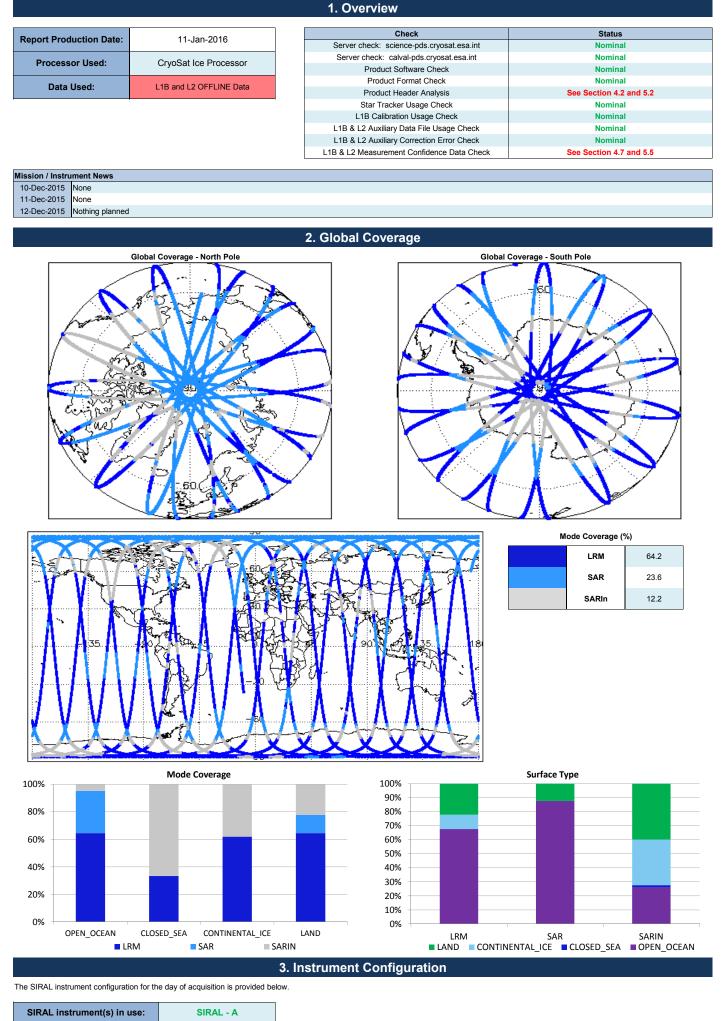


IDEAS+ Daily Report for OFFLINE data:

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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: 5

Product	Test Failed
CS_OFFL_SIR_SAR_1B_20151211T022415_20151211T022417_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20151211T022159_20151211T022200_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20151211T084331_20151211T084335_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20151211T004239_20151211T004240_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SIN_1B_20151211T134349_20151211T134351_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

4.3 Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing. Number of products with errors: 0

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: 0

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: 0

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:
0

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:
4

Product	Test Failed
CS_OFFL_SIR_SIN_220151211T134349_20151211T134351_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220151211T022415_20151211T022417_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220151211T004239_20151211T004240_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220151211T084331_20151211T084333_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0

5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (field 30) for each measurement record. The bit value of this flag indicates any problems when set. Number of products with errors: 0

