



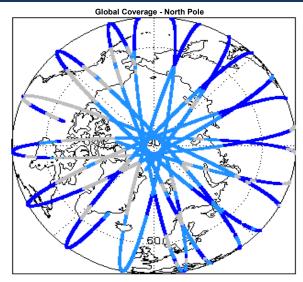
## 1. Overview

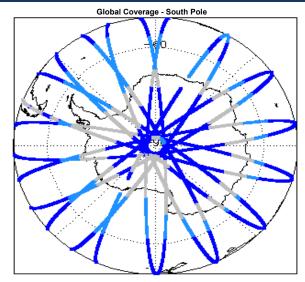
Report Production Date:	07-Dec-2015	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

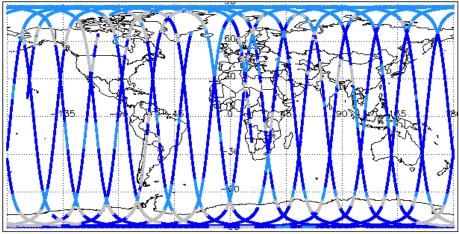
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File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

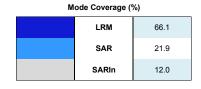
Mission / Instrument News		
03-N	Nov-2015	SIRAL unavailability on 03-Nov-2015 from 18:42:12 to 19:39:43 due to a planned orbit manoeuvre.
04-N	Nov-2015	None
05-1	Nov-2015	Nothing planned

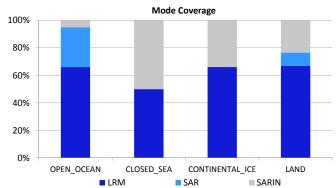
# 2. Global Coverage

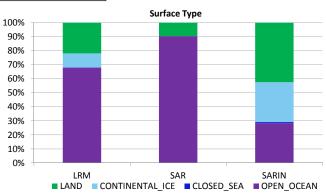












# 3. Instrument Configuration

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:

## 4.5 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.6 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set

Number of products with errors:

#### 4.7 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set

Currently, there are several common error flags raised in the Level 1B products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Block Degraded Flag: This flag is currently set for a number of individual records generally at the start or end of products (all modes), but this is to be expected.

Phase Perturbation Flag: This flag is currently set for all L1B SARIn products, indicating that the ADC correction application is deactivated, but this is in line with the current configuration.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20151104T105225_20151104T105757_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

## 5. Level 2 Data Quality Check

## 5.1 L2 Product Format Check

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

Number of products with errors:

## 5.2 L2 Product Header Analysis

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

Number of products with errors:

## 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 OFFE SIR FRM 2 201511041001211 201511041001451 C001	_ ` ` ` . ` `	There is a height and backscatter error for Retracker 2 for one or more records
CS OFFE SIR ERM 2 201511041003735 201511041004726 C001	_	There is a height and backscatter error for Retracker 2 for one or more records

