



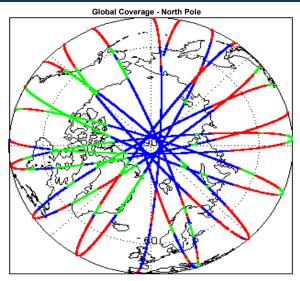
1. Overview

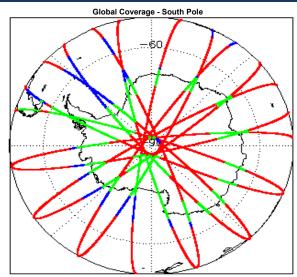
Report Production Date:	13-Apr-2018		
Processor Used:	CryoSat Ice Processor		
Data Used:	L1B and L2 OFFLINE Data		

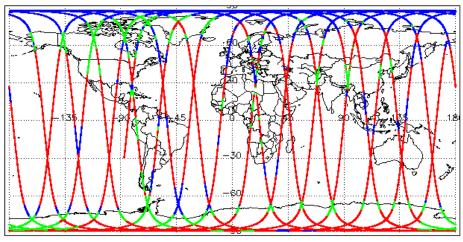
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File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

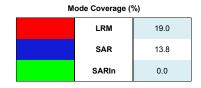
Mission / Instrument News		
15-Mar-2018	None	
16-Mar-2018	SIRAL unavailability on 16-Mar-2018 from 05:15:01 to 07:01:45 due to a planned orbit manoeuvre.	
17-Mar-2018	Nothing planned	

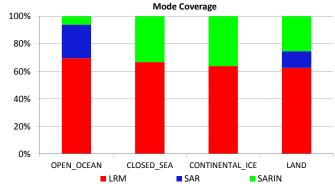
2. Global Coverage

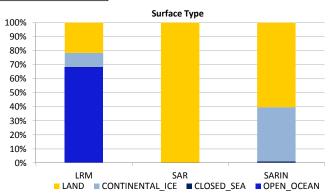












3. Instrument Configuration

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

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

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

4.3 Star Tracker Usage Check

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

Number of products with errors:

4.4 L1B Calibration Usage Check

Each product is checked in order to ensure that the necessary calibration files have been used in processing

Number of products with errors: 0

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:

n 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.

lumber 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:

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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220180316T003401_20180316T010108_C001	, ,	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220180316T010620_20180316T011132_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180316T011413_20180316T013935_C001	, ,	There is a height and backscatter error for Retracker 2 for one or more records