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: 111

CS_OFFL_SIR_LRM_2_201512107235336_20151211T000406_C001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for cords CS_OFFL_SIR_LRM_2_20151211T000523_20151211T001812_C001 Retracker 2), Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 ar for Retracker 2, and for Retracker 2,	nd a height error r one or more nd a height error or more records r one or more r one or more nd a height error r one or more nd a height error r one or more nd a height error r one or more
CS_OFFL_SIR_LRM_2_201512117000523_201512117001812_C001 (Petracker 2) CS_OFFL_SIR_LRM_2_201512117002742_201512117002746_C001 (Petracker 2) Bight Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2) CS_OFFL_SIR_LRM_2_201512117012400_20151211701621_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one error or Retracker 2 at for Retracker 2) CS_OFFL_SIR_LRM_2_20151211701444_20151211701630_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one error or Retracker 2 at for Retracker 2) CS_OFFL_SIR_LRM_2_201512117013444_20151211702502_C001 Height Error (Retracker 2) There is a height and backscatter error for Retracker 2 for records CS_OFFL_SIR_LRM_2_201512117024008_20151211702502_C001 Height Error (Retracker 2) There is a height and backscatter error for Retracker 2 at	r one or more Ind a height error or more records r one or more r one or more ind a height error r one or more
CS_OFFL_SIR_LRM_2_20151211T002742_20151211T002746_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Error (Retracker 2), Backscatter Error (Retracker 2), Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error for Retracker 2 for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20151211T031142_20151211T032625_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2 for Retracker 2) CS_OFFL_SIR_LRM_2_20151211T03284_2015 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retra	nd a height error or more records r one or more nd a height error nd a height error r one or more nd a height error r one or more nd a height error
CS_OFFL_SIR_LRM_2_20151211T014334_20151211T011621_C001 (Retracker 3), Backscatter Error (Retracker 2) Interests a height and backscatter error for Retracker 2 and for Retracker 3 and backscatter error for Retracker 2 and for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20151211T022512_20151211T023804_C001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatt	or more records r one or more r one or more nd a height error r one or more nd a height error r one or more nd a height error r one or more
CS_OFFL_SIR_LRM_2_20151211T013444_20151211T014713_C001Height Error (Retracker 2), Backscatter Error (Retracker 2)There is a height and backscatter error for Retracker 2 for recordsCS_OFFL_SIR_LRM_2_20151211T022512_20151211T023804_C001Height Error (Retracker 2), Height Error (Retracker 2)There is a height and backscatter error for Retracker 2 and for Retracker 3 for one or more recordsCS_OFFL_SIR_LRM_2_20151211T024008_20151211T025518_C001Height Error (Retracker 2), Height Error (Retracker 2)There is a height and backscatter error for Retracker 2 and for Retracker 3 for one or more recordsCS_OFFL_SIR_LRM_2_20151211T031142_20151211T032625_C001Height Error (Retracker 2), Backscatter Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error 	r one or more r one or more nd a height error nd a height error r one or more nd a height error r one or more
CS_OFFL_SIR_LRM_2_201512111013444_201512111014713_C001Error (Retracker 2)recordsCS_OFFL_SIR_LRM_2_201512111014747_20151211102502_C001Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error 	r one or more nd a height error nd a height error r one or more nd a height error r one or more
CS_OFFL_SIR_LRM_2_20151211102512_201512111023804_C001Error (Retracker 2)recordsCS_OFFL_SIR_LRM_2_201512111022512_201512111023804_C001Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error 	nd a height error nd a height error r one or more nd a height error r one or more
CS_OFFL_SIR_LRM_2_20151211T022512_20151211T023804_C001 (Retracker 3), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 ar for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20151211T024008_20151211T025518_C001 (Retracker 2), Height Error (Retracker 2) There is a height and backscatter error for Retracker 2 ar for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20151211T031142_20151211T032625_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2) There is a height and backscatter error for Retracker 2 for records CS_OFFL_SIR_LRM_2_20151211T032841_20151211T034035_C001 (Retracker 2), Height Error (Retracker 2) There is a height and backscatter error for Retracker 2 ar for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20151211T044841_20151211T034035_C001 Height Error (Retracker 2), Height Error (Retracker 2) There is a height and backscatter error for Retracker 2 ar for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20151211T044841_20151211T050012_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2) There is a height and backscatter error for Retracker 2 ar for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20151211T050541_20151211T051521_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for records CS_OFFL_SIR_LRM_2_20151211T055240_C001 Height Error (Retracker 2), Backscatter There i	nd a height error r one or more nd a height error r one or more