Comparison   Com		Height Error (Retracker 2), Height Error	L
GOTH_BIRLEY_DISTRICTION_CONTROLL_CONTRO	CS_OFFL_SIR_LRM_220151104T005011_20151104T0111129_C001	(Retracker 3), Backscatter Error	
Entry (State 2) 2015 (1617) 2016 (1617) 20	CS_OFFL_SIR_LRM_220151104T012902_20151104T013842_C001	Error (Retracker 2)	records
Control and Land 2 - 2016 for for the product of the control and the control a	CS_OFFL_SIR_LRM_220151104T014030_20151104T015306_C001	Error (Retracker 2)	
Co. OFF., Bit. 1942. 2. 2015 Inchreasing 2, 20	CS_OFFL_SIR_LRM_220151104T021557_20151104T025015_C001	(Retracker 3), Backscatter Error	· ·
CG_CFF_BILINEZ0151001700030_2015104700310_C01  CG_CFF_BILINEZ0151001700310_C015104700310_C01  CG_CFF_BILINEZ0151001700312_C015104700310_C01  CG_CFF_BILINEZ0151001700312_C0151047100310_C01  CG_CFF_BILINEZ0151001700312_C0151047100310_C01  CG_CFF_BILINEZ0151001700312_C0151047100310_C01  CG_CFF_BILINEZ0151001700312_C0151047100310_C01  CG_CFF_BILINEZ0151001700312_C0151047100310_C01  CG_CFF_BILINEZ0151001700312_C0151047100310_C01  CG_CFF_BILINEZ0151001700312_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C0151047100310_C01  CG_CFF_BILINEZ015100170032_C	CS_OFFL_SIR_LRM_220151104T030920_20151104T033946_C001		
Co. CHE, SIRLEM 2, 2010110110000277 20101011000002. CODI  SIRLEM 2, 20101101100000077 20101011000002. CODI  SIRLEM 2, 20101101100000077 20101011000002. CODI  SIRLEM 2, 201011011000000000000000000000000000	CS_OFFL_SIR_LRM_220151104T035630_20151104T041241_C001	(Retracker 3), Backscatter Error	
So, CPFL, SRIL LEVIL 2. 20151011092519. 20151047109080. CODI  SO, CPFL, SRIL LEVIL 2. 20151011093080. 20151047109080. CODI  SO, CPFL, SRIL LEVIL 2. 20151017109040. 20151047109080. CODI  SO, CPFL, SRIL LEVIL 2. 20151047109040. 2015104700400. CODI  SO, CPFL, SRIL LEVIL 2. 20151047109040. 20151047109040. CODI  SO, CPFL, SRIL LEVIL 2. 20151047109040. 20151047109050. CODI  SO, CPFL, SRIL LEVIL 2. 20151047109040. CODI	CS_OFFL_SIR_LRM_2_20151104T041446_20151104T042958_C001	(Retracker 3), Backscatter Error	
Exp. (Path. Law. 2. 20151010705045 2015104709085 COD  G. OFFL SIR LEW. 2. 20151010705002 2015104109085 COD  G. OFFL SIR LEW. 2. 2015100705002 2015104709085 COD  G. OFFL SIR LEW. 2. 2015100705003 2015104709081 COD  G. OFFL SIR LEW. 2. 20151007105003 20151047109081 COD  G. OFFL SIR LEW. 2. 2015100710501 20151047109081 COD  G. OFFL SIR LEW. 2. 20151007105003 2015104710908 COD  G. OFFL SIR LEW. 2. 20151007105003 20151047107003 COD  G. OFFL SIR LEW. 2. 20151007105003 2015104710200 COD  G. OFF	CS_OFFL_SIR_LRM_220151104T050317_20151104T051918_C001	(Retracker 3), Backscatter Error	
Son Fig. 1, 1941 2. 20191910110004 2.001910110004 2.0019101100019 2.0019 1.001910110004 2.001910110004 2.001910110004 2.00191011010009 2.0019101100009 2.0019101110000 2.0019101110000 2.0019101110000 2.0019101110000 2.0019101110000 2.00191011110000 2.00191011110000 2.0019101111000 2.001910111000 2.0019101111000 2.0019101111000 2.0019101111000 2.0019101111000 2.0019101111000 2.001910111000 2.001910111000 2.001910	CS_OFFL_SIR_LRM_220151104T053735_20151104T054718_C001		The state of the s
So CFFL SRL LENU 2. 20151104700004 2015114776704 0011  So CFFL SRL LENU 2. 20151104700004 20151147767000 0011  So CFFL SRL LENU 2. 20151104700001 2015114776704 0011  So CFFL SRL LENU 2. 20151104700001 20151147767000 0011  So CFFL SRL LENU 2. 20151104700001 20151147767000 0011  So CFFL SRL LENU 2. 201511047100001 2015114776700 0011  So CFFL SRL LENU 2. 201511047100000 2015114776700 0011  So CFFL SRL LENU 2. 2015110477100000 20151147767000 0011  So CFFL SRL LENU 2. 2015110477100000	CS_OFFL_SIR_LRM_220151104T055024_20151104T055306_C001		
CS_CPF_SML_PML2_2015104T105041_2015104T105055 CO01  CS_CPF_SML_PML2_2015104T1050510_2015104T105055 CO01  CS_CPF_SML_PML2_2015104T1050510_2015104T105050_2015104T1050510_2015104T105050	CS_OFFL_SIR_LRM_220151104T055445_20151104T060825_C001		The state of the s
Enris (Patracker 2) and a harget and backscalter error for Retracker 2 for one or more records.  S. OFFL, SR, LPM, 2_2015110477081032_20151047108100_0001  S. OFFL, SR, LPM, 2_20151104708103_20151047108200_0001  S. OFFL, SR, LPM, 2_20151104708103_20151047108100_0001  S. OFFL, SR, LPM, 2_20151104708001_20151047108100_0001  S. OFFL, SR, LPM, 2_20151104708001_20151047108100_0001  S. OFFL, SR, LPM, 2_201511047108001_20151047108100_0001  S. OFFL, SR, LPM, 2_201511047108001_20151047108100_0001  S. OFFL, SR, LPM, 2_201511047108001_20151047108000000000000000000000000000000000	CS_OFFL_SIR_LRM_2_20151104T062414_20151104T065738_C001	(Retracker 3), Backscatter Error	
Signification 2, 20151104100001, 20151041000001 (20151041000000) (201510410000000) (201510410000000) (201510410000000) (201510410000000) (201510410000000) (201510410000000) (201510410000000) (2015104100000000000000000000000000000000	CS_OFFL_SIR_LRM_220151104T065915_20151104T065955_C001		The state of the s