Percent 10 CR. PER BIN 12 2 3990191700015 (SERSIOPTOSIDE) COM CR. PER BIN 12 2 39901917000015 (SERSIOPTOSIDE) COM CR. PER BIN 12 2 39901917000000 (SERSIOPTOSIDE) COM CR. PER BIN 12 2 39901917000000 (SERSIOPTOSIDE) COM CR. PER BIN 12 2 39901917000000 (SERSIOPTOSIDE) COM CR. PER BIN 12 2 3990191700000 (SERSIOPTOSIDE) COM CR. PER BIN 12 2 399019170000 (SERSIOPTOSIDE) COM CR. PER BIN 12 2 39901917000 (SERSIOPTOSIDE) COM CR. PER BIN 12 2 39901917	CS_OFFL_SIR_LRM_220180316T021135_20180316T022246_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
Land Control (1997) C	00_011 E_011_E11111_EE010001010E1100_E010001010EEE0_0001	(Retracker 2)	for Retracker 3 for one or more records There is a beight and backscatter error for Retracker 2 for one or more
COUNT FOR IDEA 2 20100167103015 201001710315 COID OFFE BR LEW 2 20100167103015 201001710315 COID OFFE BR LEW 2 20100167103015 201001710314 COID OFFE BR LEW 2 20100167103015 201001710314 COID OFFE BR LEW 2 2010016710301 201001710301 COID OFFE BR LEW 2 2010016710301 COID OFFE BR LEW 2 201001	CS_OFFL_SIR_LRM_220180316T022824_20180316T023947_C001	Error (Retracker 2)	records
Service Services (1994) and wild 2 and observations and the control of the contro	CS_OFFL_SIR_LRM_220180316T025317_20180316T031351_C001	Error (Retracker 2)	records
Computing Comp	CS_OFFL_SIR_LRM_220180316T031354_20180316T031450_C001	Error (Retracker 2)	· ·
Early REGIONAL 2018001070014 (201800107014 (201800107014 (201800107014 (2018014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (20180107014 (2018014 (20180107014 (2018014 (2018010701	CS_OFFL_SIR_LRM_220180316T032951_20180316T033135_C001	(Retracker 3), Backscatter Error (Retracker 2)	
Early (Frenches 2) Fig. (FF., July, 1992, 2) (Junioral Frenches 2	CS_OFFL_SIR_LRM_2_20180316T034457_20180316T041929_C001		•
Exp. CPFL_CRU LOND _ 20100010170014 (20100010100010000000000000000000000000	CS_OFFL_SIR_LRM_220180316T050842_20180316T051144_C001		-
Co-PL, Sill, Lew 2 _ presentational processor (200 one or more interested 2) _ presentation (200 one or more inter	CS_OFFL_SIR_LRM_220180316T070314_20180316T073640_C001		ů
CS_OFF_SRLIAN_2_Distributionations of Personal 2 for one or more reported and 2 personal processes a registrate between error for Personal 2 for one or more reported and 2 personal processes and 2	CS_OFFL_SIR_LRM_220180316T075007_20180316T075211_C001		
So, OFF, SIRL JAN 2, 2018/3181104600, 201803181104600, 20	CS_OFFL_SIR_LRM_220180316T075457_20180316T082620_C001	Height Error (Retracker 2), Backscatter	•
GS_CPF_SRI_MO20160316710350_010316710355_001 CS_CPF_SRI_MO_20160316710350_010316710355_001 CS_CPF_SRI_MO_20160316710350_010316710335_001 CS_CPF_SRI_MO_20160316710355_010316710335_001 CS_CPF_SRI_MO_20160316710355_010316710335_001 CS_CPF_SRI_MO_20160316710355_010316710335_001 CS_CPF_SRI_MO_2016031671035_010316710335_001 CS_CPF_SRI_MO_2016031671035_010316710335_001 CS_CPF_SRI_MO_2016031671035_010316710335_001 CS_CPF_SRI_MO_2016031671035_010316710335_001 CS_CPF_SRI_MO_20160316710375_010316710335_001 CS_CPF_SRI_MO_20160316710375_010316710335_001 CS_CPF_SRI_MO_20160316710375_010316710335_001 CS_CPF_SRI_MO_20160316710375_010316710335_001 CS_CPF_SRI_MO_20160316710375_010316710335_001 CS_CPF_SRI_MO_20160316710315_010316710335_001 CS_CPF_SRI_MO_20160316710315_010316710335_001 CS_CPF_SRI_MO_20160316710315_010316710335_001 CS_CPF_SRI_MO_20160316710315_010316710335_001 CS_CPF_SRI_MO_20160316710315_010316710335_001 CS_CPF_SRI_MO_20160316710315_010316710335_001 CS_CPF_SRI_MO_20160316710315_010316710335_001 CS_CPF_SRI_MO_20160316710315_010316710335_001 CS_CPF_SRI_MO_2016031671035_010316710335_001 CS_CPF_SRI_MO_2016031671035_010316710335_001 CS_CPF_SRI_MO_2016031671035_010316710335_001 CS_CPF_SRI_MO_2016031671035_01031671035_001 CS_CPF_SRI_MO_201603	CS_OFFL_SIR_LRM_220180316T084626_20180316T085335_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
SS_OPPL_SRL_IMA_2_potablistrations_collect	CS_OFFL_SIR_LRM_2_20180316T085816_20180316T091601_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
ESC. OFF., SIR. LIMI. 2. 