CS_OFFL_SIR_LRM_2_20151211T024008_20151211T025518_C001 (Retracker 3), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 or for Retracker 3), Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2_20151211T031142_20151211T032625_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error for Retracker 2 for records	r one or more nd a height error r one or more
CS_OFFL_SIR_LRM_2_20151211T031142_20151211T034035_C001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20151211T032841_20151211T034035_C001 Height Error (Retracker 2), Height Error (Retracker 2), Getracker 2) There is a height and backscatter error for Retracker 2 ar for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20151211T041931_20151211T043428_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2) There is a height and backscatter error for Retracker 2 for records CS_OFFL_SIR_LRM_2_20151211T044841_20151211T050012_C001 Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2) There is a height and backscatter error for Retracker 2 for records CS_OFFL_SIR_LRM_2_20151211T050541_20151211T051521_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2) There is a height and backscatter error for Retracker 2 for records CS_OFFL_SIR_LRM_2_20151211T055242_20151211T055340_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for records CS_OFFL_SIR_LRM_2_20151211T055222_20151211T055340_C001 Height Error (Retracker 2), Backscatter Error for Retracker 2 for records	nd a height error r one or more
CS_OFFL_SIR_LRM_2_20151211T032841_20151211T034035_C001 (Retracker 3), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 and for Retracker 3, Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2_20151211T044841_20151211T050012_C001 Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error Retracker 2 for records	r one or more
CS_OFFL_SIR_LRM_2_20151211T044931_20151211T050012_C001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20151211T044841_20151211T050012_C001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 ar for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20151211T050541_20151211T051521_C001 Error (Retracker 2), Backscatter Error (Retra	
CS_OFFL_SIR_LRM_2_20151211T044841_20151211T050012_C001 (Retracker 3), Backscatter Error (Retracker 2) Interests a neight and backscatter error for Retracker 2 and for Retracker 3), Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2_20151211T050541_20151211T051521_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for records CS_OFFL_SIR_LRM_2_20151211T055222_20151211T055340_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for records	
CS_OFFL_SIR_LRM_2_201512111055222_201512111055340_C001 Error (Retracker 2) Height Error (Retracker 2), Backscatter error for Retracker 2 for records records error (Retracker 2) records error (Retracker 2) height error (Retracker 2) heigh	nd a height error
CS_OFFL_SIR_LRM_2201512111055222_201512111055340_C001 Error (Retracker 2) records	
CS_OFFL_SIR_LRM_2_20151211T055502_20151211T061105_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) records	
CS_OFFL_SIR_LRM_2_20151211T061115_20151211T061338_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for records	one or more
CS_OFFL_SIR_LRM_2_20151211T062127_20151211T062454_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one	
CS_OFFL_SIR_LRM_2_20151211T062754_20151211T063925_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for records	one or more
CS_OFFL_SIR_LRM_2_20151211T064455_20151211T065510_C001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retrack	nd a height error
CS_OFFL_SIR_LRM_2_20151211T072744_20151211T075241_C001 Height Error (Retracker 2), Backscatter Error for Retracker 2 for records records	
CS_OFFL_SIR_LRM_2_20151211T082409_20151211T084200_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for records	
CS_OFFL_SIR_LRM_2_20151211T085423_20151211T085624_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for records	one or more
CS_OFFL_SIR_LRM_2_20151211T090451_20151211T090808_C001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retrack	nd a height error
CS_OFFL_SIR_LRM_2_20151211T093519_20151211T094050_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one	or more records
CS_OFFL_SIR_LRM_2_20151211T094730_20151211T102047_C001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retrack	nd a height error
CS_OFFL_SIR_LRM_2_20151211T103341_20151211T103510_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for records	one or more
CS_OFFL_SIR_LRM_2_20151211T104403_20151211T104656_C001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retrack	nd a height error
CS_OFFL_SIR_LRM_2_20151211T104839_20151211T110946_C001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retrack	nd a height error
CS_OFFL_SIR_LRM_2_20151211T111437_20151211T111946_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one	or more records
CS_OFFL_SIR_LRM_2_20151211T112607_20151211T115948_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for records	
CS_OFFL_SIR_LRM_2_20151211T122437_20151211T124719_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for records	one or more
CS_OFFL_SIR_LRM_2_20151211T125655_20151211T125849_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one	
CS_OFFL_SIR_LRM_2_20151211T130604_20151211T132311_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) records	
CS_OFFL_SIR_LRM_2_20151211T132753_20151211T133643_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for records	one or more
CS_OFFL_SIR_LRM_2_20151211T135455_20151211T141218_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) a height and backscatter error for Retracker 2 for records	
CS_OFFL_SIR_LRM_2_20151211T141405_20151211T142820_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for records	