Enry (Febracker 2) exclude the heady and shedged error for Retrocker 2 and a height er	CS_OFFL_SIR_LRM_220151104T072608_20151104T074704_C001		•
SeyEH_SRI_LRM_2_20151104710930_2015104710930_001  SeyEH_SRI_LRM_2_2015110471040041_2015104700380_001  SeyEH_SRI_LRM_2_201511047103044_20151047100516_001  SeyEH_SRI_LRM_2_201511047103044_20151047101010_001  SeyEH_SRI_LRM_2_201511047103084_20151047101010_001  SeyEH_SRI_LRM_2_201511047103084_20151047101010_001  SeyEH_SRI_LRM_2_201511047103084_20151047110100_001  SeyEH_SRI_LRM_2_201511047103084_2015104711010_0001  SeyEH_SRI_LRM_2_201511047103084_20151047110500_001  SeyEH_SRI_LRM_2_2015110471103084_20151047110500_001  SeyEH_SRI_LRM_2_201511047112001_2015104711200_001  SeyEH_SRI_LRM_2_201511047112001_2015104711200_001  SeyEH_SRI_LRM_2_20151104712000_2015104711200_001  SeyEH_SRI_LRM_2_20151104712000_2015104711200_001  SeyEH_SRI_LRM_2_20151104712000_2015104711200_001  SeyEH_SRI_LRM_2_20151104712000_201510471200_001  SeyEH_SRI_LRM_2_20151104712000_201510471200_001  SeyEH_SRI_LRM_2_20151104712000_201510471200_001  SeyEH_SRI_LRM_2_20151104712000_20151047140300_001  SeyEH_SRI_LRM_2_20151104712000_20151047140300_001  SeyEH_SRI_LRM_2_201511047140000_20151047140000_001  SeyEH_SRI_LRM_2_201511047140000_20151047140000_001  SeyEH_SRI_LRM_2_201511047140000_20151047140000_001  SeyEH_SRI_LRM_2_201511047140000_00151047140000_001  SeyEH_SRI_LRM_2_201511047140000_00151047140000_001  SeyEH_SRI_LRM_2_201511047140000_00151047140000_001  SeyEH_SRI_LRM_2_201511047140000_00151047140000_0015104714000000000000000000000000000000	CS_OFFL_SIR_LRM_220151104T080301_20151104T081402_C001		
Exit (Retracker 2)  So OFFL_SIR_LRM_2_20151047109310_201511047109531_C001  SO OFFL_SIR_LRM_2_20151047109304_201511047109532_C001  SO OFFL_SIR_LRM_2_20151047110954_201511047110952  SO OFFL_SIR_LRM_2_20151047110954_201511047110952  SO OFFL_SIR_LRM_2_20151047110954_201511047110952  SO OFFL_SIR_LRM_2_20151047110954_201511047110952  SO OFFL_SIR_LRM_2_20151047110954_201511047110952  SO OFFL_SIR_LRM_2_20151047110954_201511047110954_20151104710954_20151104710954_20151	CS_OFFL_SIR_LRM_220151104T081932_20151104T083108_C001	(Retracker 3), Backscatter Error	
GS_OFFL_SIR_LRM_2_20151104T10954_20151104T10510_0001  GS_OFFL_SIR_LRM_2_20151104T10952_20151104T10510_0001  GS_OFFL_SIR_LRM_2_20151104T10952_20151104T10510_0001  GS_OFFL_SIR_LRM_2_20151104T10952_20151104T10510_0001  GS_OFFL_SIR_LRM_2_20151104T10952_20151104T10510_0001  GS_OFFL_SIR_LRM_2_2015104T10952_20151104T10520_0001  GS_OFFL_SIR_LRM_2_2015104T1010952_20151104T15520_0001  GS_OFFL_SIR_LRM_2_2015104T12010_20151104T12520_0001  GS_OFFL_SIR_LRM_2_2015104T12010_20151104T12520_0001  GS_OFFL_SIR_LRM_2_2015104T12502_20151104T12520_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T12520_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T12520_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T12520_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T12500_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T1250_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T1250_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T14255_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T14250_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T14250_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T14250_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T14250_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T14250_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T14250_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T13010_0001  GS_OFFL_SIR_LRM_2_2015104T13010_20151104T13010_0001  GS_OFFL_SIR_LRM_2_2015104T13010_00151104T13010_0001  GS_OFFL_SIR_LRM_2_2015104T13010_00151104T13010_0001  GS_OFFL_SIR_LRM_2_2015104T13010_00151104T13010_0001  GS_OFFL_SIR_LRM_2_2015104T13010_00151104T13030_0001  GS_OFFL_SIR_LRM_2_2015104T1301030_00151104T13030_0001  GS_OFFL_SIR_LRM_2_2015104T1301030_00151104T13030_0001  GS_OFFL_SIR_LRM_2_2015104T1301030_00151104T13030_0001  GS_OFFL_SIR_LRM_2_2015104T1301030_00151104T13030_0001  GS_OFFL_SIR_LRM_2_2015104T1301030_00151104T13030_0001  GS_OFFL_SIR_LRM_2_2015104T1301030_00151104T13030_0001  GS_OFFL_SIR_LRM_2_2015104T1301030_00151104T13030_0001  GS_OFFL_SIR_LRM_2_2015104T1301030_00151104T13030_0001  GS_OFFL_SIR_LRM_2_2015104T1301030_00151104T13030_0001  GS_OFFL_S	CS_OFFL_SIR_LRM_220151104T090111_20151104T092630_C001		