20180018111082 (2018018111083) (20180181121184) (2018018112184) (2018	CS_OFFL_SIR_LRM_2_20180316T093304_20180316T094635_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_CFFL_SRL_EM_2_20180018110018_20180018110038_C001 CS_CFFL_SRL_EM_2_20180018110018_2018001810039_C001 CS_CFFL_SRL_EM_2_201800181110018_201800181013020_C001 CS_CFFL_SRL_EM_2_201800181110018_201800181013020_C001 CS_CFFL_SRL_EM_2_201800181110018_201800181013020_C001 CS_CFFL_SRL_EM_2_201800181110018_201800181013020_C001 CS_CFFL_SRL_EM_2_201800181110018_201800181013020_C001 CS_CFFL_SRL_EM_2_201800181110018_201800181013020_C001 CS_CFFL_SRL_EM_2_201800181100181013020_C001 CS_CFFL_SRL_EM_2_201800181110018_201800181013020_C001 CS_CFFL_SRL_EM_2_201800181140018_201800181013020_C001 CS_CFFL_SRL_EM_2_201800181140018_20180018114001 CS_CFFL_SRL_EM_2_201800181140018_20180018114001 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C001 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C001 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C001 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C001 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C0010 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C001 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C0010 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C0010 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C0010 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C0010 CS_CFFL_SRL_EM_2_201800181140018_201800181140017_C0010 CS_CFFL_SRL_EM_2_201800181140018_201800181140018_C0010 CS_CFFL_SRL_EM_2_201800181140018_201800181140018_C0010 CS_CFFL_SRL_EM_2_2018001811600018_C0010 CS_CFFL_SRL_EM_2_201	CS OFFL SIR LRM 2 20180316T094849 20180316T100028 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
The personal process of the control		Height Error (Retracker 2), Height Error	
Co. OFFL_SRL_INAL_2_20180316111631_2018031611328_0001	CS_OFFL_SIR_LRM_220180316T102815_20180316T103836_C001	(Retracker 2)	for Retracker 3 for one or more records
GS_GFF_SR_IRM_2_201803161110329_2019316110329_0019 GS_GFF_SR_IRM_2_201803161110329_001916110329_0019 GS_GFF_SR_IRM_2_201803161110329_0019316110329_0019 GS_GFF_SR_IRM_2_201803161103140_0019 GS_GFF_SR_IRM_2_201803161103140_0019 GS_GFF_SR_IRM_2_201803161103140_0019 GS_GFF_SR_IRM_2_201803161103140_0019 GS_GFF_SR_IRM_2_201803161103140_0019 GS_GFF_SR_IRM_2_201803161103140_0019 GS_GFF_SR_IRM_2_20180316110401_20180316110303_0019 GS_GFF_SR_IRM_2_20180316110401_20180316110303_0019 GS_GFF_SR_IRM_2_20180316110401_20180316110303_0019 GS_GFF_SR_IRM_2_20180316110401_20180316110303_0019 GS_GFF_SR_IRM_2_20180316110303_01803161_00019_0019 GS_GFF_SR_IRM_2_20180316110303_01803161_00019_0019 GS_GFF_SR_IRM_2_20180316110303_01803161_00019_0019 GS_GFF_SR_IRM_2_20180316110303_01803161_00019_0019 GS_GFF_SR_IRM_2_20180316110303_01803161_00019_0019 GS_GFF_SR_IRM_2_20180316110303_00193161_00019_0019 GS_GFF_SR_IRM_2_20180316110303_00193161_00019_0019 GS_GFF_SR_IRM_2_20180316110303_00193161_00019_0019_0019_0019_0019_0019_0019_	CS_OFFL_SIR_LRM_220180316T104015_20180316T105510_C001	Error (Retracker 2)	· ·
SO, OFFL_SRI_LRM_2_201803161131278,20180316113280, 0001 CS_OFFL_SRI_LRM_2_2018031611312,0180316113280, 0001 CS_OFFL_SRI_LRM_2_2018031611312,0180316113280, 0001 CS_OFFL_SRI_LRM_2_20180316113412,0180316113280, 0001 CS_OFFL_SRI_LRM_2_20180316113412,0180316113280, 0001 CS_OFFL_SRI_LRM_2_20180316113412,0180316113280, 0001 CS_OFFL_SRI_LRM_2_2018031611341362,0001 CS_OFFL_SRI_LRM_2_2018031611341362,0001 CS_OFFL_SRI_LRM_2_201803161134362,0001 CS_OFFL_SRI_LRM_2_201803161134382,0001 CS_OFFL_SRI_LRM_2_201803161133782,0001 CS_OFFL_SRI_LRM_2_201803161133782,0001 CS_OFFL_SRI_LRM_2_201803161133782,0001 CS_OFFL_SRI_LRM_2_201803161133782,0001 CS_OFFL_SRI_LRM_2_201803161133782,0001 CS_OFFL_SRI_LRM_2_201803161133782,0001 CS_OFFL_SRI_LRM_2_201803161133782,0001 CS_OFFL_SRI_LRM_2_201803161133782,0001 CS_OFFL_SRI_LRM_2_20180316113082,0001 CS_OFFL_SRI_LRM_2_20180316113082,0001 CS_OFFL_SRI_LRM_2_20180316113082,0001 CS_OFFL_SRI_LRM_2_20180316113082,0001 CS_OFFL_SRI_LRM_2_20180316118084,0001 CS_OFFL_SRI_LRM_2_20180316112084,0001 CS_OFFL_SRI_LRM_2_20180316112084,0001 CS_OFFL_SRI_LRM_2_201803161120	CS_OFFL_SIR_LRM_2_20180316T111601_20180316T112318_C001	(Retracker 3), Backscatter Error	
SOUTH_SIR_LEM_2_20180316T1116_20180316T13402_0001 SOUTH_SIR_LEM_2_20180316T13410_20180316T13402_0010 SOUTH_SIR_LEM_2_20180316T13410_20180316T13402_0010 SOUTH_SIR_LEM_2_20180316T13402_20180316T13402_0010 SOUTH_SIR_LEM_2_20180316T13402_20180316T13400_0010 SOUTH_SIR_LEM_2_20180316T13402_20180316T13400_0010 SOUTH_SIR_LEM_2_20180316T13400_0010 SOUTH_SIR_LEM_2_20180316T134000_0010 SOUTH_SIR_LEM_2_20180	CS_OFFL_SIR_LRM_2_20180316T112738_20180316T113228_C001	Height Error (Retracker 2), Backscatter	•
Section Company Comp	CS OFFL SIR LRM 2 20180316T113511 20180316T114059 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_20180316T134812_20180316T13485_COUT CS_OFFL_SIR_LRM_2_20180316T134812_20180316T13486_COUT CS_OFFL_SIR_LRM_2_20180316T134812_20180316T13486_COUT CS_OFFL_SIR_LRM_2_20180316T134821_20180316T13485_COUT CS_OFFL_SIR_LRM_2_20180316T134821_20180316T13485_COUT CS_OFFL_SIR_LRM_2_20180316T134837_COUT CS_OFFL_SIR_LRM_2_20180316T134837_COUT CS_OFFL_SIR_LRM_2_20180316T134837_COUT CS_OFFL_SIR_LRM_2_20180316T134837_COUT CS_OFFL_SIR_LRM_2_20180316T134837_COUT CS_OFFL_SIR_LRM_2_20180316T134837_COUT CS_OFFL_SIR_LRM_2_20180316T134835_COUT CS_OFFL_SIR_LRM_2_20180316T134835_COUT CS_OFFL_SIR_LRM_2_20180316T134836_COUT CS_OFFL_SIR_LRM_2_20180316T134836_COUT CS_OFFL_SIR_LRM_2_20180316T134836_COUT CS_OFFL_SIR_LRM_2_20180316T134836_COUT CS_OFFL_SIR_LRM_2_20180316T134836_COUT CS_OFFL_SIR_LRM_2_20180316T134836_COUT CS_OFFL_SIR_LRM_2_20180316T134836_COUT CS_OFFL_SIR_LRM_2_20180316T134836_COUT CS_OFFL_SIR_LRM_2_20180316T1813386_COUT CS_OFFL_SIR_LRM_2_20180316T1813386_COUT CS_OFFL_SIR_LRM_2_20180316T183386_COUT CS_OFFL_SIR_LRM_2_20180316T1203807_COUT CS_OFFL_		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
