL_SIR_LENU_2_0161123105048_20161123105554_0001   Retracker 2)   Height Emricr (Retracker 2)   Height Emricr 2)   Heigh	CS_OFFL_SIR_LRM_220181123T042412_20181123T045750_C001		
Neght Error (Retracker 2)     Height Error (Retracker 2)     No DEM or Slope Model was used for the location of one or more records       S2_OFFL_SIR_LRM_2_20181123T073458_C001     Height Error (Retracker 2)     Backscatter Error (Retracker 2)     No DEM or Slope Model was used for the location of one or more records       S2_OFFL_SIR_LRM_2_20181123T07564_20181123T075618_C001     Height Error (Retracker 2). Backscatter Error (Retracker 2). Backscatter Error (Retracker 2). Backscatter Error (Retracker 2). Height Error (Retracker 2). Hei	CS_OFFL_SIR_LRM_220181123T052912_20181123T054517_C001		÷
S3_OFFL_SIR_LRM_2_20161123T060245_20181123T06373_C001   (Retracker 2)   Retracker 2)     S3_OFFL_SIR_LRM_2_20161123T070046_20181123T07329_C001   (Retracker 2)   There is a height and backscatter error for Retracker 2 and a height error (Retracker 2)     S3_OFFL_SIR_LRM_2_20181123T073055_20181123T073456_C001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     S3_OFFL_SIR_LRM_2_20181123T074230_20181123T075646_2011123T075918_C001   Height Error (Retracker 2)   Backscatter Error (Retracker 2)     S3_OFFL_SIR_LRM_2_20181123T075648_20181123T075918_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2)   There is a height and backscatter error for Retracker 2 for one or more records     S3_OFFL_SIR_LRM_2_20181123T075648_20181123T075918_C001   Height Error (Retracker 2), Height Error (Retracker 2), Sackscatter Error (Retracker 2	CS_OFFL_SIR_LRM_220181123T055048_20181123T055554_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
SS_OFFL_SIR_LRM_2_20181123T070046_20181123T073456_C001   Retracker 3), Backscatter Error (Retracker 2)   Intere is a height and backscatter error for Retracker 2 and a height error for Retracker 2).     SS_OFFL_SIR_LRM_2_20181123T073405_20181123T073458_C001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     SS_OFFL_SIR_LRM_2_20181123T074230_20181123T075918_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2)   There is a height and backscatter error for Retracker 2 for one or more records     SS_OFFL_SIR_LRM_2_20181123T075946_20181123T075918_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2)   There is a height and backscatter error for Retracker 2 for one or more records     SS_OFFL_SIR_LRM_2_20181123T080359_20181123T084508_C001   Height Error (Retracker 2), Height Error (Retracker 2)   There is a height and backscatter error for Retracker 2 and a height error for Retracker 2)     SS_OFFL_SIR_LRM_2_20181123T083057_20181123T08420_C001   Height Error (Retracker 2), Height Error (Retracker 2)   There is a height and backscatter error for Retracker 2 and a height error for Retracker 3). Backscatter Error (Retracker 2)     SS_OFFL_SIR_LRM_2_20181123T083014_20181123T08420_C001   Height Error (Retracker 2), Height Error (Retracker 2). Height Error (Retracker 2). Backscatter Error (Retracker 2). Height Error (Retracker 2). Height Error (Retracker 2). Height Error (Retr	CS_OFFL_SIR_LRM_220181123T060245_20181123T063737_C001	(Retracker 3), Backscatter Error	
SS_OFFL_SIR_LRM_2_20181123T074230_20181123T075639_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     SS_OFFL_SIR_LRM_2_20181123T075646_20181123T075918_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     SS_OFFL_SIR_LRM_2_20181123T080359_20181123T081508_C001   (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Ba	CS_OFFL_SIR_LRM_220181123T070046_20181123T072329_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
S_OFH_SIR_LRM_2_201811231074230_20181123107664_201811231076918_C001   Enor (Retracker 2)   records     DS_OFFL_SIR_LRM_2_201811231075646_201811231075918_C001   Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error for Retracker 2 and a height error (Retracker 2), Height Error (Retracker 3), Backscatter Error for Retracker 3 for one or more records     S2_OFFL_SIR_LRM_2_20181123T092114_20181123T093624_C001   (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error for Retracker 2) and a height error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	CS_OFFL_SIR_LRM_220181123T073305_20181123T073458_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
SS_OFFL_SIR_LRM_2_20181123104886_20181123104896_20181123104896_20181123104808_2018112310810896_20181123108108   Error (Retracker 2)   records     SS_OFFL_SIR_LRM_2_201811231083059_201811231084820_C001   Height Error (Retracker 2), Sackscatter Error (Retracker 2), Height Error (Retracker 2), Sackscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records     SS_OFFL_SIR_LRM_2_20181123T093825_20181123T094747_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error for Retracker 3 for one or more records     SS_OFFL_SIR_LRM_2_20181123T101054_20181123T102713_C001   Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records     SS_OFFL_SIR_LRM_2_20181123T10501_20181123T105813_C001   Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records     SS_OFFL_SIR_LRM_2_20181123T1101	CS_OFFL_SIR_LRM_220181123T074230_20181123T075639_C001		
S2_OFFL_SIR_LRM_2_20181123T080359_20181123T081508_0001   (Retracker 3), Backscatter Error (Retracker 2)   Interests a height and backscatter error for Retracker 2 and a height error (Retracker 2)     S2_OFFL_SIR_LRM_2_20181123T083057_20181123T084820_0001   (Retracker 2), Height Error (Retracker 2)   There is a height and backscatter error for Retracker 2 and a height error (Retracker 2)     S2_OFFL_SIR_LRM_2_20181123T085014_20181123T090434_0001   Height Error (Retracker 6, 2), Height 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     S2_OFFL_SIR_LRM_2_20181123T095014_20181123T090434_0001   Height Error (Retracker 2), Height 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     S2_OFFL_SIR_LRM_2_20181123T092114_20181123T090434_0001   Height Error (Retracker 2), Height 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     S2_OFFL_SIR_LRM_2_20181123T092114_20181123T094747_0001   Height Error (Retracker 2), Height 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     S2_OFFL_SIR_LRM_2_20181123T10054_20181123T102713_0001   Height Error (Retracker 2), Backscatter Error (Retracker 2)   There is a height and backscatter error for Retracker 2 for one or more records     S2_OFFL_SIR_LRM_2_20181123T105001_20181123T105813_C001   Surface Model Unavaila	CS_OFFL_SIR_LRM_220181123T075646_20181123T075918_C001		