Error (Retracker 2). Backscatter error for Retracker 2 for one or more records.  SC OFFL_SIR_LEM_2_20151047103824_20151047110310_c001  SC OFFL_SIR_LEM_2_201510471103824_20151047110520_c001  CS_OFFL_SIR_LEM_2_20151047112302_201510471125236_c001  CS_OFFL_SIR_LEM_2_20151047112302_20151047112239_c001  CS_OFFL_SIR_LEM_2_20151047123102_20151047122386_c001  CS_OFFL_SIR_LEM_2_20151047123102_20151047122386_c001  CS_OFFL_SIR_LEM_2_20151047123102_20151047122386_c001  CS_OFFL_SIR_LEM_2_20151047123102_20151047122386_c001  CS_OFFL_SIR_LEM_2_20151047132248_20151047122386_c001  CS_OFFL_SIR_LEM_2_20151047132248_20151047122386_c001  CS_OFFL_SIR_LEM_2_2015104713202_0151047123306_c001  CS_OFFL_SIR_LEM_2_2015104713202_0151047123306_c001  CS_OFFL_SIR_LEM_2_2015104713202_0151047123306_c001  CS_OFFL_SIR_LEM_2_2015104713202_0151047132306_c001  CS_OFFL_SIR_LEM_2_2015104713202_015104713202_0001  CS_OFFL_SIR_LEM_2_2015104713202_015104713206_c001  CS_OFFL_SIR_LEM_2_2015104713202_015104713206_c001  CS_OFFL_SIR_LEM_2_2015104713202_015104713206_c001  CS_OFFL_SIR_LEM_2_2015104713202_015104713206_c001  CS_OFFL_SIR_LEM_2_2015104713202_0151047160225_c001  CS_OFFL_SIR_LEM_2_2015104713202_0151047160225_c001  CS_OFFL_SIR_LEM_2_2015104713204_20151047160225_c001  CS_OFFL_SIR_LEM_2_2015104713204_20151047160225_c001  CS_OFFL_SIR_LEM_2_2015104713202_0151047160225_c001  CS_OFFL_SIR_LEM_2_20151047160225_c001  CS_OFFL_SIR_LEM_2_20151047160405_001  CS_OFFL_SIR_LEM_2_20151047160405_001001001001001001001001001001001001001	CS_OFFL_SIR_LRM_220151104T094316_20151104T095316_C001	(Retracker 3), Backscatter Error	
GS_OFFL_SIR_LEM_2_2015104T102934_2015104T103104_20001  GS_OFFL_SIR_LEM_2_2015104T103904_2015104T11530_2001  Surface Model Unavailable Heigh Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Er	CS_OFFL_SIR_LRM_220151104T095846_20151104T101610_C001		
Error (Retracker 2)  Surface Model Unavailable  First (Retracker 2)  Surface Model Unavailable  Surfac	CS_OFFL_SIR_LRM_220151104T102912_20151104T103102_C001		•
A height Error (Retracker 2). A height Error (Retracker 2) and a height error (Retracker 2). A h	CS_OFFL_SIR_LRM_220151104T103834_20151104T104717_C001		
GS_OFFL_SIR_LRM_2_20151104T11293_20151104T12216_0001  GS_OFFL_SIR_LRM_2_20151104T1293_20151104T12216_0001  GS_OFFL_SIR_LRM_2_20151104T1293_20151104T12438_0001  GS_OFFL_SIR_LRM_2_20151104T130121_20151104T13376_0001  GS_OFFL_SIR_LRM_2_20151104T130121_20151104T13376_0001  GS_OFFL_SIR_LRM_2_20151104T130121_20151104T13376_0001  GS_OFFL_SIR_LRM_2_20151104T130121_20151104T13376_0001  GS_OFFL_SIR_LRM_2_20151104T130121_20151104T142155_0001  GS_OFFL_SIR_LRM_2_20151104T14314_20151104T14352_0001  GS_OFFL_SIR_LRM_2_20151104T144103_20151104T14338_0001  GS_OFFL_SIR_LRM_2_20151104T144103_20151104T15002_001  GS_OFFL_SIR_LRM_2_20151104T16022_001  GS_OFFL_SIR_LRM_2_20151104T16022_001  GS_OFFL_SIR_LRM_2_20151104T16022_001  GS_OFFL_SIR_LRM_2_20151104T16038_0015104T16025_0001  GS_OFFL_SIR_LRM_2_20151104T16038_0051104T16025_0001  GS_OFFL_SIR_LRM_2_20151104T16038_0051104T16025_0001  GS_OFFL_SIR_LRM_2_20151104T16038_0051104T16025_0001  GS_OFFL_SIR_LRM_2_20151104T16038_0051104T16025_0001  GS_OFFL_SIR_LRM_2_20151104T16038_0051104T16025_0001  GS_OFFL_SIR_LRM_2_20151104T16038_0051104T16025_0001  GS_OFFL_SIR_LRM_2_20151104T16038_0051104T16025_0001  GS_OFFL_SIR_LRM_2_20151104T16038_0051104T16035_0001  GS_OFFL_SIR_LRM_2_20151104T16035_0001  GS_OFFL_SIR_LRM_2_20151104T16035_0001  GS_OFFL_SIR_LRM_2_20151104T16035_0001  GS_OFFL_SIR_LRM_2_20151104T16035_0001  GS_OFFL_SIR_LRM_2_20151104T16035_0001  GS_OFFL_SIR_LRM_2_20151104T16035_0001  GS_OFFL_SIR_LRM_2_20151104T16035_0001  GS_OFFL_SIR_LRM_2_20151104T16035_0001  GS_OFFL_SIR_LR	CS_OFFL_SIR_LRM_220151104T110954_20151104T111530_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20151104T122788_20151104T124338_C001  CS_OFFL_SIR_LRM_2_20151104T13702_20151104T143706_C001  CS_OFFL_SIR_LRM_2_20151104T13702_20151104T143706_C001  CS_OFFL_SIR_LRM_2_2015104T14302_20151104T143326_C001  CS_OFFL_SIR_LRM_2_20151104T14332_20151104T143326_C001  CS_OFFL_SIR_LRM_2_20151104T14332_20151104T143326_C001  CS_OFFL_SIR_LRM_2_20151104T14332_20151104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T14013_20151104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T15022_20151104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T15022_20151104T150143_C001  CS_OFFL_SIR_LRM_2_2015104T15022_20151104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T15022_20151104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T15022_20151104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T15022_20151104T15022_C001  CS_OFFL_SIR_LRM_2_20151104T15022_20151104T164738_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T164738_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T164025_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T164052_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T164052_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T164052_C001  CS_OFFL_SIR_LRM_2_20151104T165038_20151104T164052_C001  CS_OFFL_SIR_LRM_2_20151104T165038_20151104T165039_C001  CS_OFFL_SIR_LRM_2_20151104T165038_20151104T165039_C001  CS_OFFL_SIR_LRM_2_20151104T165038_20151104T165045_C001  CS_OFFL_SIR_LRM_2_20151104T165042_C001	CS_OFFL_SIR_LRM_220151104T112301_20151104T115523_C001	(Retracker 3), Backscatter Error	