SUPERT SIR_LRM_2_20180316T143462_20180316T14346_0001 CS_OFFL_SIR_LRM_2_20180316T14241_20180316T14346_0001 CS_OFFL_SIR_LRM_2_20180316T142631_20180316T14387_C001 CS_OFFL_SIR_LRM_2_20180316T142631_20180316T15007_C001 CS_OFFL_SIR_LRM_2_20180316T15055_20180316T15007_C001 CS_OFFL_SIR_LRM_2_20180316T15055_20180316T15057_C001 CS_OFFL_SIR_LRM_2_20180316T15055_20180316T15057_C001 CS_OFFL_SIR_LRM_2_20180316T15056_20180316T15056_C001 CS_OFFL_SIR_LRM_2_20180316T15057_20_20180316T15057_C001 CS_OFFL_SIR_LRM_2_20180316T15057_20_20180316T16058_C001 CS_OFFL_SIR_LRM_2_20180316T18058_20_20180316T18058_C001 CS_OFFL_SIR_LRM_2_20180316T18058_20180316T18058_C001 CS_OFFL_SIR_LRM_2_20180316T18058_20180316T18058_C001 CS_OFFL_SIR_LRM_2_20180316T18058_20180316T18059_C001 CS_OFFL_SIR_LRM_2_20180316T18058_20180316T191501_C001 CS_OFFL_SIR_LRM_2_20180316T18058_20180316T191501_C001 CS_OFFL_SIR_LRM_2_20180316T191802_00180316T191501_C001 CS_OFFL_SIR_LRM_2_20180316T191802_00180316T191501_C001 CS_OFFL_SIR_LRM_2_20180316T191803_00180316T20058_C001 CS_OFFL_SIR_LRM_2_20180316T191902_0180316T20058_C001 CS_OFFL_SIR_LRM_2_20180316T21038_C001 CS_OFFL_SIR_LRM_2_20180316T21038_C00100316T21		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LEM_2_201803161194361_201803167143407_C001 Surface Model Unavailable File (Retracker 2) Referance 2) No EM or Slope Model was used for the location of one or more records File (Retracker 2) Referance 3) No EM or Slope Model was used for the location of one or more records File (Retracker 2) Referance 3) Referance 3		Height Error (Retracker 2), Height Error	
SO OFFL_SIR_LRM_2_20180316T142031_20180316T14333T_C001 SO OFFL_SIR_LRM_2_20180316T14448_20180316T15003T_C001 SO OFFL_SIR_LRM_2_20180316T14448_20180316T15030T_C001 SO OFFL_SIR_LRM_2_20180316T162430_20180316T153786_C001 SO OFFL_SIR_LRM_2_20180316T162430_20180316T153786_C001 SO OFFL_SIR_LRM_2_20180316T162430_20180316T163031_C001 SO OFFL_SIR_LRM_2_20180316T162430_20180316T160311_C001 SO OFFL_SIR_LRM_2_20180316T16055T_20180316T160011_C001 SO OFFL_SIR_LRM_2_20180316T18001_20180316T180016_C001 CS OFFL_SIR_LRM_2_20180316T18001_20180316T180016_C001 CS OFFL_SIR_LRM_2_20180316T18001_20180316T180016_C001 CS OFFL_SIR_LRM_2_20180316T18001_20180316T190016_C001 CS OFFL_SIR_LRM_2_20180316T18001_20180316T19010_C001 SO OFFL_SIR_LRM_2_20180316T18001_20180316T19010_C001 SO OFFL_SIR_LRM_2_20180316T19050_20180316T19010_C001 SO OFFL_SIR_LRM_2_20180316T19050_20180316T190500_C001 CS OFFL_SIR_LRM_2_20180316T19050_20180316T190500_C001 CS OFFL_SIR_LRM_2_20180316T19050_20180316T190500_C001 CS OFFL_SIR_LRM_2_20180316T19050_20180316T19050_C001 SO OFFL_SIR_LRM_2_20180316T19050_20180316T19050_C001 CS OFFL_S	CS_OFFL_SIR_LRM_220180316T134812_20180316T141346_C001		
Error (Retracker 2) Error (Retracker 3) Error (Retracker 2) Error (Retracker 3) Error (Retracker 2) Error (Retracker 3) Error (Retracker 2) Error (Re	CS_OFFL_SIR_LRM_2_20180316T142041_20180316T142407_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20180316T152453_20180316T153756_C001 CS_OFFL_SIR_LRM_2_20180316T152759_20190316T153756_C001 CS_OFFL_SIR_LRM_2_20180316T153759_20190316T163315_C001 CS_OFFL_SIR_LRM_2_20180316T165515_20180316T160315_C001 Surface Model Unavailable Height Error (Retracker 2). Backscatter Error (Retracker 3) to rone or more records No DEM or Slope Model was used for the location of one or more records CS_OFFL_SIR_LRM_2_20180316T160557_20180316T160316_C001 CS_OFFL_SIR_LRM_2_20180316T171549_20180316T180386_C001 CS_OFFL_SIR_LRM_2_20180316T174542_20180316T180386_C001 CS_OFFL_SIR_LRM_2_20180316T174542_20180316T180386_C001 CS_OFFL_SIR_LRM_2_20180316T181101_20180316T18024_C001 CS_OFFL_SIR_LRM_2_20180316T181101_20180316T18024_C001 CS_OFFL_SIR_LRM_2_20180316T181010_20180316T18024_C001 CS_OFFL_SIR_LRM_2_20180316T18100_20180316T180348_C001 CS_OFFL_SIR_LRM_2_20180316T181500_20180316T180348_C001 CS_OFFL_SIR_LRM_2_20180316T185584_20180316T189591_C001 CS_OFFL_SIR_LRM_2_20180316T185584_C001 CS_OFFL_SIR_LRM_2_20180316T185584_C001 CS_OFFL_SIR_LRM_2_20180316T191629_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T191629_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T191529_1080316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T201448_20180316T204039_C001 