CS_OFFL_SIR_LRM_2_20181123T083057_20181123T084820_C001   (Retracker 2)   Integrating backscatter error (Retracker 2)     CS_OFFL_SIR_LRM_2_20181123T085014_20181123T090434_C001   (Retracker 2)   Height Error (Retracker 2), Height Error (Retracker 2), Err	CS_OFFL_SIR_LRM_220181123T080359_20181123T081508_C001	(Retracker 3), Backscatter Error (Retracker 2)	
CS_OFFL_SIR_LRM_2_20181123T085014_20181123T090434_C001   (Retracker 2)   Height Error (Retracker 2)     CS_OFFL_SIR_LRM_2_20181123T092114_20181123T093624_C001   (Retracker 2)   Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error for Retracker 3), Backscatter Error (Retracker 2), Error (Retrack	CS_OFFL_SIR_LRM_220181123T083057_20181123T084820_C001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20181123T092114_20181123T093624_C001   (Retracker 3), Backscatter Error (Retracker 2)   Inere is a height and backscatter error for Retracker 2 and a height error for Retracker 3), Backscatter Error (Retracker 2)     CS_OFFL_SIR_LRM_2_20181123T093825_20181123T094747_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T11058_20181123T111618_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T11204_20181123T112504_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter   There is a height and backscatter error for Retrac	CS_OFFL_SIR_LRM_220181123T085014_20181123T090434_C001	(Retracker 3), Backscatter Error	
LSS_OFFL_SIR_LRM_2_20181123T101054_20181123T102713_C001   Error (Retracker 2)   records     CS_OFFL_SIR_LRM_2_20181123T101054_20181123T102713_C001   Height Error (Retracker 2), 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 2 and a height error (Retracker 2)     CS_OFFL_SIR_LRM_2_20181123T103245_20181123T104125_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T105001_20181123T105813_C001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     CS_OFFL_SIR_LRM_2_20181123T10108_20181123T11618_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T112109_20181123T112504_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T112109_20181123T112504_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T112109_20181123T112504_C001   Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T112504_C001   Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220181123T092114_20181123T093624_C001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20181123T101054_20181123T102713_C001   (Retracker 3), Backscatter Error (Retracker 2)   Interest a height and backscatter error for Retracker 2 and a height error for Retracker 3, Backscatter Error     CS_OFFL_SIR_LRM_2_20181123T103245_20181123T104125_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T105001_20181123T105813_C001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     CS_OFFL_SIR_LRM_2_20181123T110108_20181123T111618_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T112109_20181123T112504_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T112109_20181123T112504_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T112109_20181123T112504_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220181123T093825_20181123T094747_C001	Height Error (Retracker 2), Backscatter	÷
CS_OFFL_SIR_LRM_2_20181123T103245_20181123T104125_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T105001_20181123T105813_C001   Surface Model Unavailable   No DEM or Slope Model was used for the location of one or more records     CS_OFFL_SIR_LRM_2_20181123T110108_20181123T11618_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T11219_20181123T112504_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T11219_20181123T112504_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T11219_20181123T112504_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T112504_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220181123T101054_20181123T102713_C001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20181123T110108_20181123T111618_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T112129_20181123T112504_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T11204_20181123T112504_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220181123T103245_20181123T104125_C001	Height Error (Retracker 2), Backscatter	÷
CS_OFFL_SIR_LRM_2_20181123T112129_20181123T112504_C001   Error (Retracker 2)   records     CS_OFFL_SIR_LRM_2_20181123T112129_20181123T112504_C001   Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more records     CS_OFFL_SIR_LRM_2_20181123T115046_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220181123T105001_20181123T105813_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_201811231112129_201811231112504_C001   Error (Retracker 2)   records     CS_OFFL_SIR_LRM_2_201811231115046_C001   Height Error (Retracker 2), Backscatter   There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220181123T110108_20181123T111618_C001		
	CS_OFFL_SIR_LRM_220181123T112129_20181123T112504_C001		
	CS_OFFL_SIR_LRM_220181123T115041_20181123T115046_C001		÷