Error (Retracker 2)  SOFFL_SIR_LRM_2_20151104T133706_C001  CS_OFFL_SIR_LRM_2_20151104T135904_20151104T142155_C001  CS_OFFL_SIR_LRM_2_20151104T143124_20151104T142155_C001  CS_OFFL_SIR_LRM_2_20151104T143124_20151104T143124_2015104T143124_2015104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T14103_20151104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T150229_20151104T150220_C001  CS_OFFL_SIR_LRM_2_20151104T150224_20151104T160025_C001  CS_OFFL_SIR_LRM_2_20151104T16038_20151104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T16038_20151104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T160325_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T160325_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T160325_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T160325_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T160325_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T160405_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T160405_C001  CS_OFFL_SIR_LRM_2_20151104T16038_2015104T160405_C001  CS_OFFL_SIR_LRM_2_20151104T160405_C001  CS_OFFL_SIR_LRM_2_20151104T160405_C001  CS_OFFL_SIR_LRM_2_20151104T160405_C001  CS_OFFL_SIR_LRM_2_20151104T160405_C001  CS_OFFL_SIR_LRM_2_20151104T192305_20151104T160405_C001  CS_OFFL_SIR_LRM_2_20151104T192305_20151104T190711_C001  CS_OFFL_SIR_LRM_2_20151104T192305_20151104T190715_C001  CS_OFFL_SIR_LRM_2_20151104T192305_20151104T190715_C001  CS_OFFL_SIR_LRM_2_20151104T190715_20151104T190715_C001  CS_OFFL_SIR_LRM_2_20151104T190715_C0015104T190715_C001  CS_OFFL_SIR_LRM_2_20151104T190715_C0015104T190715_C001  CS_OFFL_SIR_LRM_2_20151104T190715_C0015104T190715_C001  CS_OFFL_SIR_LRM_2_20151104T190715_C0015104T190715_C001  CS_OFFL_SIR_LRM_2_20151104T190715_C0015104T190715_C001  CS_OFFL_SIR_LRM_2_20151104T190715_C0015104T1	CS_OFFL_SIR_LRM_220151104T121902_20151104T122136_C001		
(Refracker 2) Backscatter Error (Retracker 2) Leight Error (Retracker 2) Leight Error (Retracker 2) A Leight Error (Retracker 2)	CS_OFFL_SIR_LRM_220151104T122748_20151104T124338_C001		
CS_OFFL_SIR_LRM_2_20151104T143124_20151104T143328_C001  CS_OFFL_SIR_LRM_2_20151104T144103_20151104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T144103_20151104T150143_C001  CS_OFFL_SIR_LRM_2_20151104T15229_20151104T151602_C001  CS_OFFL_SIR_LRM_2_20151104T15229_20151104T151602_C001  CS_OFFL_SIR_LRM_2_20151104T15229_20151104T150225_C001  CS_OFFL_SIR_LRM_2_20151104T16329_20151104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T16328_20151104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T16025_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T164655_C001  CS_OFFL_SIR_LRM_2_20151104T16370_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T16370_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T16370_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T16370_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T16370_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T16370_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T16370_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T16370_20151104T16404C001  CS_OFFL_SIR_LRM_2_20151104T175591_20151104T165042_C001  CS_OFFL_SIR_LRM_2_20151104T16404C001  CS_OFFL_SIR_LRM_2_20151104T16404C001  CS_OFFL_SIR_LRM_2_20151104T16404C001  CS_OFFL_SIR_LRM_2_20151104T16404C001  CS_OFFL_SIR_LRM_2_20151104T16404C001  CS_OFFL_SIR_LRM_2_20151104T16404C001  CS_OFFL_SIR_LRM_2_2015104T192745_C0015104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192745_20151104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192745_20151104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192745_20151104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192745_20151104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192745_20151104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192745_20151104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192745_20151104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192745_20151104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192745_2015104T192339_C001  CS_OFFL_SIR_LRM_2_2015104T192346_2015104T193331_C001  CS_OFFL_SIR_LRM_2_2015104T192346_2015104T193331_C001  CS_OF	CS_OFFL_SIR_LRM_220151104T130121_20151104T133706_C001	(Retracker 3), Backscatter Error (Retracker 2)	· ·
Height Error (Retracker 2), Height Error (Retracker 2) and a height error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 2).  Backscatter Error (Retracker 2).  