CS_OFFL_SIR_LRM_2_20180316T201448_20180316T210306_C001 CS_OFFL_SIR_LRM_2_20180316T201448_20180316T210306_C001 CS_OFFL_SIR_LRM_2_20180316T20148_20180316T210306_C001 CS_OFFL_SIR_LRM_2_20180316T20148_20180316T210316_C001 CS_OFFL_SIR_LRM_2_20180316T20148_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T20148_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T20148_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T20148_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T20148_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T20448_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T20448_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T20448_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T21048_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T21048_20180316T213316_C001 CS_OFFL	CS_OFFL_SIR_LRM_2_20180316T142631_20180316T143837_C001		•
GS_OFFL_SIR_LRM_2_20180316T152453_20180316T153756_C001 CS_OFFL_SIR_LRM_2_20180316T153759_20180316T154315_C001 CS_OFFL_SIR_LRM_2_20180316T155515_20180316T180311_C001 CS_OFFL_SIR_LRM_2_20180316T155515_20180316T180311_C001 CS_OFFL_SIR_LRM_2_20180316T160557_20180316T16016_C001 CS_OFFL_SIR_LRM_2_20180316T171549_20180316T173308_C001 CS_OFFL_SIR_LRM_2_20180316T171549_20180316T173308_C001 CS_OFFL_SIR_LRM_2_20180316T171549_20180316T180381_C001 CS_OFFL_SIR_LRM_2_20180316T181101_20180316T182024_C001 CS_OFFL_SIR_LRM_2_20180316T181101_20180316T182024_C001 CS_OFFL_SIR_LRM_2_20180316T181101_20180316T182024_C001 CS_OFFL_SIR_LRM_2_20180316T181002_0180316T180384_C001 CS_OFFL_SIR_LRM_2_20180316T181500_20180316T180384_C001 CS_OFFL_SIR_LRM_2_20180316T181500_20180316T180384_C001 CS_OFFL_SIR_LRM_2_20180316T18500_20180316T180384_C001 CS_OFFL_SIR_LRM_2_20180316T18500_20180316T180340_C001 CS_OFFL_SIR_LRM_2_20180316T18500_20180316T180340_C001 CS_OFFL_SIR_LRM_2_20180316T191629_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T191629_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T191629_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T205448_20180316T205409_C001 CS_OFFL_SIR_LRM_2_20180316T205448_20180316T205809_C001 CS_OFFL_SIR_LRM_2_20180316T20548_20180316T210308_C001 CS_OFFL_SIR_LRM_2_20180316T21048_20180316T210308_	CS_OFFL_SIR_LRM_220180316T144416_20180316T150037_C001		
Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2). Backscatter Error (Retracker 2). Backscatter Error (Retracker 2). Begins Error (Retracker 2). Beakscatter Error (Ret	CS_OFFL_SIR_LRM_2_20180316T152453_20180316T153756_C001	(Retracker 3), Backscatter Error	
S_OFFL_SIR_LRM_2_20180316T106057_20180316T106056_C001 CS_OFFL_SIR_LRM_2_20180316T175492_20180316T173308_C001 CS_OFFL_SIR_LRM_2_20180316T175492_20180316T173038_C001 CS_OFFL_SIR_LRM_2_20180316T175492_20180316T180816_C001 CS_OFFL_SIR_LRM_2_20180316T181012_20180316T180816_C001 CS_OFFL_SIR_LRM_2_20180316T181012_20180316T18024C_C001 CS_OFFL_SIR_LRM_2_20180316T18305_C0180316T183248_C001 CS_OFFL_SIR_LRM_2_20180316T185806_20180316T183248_C001 CS_OFFL_SIR_LRM_2_20180316T185806_20180316T185707_C001 CS_OFFL_SIR_LRM_2_20180316T185806_20180316T191216_C001 CS_OFFL_SIR_LRM_2_20180316T185806_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T1951216_C001 CS_OFFL_SIR_LRM_2_20180316T1951448_20180316T204839_C001 CS_OFFL_SIR_LRM_2_20180316T205614_20180316T205809_C001 CS_OFFL_SIR_LRM_2_20180316T205614_20180316T203036_C001 CS_OFFL_SIR_LRM_2_20180316T205614_20180316T203036_C001 CS_OFFL_SIR_LRM_2_20180316T210007_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210007_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T212038_C001 CS_OFFL_SIR_LRM_2_20180316T212440_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T2254400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T25904_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223328_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223	CS_OFFL_SIR_LRM_220180316T153759_20180316T154315_C001		
Error (Retracker 2) S. OFFL_SIR_LRM_2_20180316T171549_20180316T180816_C001 S. OFFL_SIR_LRM_2_20180316T174522_20180316T180816_C001 CS_OFFL_SIR_LRM_2_20180316T18101_20180316T18024_C001 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) and a height error for Retracker 2 and a height error for Retra	CS_OFFL_SIR_LRM_220180316T155515_20180316T160311_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2) and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220180316T160557_20180316T164016_C001		