CS_OFFL_SIR_LRM_220181123T115128_20181123T115838_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_220181123T115911_20181123T122457_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_220181123T123129_20181123T123648_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220181123T124109_20181123T130439_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_220181123T133745_20181123T134754_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_220181123T135333_20181123T140310_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_220181123T142012_20181123T144657_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_220181123T145430_20181123T145659_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_220181123T151011_20181123T154210_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_220181123T164903_20181123T165816_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_220181123T170050_20181123T172212_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_220181123T173950_20181123T175557_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_220181123T182535_20181123T190100_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_220181123T190925_20181123T191313_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220181123T192007_20181123T195144_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_220181123T200603_20181123T201843_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_220181123T202324_20181123T204046_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_220181123T205823_20181123T211142_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_220181123T211356_20181123T213029_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_220181123T215320_20181123T220344_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_220181123T220524_20181123T221915_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_220181123T224203_20181123T224812_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_220181123T225310_20181123T225734_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_220181123T230017_20181123T230605_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_220181123T230727_20181123T230907_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_220181123T233720_20181123T235757_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_220181123T001020_20181123T001055_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_220181123T005106_20181123T005337_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T005713_20181123T005720_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T010102_20181123T010245_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T015039_20181123T015059_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_220181123T023002_20181123T023130_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T023627_20181123T023634_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T024003_20181123T024142_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T041009_20181123T041128_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

CS OFFI SID SIN 2 201011227044559 201011227042014 C001	SADIn V track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220181123T041658_20181123T042014_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_220181123T050809_20181123T050858_C001	Model Unavailable	Model was used for one or more records
CS_OFFL_SIR_SIN_220181123T054933_20181123T055047_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T055554_20181123T055910_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T073028_20181123T073305_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T073458_20181123T074041_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T082543_20181123T082719_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T082934_20181123T083053_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T091409_20181123T091504_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181123T091911_20181123T092047_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T100453_20181123T100600_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T100653_20181123T100752_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181123T104758_20181123T105001_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T105813_20181123T110000_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T114406_20181123T114955_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_20181123T122731_20181123T122848_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T123052_20181123T123129_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181123T131728_20181123T131756_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_220181123T140649_20181123T140810_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T140906_20181123T141056_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T141700_20181123T141823_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T154638_20181123T155004_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T155532_20181123T155649_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181123T172543_20181123T172904_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181123T173421_20181123T173544_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T181532_20181123T181754_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T190247_20181123T190432_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T191313_20181123T191428_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T195149_20181123T195256_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T195551_20181123T195656_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T204110_20181123T204247_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T204836_20181123T204838_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T205017_20181123T205217_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T213354_20181123T213610_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_20181123T222025_20181123T222213_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_220181123T222733_20181123T222739_C001	SARIn X-frack Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T222749_20181123T222752_C001	ISARIn X-frack Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T222853_20181123T223548_C001	SARIn X-track Andle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181123T230932_20181123T231445_C001		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	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_LRM_1B	170	170	170	0	0
SIR_LRM_2	167	167	167	0	0
SIR_LRMI2_	167	167	167	0	0
SIR_SAR_1B	99	99	99	0	0
SIR_SAR_2	99	99	99	0	0
SIR_SARI2_	99	99	99	0	0
SIR_SIN_1B	101	101	101	0	0
SIR_SIN_2	101	101	101	0	0
SIR_SINI2	101	101	101	0	0
SIR_GDR_2	14	14	14	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:	164		