Surface Model Unavailable  Sourface Model Unavailable	CS_OFFL_SIR_LRM_220151104T135904_20151104T142155_C001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20151104T15029_20151104T1502C_O01  CS_OFFL_SIR_LRM_2_20151104T152924_20151104T154738_CO01  CS_OFFL_SIR_LRM_2_20151104T152924_20151104T154738_CO01  CS_OFFL_SIR_LRM_2_20151104T154845_20151104T1602C_CO01  CS_OFFL_SIR_LRM_2_20151104T154845_20151104T161237_CO01  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T161237_CO01  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T161237_CO01  CS_OFFL_SIR_LRM_2_20151104T1613701_20151104T164625_CO01  CS_OFFL_SIR_LRM_2_20151104T167202_2015104T164625_CO01  CS_OFFL_SIR_LRM_2_20151104T16752_20151104T164625_CO01  CS_OFFL_SIR_LRM_2_20151104T16752_20151104T164625_CO01  CS_OFFL_SIR_LRM_2_20151104T16754_20151104T164625_CO01  CS_OFFL_SIR_LRM_2_20151104T17544_CO01  CS_OFFL_SIR_LRM_2_20151104T17544_CO01  CS_OFFL_SIR_LRM_2_20151104T18506_20151104T181404_CO01  CS_OFFL_SIR_LRM_2_20151104T18506_20151104T18071_CO01  CS_OFFL_SIR_LRM_2_20151104T18506_20151104T190711_CO01  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_CO01  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_CO01  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193032_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T199755_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T190505_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T190505_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T190505_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T190505_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T190505_CO01  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T190505_CO01  CS_OFFL_SIR_LRM_2_20151	CS_OFFL_SIR_LRM_220151104T143124_20151104T143328_C001		No DEM or Slope Model was used for the location of one or more records
Error (Retracker 2)  Error (Retracker 2)  Height Error (Retracker 2)  Height Error (Retracker 2)  Error (Retracker 2)  Height 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  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or more records  There is a height and backscatter error for Retracker 2 one or	CS_OFFL_SIR_LRM_220151104T144103_20151104T150143_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20151104T152924_20151104T160225_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T161237_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T161237_C001  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T161237_C001  CS_OFFL_SIR_LRM_2_20151104T161948_20151104T163459_C001  CS_OFFL_SIR_LRM_2_20151104T163701_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T163701_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T163701_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T177552_20151104T172545_C001  CS_OFFL_SIR_LRM_2_20151104T175941_20151104T18404_C001  CS_OFFL_SIR_LRM_2_20151104T175941_20151104T18404_C001  CS_OFFL_SIR_LRM_2_20151104T184854_20151104T185042_C001  CS_OFFL_SIR_LRM_2_20151104T184854_20151104T185042_C001  CS_OFFL_SIR_LRM_2_20151104T184804_C001  CS_OFFL_SIR_LRM_2_20151104T184804_C001  CS_OFFL_SIR_LRM_2_20151104T184804_C001  CS_OFFL_SIR_LRM_2_20151104T184804_C001  CS_OFFL_SIR_LRM_2_20151104T184804_C001  CS_OFFL_SIR_LRM_2_20151104T184804_C001  CS_OFFL_SIR_LRM_2_20151104T19204_20151104T190711_C001  CS_OFFL_SIR_LRM_2_20151104T19204_20151104T190711_C001  CS_OFFL_SIR_LRM_2_20151104T19204_20151104T19239_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T192927_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T192935_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_200151104T1995755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T1995755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T1995755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T1995755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T1995755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T195755_C001  CS_OFFL_SIR_LR	CS_OFFL_SIR_LRM_220151104T150229_20151104T151602_C001	Error (Retracker 2)	
Error (Retracker 2)  CS_OFFL_SIR_LRM_2_20151104T161038_20151104T16123T_C001  CS_OFFL_SIR_LRM_2_20151104T161948_20151104T163459_C001  CS_OFFL_SIR_LRM_2_20151104T163701_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T163701_20151104T164625_C001  CS_OFFL_SIR_LRM_2_20151104T170752_20151104T172545_C001  CS_OFFL_SIR_LRM_2_20151104T170752_20151104T172545_C001  CS_OFFL_SIR_LRM_2_20151104T175941_20151104T181404_C001  CS_OFFL_SIR_LRM_2_20151104T175941_20151104T185042_C001  CS_OFFL_SIR_LRM_2_20151104T185206_20151104T185042_C001  CS_OFFL_SIR_LRM_2_20151104T185206_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T185206_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193932_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193933_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193933_20151104T204625_C001	CS_OFFL_SIR_LRM_220151104T152924_20151104T154738_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2) and a height error (Retracker 2). Height Error (Retracker 2) and a height error (Retracker 2) and a height error (Retracker 2). Height Error (Retracker 2) and a height error (Retracker 2). Height Error (Retracker 2) and a height error (Retracker 2). Backscatter Error (Ret	CS_OFFL_SIR_LRM_220151104T154845_20151104T160225_C001		