Height Error (Retracker 2). Beskscatter error for Retracker 2 and a height error (Retracker 3). Backscatter error for Retracker 3 and a height error (Retracker 3). Backscatter error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records. There is a height and backscatter error for Retracker 2 for one or more records. Backscatter error (Retracker 2). Backscatter error (Retracker 3). Backscatter error (Retracke	CS_OFFL_SIR_LRM_220180316T171549_20180316T173308_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Leght Error (Retracker 2). Backscatter Error (Retracker 3). Backsc	CS_OFFL_SIR_LRM_2_20180316T174522_20180316T180816_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
CS_OFFL_SIR_LRM_2_20180316T183205_20180316T185707_C001 CS_OFFL_SIR_LRM_2_20180316T185100_20180316T185707_C001 CS_OFFL_SIR_LRM_2_20180316T185854_20180316T191216_C001 CS_OFFL_SIR_LRM_2_20180316T191629_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T191629_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T1919511_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T192511_20180316T195649_C001 CS_OFFL_SIR_LRM_2_20180316T201448_20180316T204639_C001 CS_OFFL_SIR_LRM_2_20180316T201448_20180316T204639_C001 CS_OFFL_SIR_LRM_2_20180316T2007_20180316T204639_C001 CS_OFFL_SIR_LRM_2_20180316T2007_20180316T20313_C001 CS_OFFL_SIR_LRM_2_20180316T210007_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210007_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T212036_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T2213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T2213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T223326_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T223326_C001 CS_OFFL_SIR_LRM_2_20180316T222440_20180316T223326_C001 CS_OFFL_SIR_LRM_2_20180316T222440_20180316T223326_C001 CS_OFFL_SIR_LRM_2_20180316T222440_20180316T223326_C001 CS_OFFL_SIR_LRM_2_20180316T222440_20180316T223326_C001 CS_OFFL_SIR_LRM_2_20180316T222440_20180316T223326_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223326_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223326_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223502_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223502_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223502_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223502_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223502_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223502_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223502_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223502_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T223502_C001 CS_OFFL_SIR_LRM_2_20180316T22440	CS_OFFL_SIR_LRM_2_20180316T181101_20180316T182024_C001	Height Error (Retracker 2), Backscatter	
Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Bac	CS_OFFL_SIR_LRM_220180316T183205_20180316T183248_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_20180316T191629_20180316T19191_C001 CS_OFFL_SIR_LRM_2_20180316T191629_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T191629_20180316T191901_C001 CS_OFFL_SIR_LRM_2_20180316T192511_20180316T19549_C001 CS_OFFL_SIR_LRM_2_20180316T201448_20180316T204639_C001 CS_OFFL_SIR_LRM_2_20180316T201448_20180316T204639_C001 CS_OFFL_SIR_LRM_2_20180316T201448_20180316T205809_C001 CS_OFFL_SIR_LRM_2_20180316T205614_20180316T205809_C001 CS_OFFL_SIR_LRM_2_20180316T205014_20180316T205001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T205001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T21036_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223440_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T203032_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T203032_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T203032_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T203032_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T203032_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T203032_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T203032_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T203032_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T203032_20180316T	CS_OFFL_SIR_LRM_2_20180316T185100_20180316T185707_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_20180316T191629_20180316T191901_C001 Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter E	CS OFFL SIR LRM 2 20180316T185854 20180316T191216 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 (Retracker 2 and a height error (Retracker 3 for one or more records (Retracker 2 and a height error (Retracker 3 for one or more records) CS_OFFL_SIR_LRM_2_20180316T201448_20180316T204639_C001 CS_OFFL_SIR_LRM_2_20180316T205614_20180316T205809_C001 CS_OFFL_SIR_LRM_2_20180316T210007_20180316T205809_C001 CS_OFFL_SIR_LRM_2_20180316T210007_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210007_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T212036_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212440_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212440_20180316T221316_C001 CS_OFFL_SIR_LRM_2_20180316T212440_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T2234400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T20042_20180316T2230042_20180316T2230042_C001 CS_OFFL_SIR_LRM_2_20180316T200042_20180316T2230042_C001 CS_OFFL_SIR_LRM_2_20180316T200042_20180316T2230042_C001 CS_OFFL_SIR_LRM_2_20180316T200042_20180316T20005_C001 CS_OFFL_SIR_LRM_2_20180316T200062_20180316T20005_C001 CS_OFFL_SIR_LRM_2_20180316T200062_20180316T20005_C001 CS_OFFL_SIR_LRM_2_20180316T200062_20180316T20005_C001 CS_OFFL_SIR_LRM_2_20180316T200062_20180316T20005_C001 CS_OFFL_SIR_LR			