CS_OFFL_SIR_LRM_220151211T144456_20151211T150018_C001
CS_OFFL_SIR_LRM_220151211T150219_20151211T151145_C001
CS_OFFL_SIR_LRM_220151211T153846_20151211T155104_C001
CS_OFFL_SIR_LRM_220151211T155642_20151211T160454_C001
CS_OFFL_SIR_LRM_220151211T160554_20151211T161017_C001
CS_OFFL_SIR_LRM_220151211T161355_20151211T162204_C001
CS_OFFL_SIR_LRM_220151211T162443_20151211T163956_C001
CS_OFFL_SIR_LRM_220151211T172249_20151211T173230_C001
CS_OFFL_SIR_LRM_220151211T173800_20151211T174931_C001
CS_OFFL_SIR_LRM_220151211T175520_20151211T180043_C001
CS_OFFL_SIR_LRM_220151211T180355_20151211T182621_C001
CS_0FFL_SIR_LRM_2_20151211T190026_20151211T191143_C001
CS_OFFL_SIR_LRM_220151211T191713_20151211T192725_C001
CS_OFFL_SIR_LRM_220151211T194308_20151211T201038_C001
CS_OFFL_SIR_LRM_2_20151211T201841_20151211T202044_C001
CS_OFFL_SIR_LRM_220151211T203408_20151211T210645_C001
CS_OFFL_SIR_LRM_220151211T214643_20151211T214931_C001
CS_OFFL_SIR_LRM_220151211T215101_20151211T215109_C001
CS_OFFL_SIR_LRM_220151211T215753_20151211T215755_C001
CS_OFFL_SIR_LRM_220151211T221318_20151211T222341_C001
CS_OFFL_SIR_LRM_220151211T222442_20151211T2224641_C001
CS_OFFL_SIR_LRM_220151211T230256_20151211T232817_C001
CS_OFFL_SIR_SIN_220151211T002822_20151211T003234_C001
CS_OFFL_SIR_SIN_220151211T011651_20151211T011812_C001
CS_OFFL_SIR_SIN_220151211T012630_20151211T012817_C001
CS_OFFL_SIR_SIN_220151211T020502_20151211T020631_C001
CS_OFFL_SIR_SIN_220151211T020733_20151211T020853_C001
CS_OFFL_SIR_SIN_220151211T021037_20151211T021139_C001
CS_OFFL_SIR_SIN_220151211T025557_20151211T025739_C001
CS_OFFL_SIR_SIN_220151211T030309_20151211T030316_C001
CS_OFFL_SIR_SIN_220151211T030438_20151211T030703_C001
CS_OFFL_SIR_SIN_220151211T034459_20151211T034800_C001
CS_OFFL_SIR_SIN_220151211T034831_20151211T035042_C001
CS_OFFL_SIR_SIN_220151211T043441_20151211T043702_C001
CS_OFFL_SIR_SIN_220151211T044208_20151211T044213_C001
CS_OFFL_SIR_SIN_220151211T044340_20151211T044803_C001
CS_OFFL_SIR_SIN_220151211T053416_20151211T053450_C001
CS_OFFL_SIR_SIN_220151211T061458_20151211T061730_C001
CS_OFFL_SIR_SIN_220151211T062105_20151211T062112_C001
CS_OFFL_SIR_SIN_220151211T062455_20151211T062637_C001
CS_OFFL_SIR_SIN_220151211T075352_20151211T075520_C001
CS_OFFL_SIR_SIN_220151211T080018_20151211T080025_C001
CS_OFFL_SIR_SIN_220151211T080354_20151211T080533_C001
CS_OFFL_SIR_SIN_220151211T085237_20151211T085259_C001
CS_OFFL_SIR_SIN_220151211T093400_20151211T093518_C001
CS_OFFL_SIR_SIN_220151211T094050_20151211T094407_C001

Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
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)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
(Retracker 2) Height Error (Retracker 2), Backscatter	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2)	records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
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SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
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
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
SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
SARIn X-track Angle Error, Surface	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
SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
SARIN X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
SARIN X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
SARIn X-track Angle Error, Surface	records An ambiguous angle was detected for SARIn mode and no DEM or Slope
Model Unavailable	Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
SARIN X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
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
Model Unavailable	Model was used for one or more records

CS_OFFL_SIR_SIN_220151211T111323_20151211T111437_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T111946_20151211T112300_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T125419_20151211T125655_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T125850_20151211T130429_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T134937_20151211T135238_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T135257_20151211T135444_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T143256_20151211T143555_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T143800_20151211T143858_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T144303_20151211T144439_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T152846_20151211T152953_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T153050_20151211T153154_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T161147_20151211T161355_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T162205_20151211T162352_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T170800_20151211T171350_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_220151211T175052_20151211T175239_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T175444_20151211T175520_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T180044_20151211T180314_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151211T184125_20151211T184151_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_220151211T184253_20151211T184317_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