CS_OFFL_SIR_LRM_2_20151104T16349_C001  CS_OFFL_SIR_LRM_2_20151104T170752_20151104T172545_C001  CS_OFFL_SIR_LRM_2_20151104T170752_20151104T172545_C001  CS_OFFL_SIR_LRM_2_20151104T175941_20151104T181404_C001  CS_OFFL_SIR_LRM_2_20151104T184854_20151104T185042_C001  CS_OFFL_SIR_LRM_2_20151104T18506_20151104T190711_C001  CS_OFFL_SIR_LRM_2_20151104T18206_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T19237_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T19237_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T19237_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T19257_C001  CS_OFFL_SIR_LRM_2_20151104T192340_20151104T19257_C001  CS_OFFL_SIR_LRM_2_20151104T192340_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193930_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193030_20151104T195755_C001  CS_OFF	CS_OFFL_SIR_LRM_220151104T161038_20151104T161237_C001		·
CS_OFFL_SIR_LRM_2_20151104T170752_20151104T172545_C001  CS_OFFL_SIR_LRM_2_20151104T175941_20151104T18404_C001  CS_OFFL_SIR_LRM_2_20151104T184854_20151104T185042_C001  CS_OFFL_SIR_LRM_2_20151104T185206_20151104T192711_C001  CS_OFFL_SIR_LRM_2_20151104T185206_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T192715_20151104T192927_C001  CS_OFFL_SIR_LRM_2_20151104T192715_20151104T192927_C001  CS_OFFL_SIR_LRM_2_20151104T192715_20151104T192927_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T192555_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193503_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T033503_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T033503_20151104T195755_C001  Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  From (Retracker 2)  Records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error	CS_OFFL_SIR_LRM_220151104T161948_20151104T163459_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_2_20151104T170752_20151104T181404_C001  CS_OFFL_SIR_LRM_2_20151104T184854_20151104T185042_C001  CS_OFFL_SIR_LRM_2_20151104T185206_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T19297_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001	CS_OFFL_SIR_LRM_220151104T163701_20151104T164625_C001	Error (Retracker 2)	
CS_OFFL_SIR_LRM_2_20151104T18544_20151104T185042_C001  CS_OFFL_SIR_LRM_2_20151104T18506_20151104T190711_C001  CS_OFFL_SIR_LRM_2_20151104T185206_20151104T190711_C001  CS_OFFL_SIR_LRM_2_20151104T191240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T191240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T192715_20151104T192927_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T192927_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T1939322_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T193933_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T1939322_20151104T193535_C001  CS_OFFL_SIR_LRM_2_20151104T1939322_20151104T193535_C001	CS_OFFL_SIR_LRM_220151104T170752_20151104T172545_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20151104T185206_20151104T192339_C001  Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker	CS_OFFL_SIR_LRM_220151104T175941_20151104T181404_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T19240_20151104T192339_C001  CS_OFFL_SIR_LRM_2_20151104T192715_20151104T192927_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T193555_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  Error (Retracker 2)  Height Error (Retracker 2), Backscatter  Error (Retracker 2)  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error for Retracker 2 and a height error for Retracker 3 for one or more records	CS_OFFL_SIR_LRM_220151104T184854_20151104T185042_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_2_20151104T19292T_C001  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T19292T_C001  Surface Model Unavailable  No DEM or Slope Model was used for the location of one or more records  CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  Error (Retracker 2)  Surface Model Unavailable  No DEM or Slope Model was used for the location of one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error for Retracker 2 and a height error for Retracker 3 for one or more records	CS_OFFL_SIR_LRM_220151104T185206_20151104T190711_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_2_20151104T192946_20151104T193531_C001  Surface Model Unavailable  No DEM or Slope Model was used for the location of one or more records  There is a height and backscatter error for Retracker 2 for one or more records  Height Error (Retracker 2), Height Error  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T204625_C001  CS_OFFL_SIR_LRM_2_20151104T193922_20151104T204625_C001	CS_OFFL_SIR_LRM_220151104T191240_20151104T192339_C001		
CS_OFFL_SIR_LRM_2_20151104T193922_20151104T195755_C001  Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3	CS_OFFL_SIR_LRM_220151104T192715_20151104T192927_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3 for one or more records	CS_OFFL_SIR_LRM_220151104T192946_20151104T193531_C001		·
CS_OFFL_SIR_LRM_2_20151104T203503_20151104T204625_C001 (Retracker 3), Backscatter Error for Retracker 2 and a neight and backscatter error for Retracker 2 and a neight error for Retracker 3 for one or more records	CS_OFFL_SIR_LRM_220151104T193922_20151104T195755_C001	Error (Retracker 2)	
	CS_OFFL_SIR_LRM_220151104T203503_20151104T204625_C001	(Retracker 3), Backscatter Error	