Height Error (Retracker 2), Height Error (Retracker 2) and a height error (Retracker 3) as Ackscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20180316T205614_20180316T205809_C001 Surface Model Unavailable CS_OFFL_SIR_LRM_2_20180316T21007_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T212036_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T212036_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T215918_20180316T221115_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223440_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T220400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T230042_20180316T230325_C001 Height Error (Retracker 2), Height Error (Retracker 3) ackscatter Error (Retracker 3) ackscatter Error (Retracker 2) and a height error for Retracker 2 and a height error for Retracker 3 and a height error for Retracker 2 and a height error for Retracker 3 an		Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_2_20180316T21007_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T210313_C001 CS_OFFL_SIR_LRM_2_20180316T210438_20180316T212036_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T2213316_C001 CS_OFFL_SIR_LRM_2_20180316T215918_20180316T221115_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223440_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T23042_20180316T223025_C001 CS_OFFL_SIR_LRM_2_20180316T230042_20180316T2230325_C001 CS_OFFL_SIR_LRM_2_20180316T230042_20180316T230325_C001 CS_OFFL_SIR_LRM_2_20180316T230042_20180316T230325_C001	CS_OFFL_SIR_LRM_2_20180316T201448_20180316T204639_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20180316T210007_20180316T210313_C001 Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retrack	CS_OFFL_SIR_LRM_220180316T205614 20180316T205809 C001	,	
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T215918_20180316T221115_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223440_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T220180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T220180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T220180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T220180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T200042_20180316T2000000000000000000000000000000000000		Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 CS_OFFL_SIR_LRM_2_20180316T215918_20180316T221115_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223440_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T220180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T230042_20180316T230325_C001			·
CS_OFFL_SIR_LRM_2_20180316T212240_20180316T213316_C001 (Retracker 3), Backscatter Error (Retracker 2) for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error (Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223440_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T230325_C001 (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Ba	С5_0FFL_SIK_LKM_2201803161210438_20180316T212036_C001	(Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20180316T223446_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T223440_20180316T223728_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 CS_OFFL_SIR_LRM_2_20180316T220180316T20042_20180316T2000000000000000000000000000000000000	CS_OFFL_SIR_LRM_220180316T212240_20180316T213316_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20180316T230042_20180316T230325_C001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Re	CS_OFFL_SIR_LRM_220180316T215918_20180316T221115_C001		
CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001 (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backs	CS_OFFL_SIR_LRM_220180316T223446_20180316T223728_C001		No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20180316T230042_20180316T2300325_C001 (Retracker 3), Backscatter Error for Patracker 3 for one or more records	CS_OFFL_SIR_LRM_2_20180316T224400_20180316T225902_C001	(Retracker 3), Backscatter Error (Retracker 2)	
	CS_OFFL_SIR_LRM_2_20180316T230042_20180316T230325_C001	(Retracker 3), Backscatter Error	

00.0051.015.1514.0004000407000700.0044070440704.0004	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180316T233732_20180316T234321_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180316T234605_20180316T234844_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180316T234849_20180317T001023_C001	Error (Retracker 2)	records
CS_OFFL_SIR_SIN_220180316T001902_20180316T002445_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_220180316T010221_20180316T010338_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T010541_20180316T010620_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T011133_20180316T011413_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180316T015217_20180316T015247_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_220180316T024141_20180316T024301_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T024351_20180316T024545_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T025150_20180316T025317_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T042130_20180316T042454_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T043020_20180316T043137_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T073717_20180316T073910_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T074752_20180316T074917_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T082641_20180316T082746_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T083047_20180316T083150_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T091601_20180316T091737_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180316T092325_20180316T092328_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180316T092505_20180316T092707_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220180316T100849_20180316T101104_C001	SARIn X-track Angle Error, Surface	records An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_220180316T105515_20180316T105702_C001	Model Unavailable SARIn X-track Angle Error	Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220180316T110239_20180316T110242_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
	-	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180316T110344_20180316T111038_C001	SARIn X-track Angle Error SARIn X-track Angle Error, Surface	records An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_2_20180316T114431_20180316T114937_C001	Model Unavailable	Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220180316T123421_20180316T123733_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220180316T124121_20180316T124127_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20180316T124136_20180316T124142_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220180316T124426_20180316T124640_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220180316T141347_20180316T141515_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220180316T142408_20180316T142530_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20180316T151237_20180316T151312_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_220180316T155351_20180316T155515_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T160311_20180316T160424_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T173321_20180316T173447_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T174001_20180316T174303_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T191324_20180316T191629_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T191902_20180316T192414_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T201007_20180316T201357_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T205339_20180316T205613_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T205809_20180316T210007_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T210314_20180316T210437_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T214852_20180316T215008_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T215216_20180316T215500_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T222838_20180316T223445_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T223729_20180316T223744_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T224214_20180316T224355_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T232820_20180316T233035_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180316T233125_20180316T233352_C001	SARIn X-track Angle Error, Surface	An ambiguous angle was detected for SARIn mode and no DEM or Slope
	Model Unavailable	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	150	150	150	0	0	
SIR_LRM_2	148	148	148	0	0	
SIR_LRMI2_	148	148	148	0	0	
SIR_SAR_1B	93	93	93	0	0	
SIR_SAR_2	93	93	93	0	0	
SIR_SARI2_	93	93	93	0	0	
SIR_SIN_1B	96	96	96	0	0	
SIR_SIN_2	96	96	96	0	0	
SIR_SINI2	96	96	96	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:

172