CS OFFI CID LDM 2 204544047244020 204544047244605 C004	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_220151104T211839_20151104T214605_C001	(Retracker 2) Height Error (Retracker 2), Height Error	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20151104T220923_20151104T224021_C001	(Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220151104T232120_20151104T232318_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_220151104T234800_20151105T002044_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SIN_220151104T011354_20151104T011803_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T012336_20151104T012501_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T020317_20151104T020716_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T025128_20151104T025305_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T030129_20151104T030311_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T033947_20151104T034125_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T034518_20151104T034613_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T043033_20151104T043215_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T043749_20151104T043756_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T043921_20151104T044137_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T052314_20151104T052527_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_220151104T060936_20151104T061128_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T061647_20151104T061653_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T061703_20151104T061710_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151104T061815_20151104T062258_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS OFFL SIR SIN 2 20151104T070910 20151104T070944 C001	SARIn X-track Angle Error, Surface Model Unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_220151104T074941_20151104T075212_C001	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_220151104T075545_20151104T075551_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220151104T075931_20151104T080120_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220151104T092823_20151104T092955_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS OFFL SIR SIN 2 20151104T093459 20151104T093505 C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220151104T093833 _20151104T094007_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220151104T111531_20151104T111652_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220151104T120646_20151104T120709_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 2 20151104T120721 20151104T120741 C001	Model Unavailable SARIn X-track Angle Error, Surface	Model was used for one or more records  An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_2_20151104T124753_20151104T124916_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_2_20151104T125425_20151104T125733_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20151104T142838_20151104T143124_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220151104T143328_20151104T143855_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS OFFL SIR SIN 2 20151104T161237 20151104T161351 C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS OFFL SIR SIN 2 20151104T161739 20151104T161919 C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20151104T170324_20151104T170435_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20151104T170554_20151104T170751_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_201511041170594_201511041170791_C001  CS_OFFL_SIR_SIN_2_201511041174521_201511041174849_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_201511041174521_201511041174649_C001  CS_OFFL_SIR_SIN_2_201511041175641_201511041175828_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS OFFL SIR 2 20151104T173041_20131104T173026_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_220151104T184428_20151104T184423_C001  CS_OFFL_SIR_SIN_220151104T184428_20151104T184734_C001	Model Unavailable SARIn X-track Angle Error, Surface	Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope
	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_2_20151104T192526_20151104T192715_C001	_	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20151104T192927_20151104T192946_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20151104T193531_20151104T193752_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_20151104T201619_20151104T201635_C001	Model Unavailable SARIn X-track Angle Error, Surface	Model was used for one or more records  An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_220151104T201732_20151104T201806_C001	Model Unavailable	Model was used for one or more records  An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20151104T210458_20151104T210637_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20151104T210750_20151104T210924_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220151104T211351_20151104T211638_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220151104T224458_20151104T224834_C001	SARIn X-track Angle Error	records

CS\_OFFL\_SIR\_SIN\_2\_\_20151104T225411\_20151104T225526\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151104T233530\_20151104T233558\_C001 SARIn X-track Angle Error

An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records

SARIn X-track Angle Error, Surface Model Unavailable