



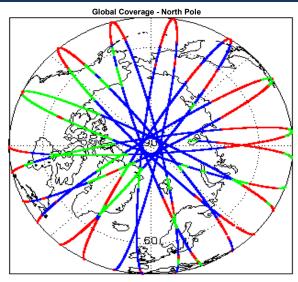
1. Overview

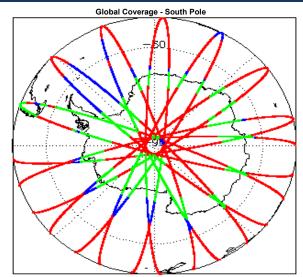
Report Production Date:	28-Apr-2016	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

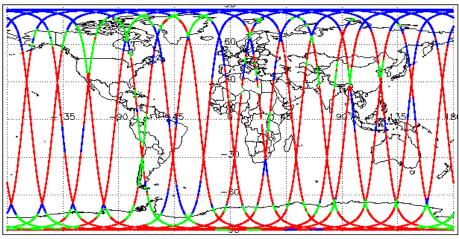
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2 and 5.2
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary 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

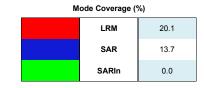
Mission / Instrument News		
29-Mar-2016	None	
30-Mar-2016	None	
31-Mar-2016	Nothing planned	

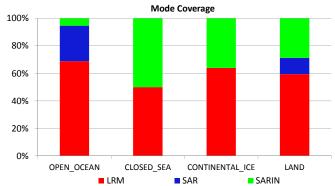
2. Global Coverage

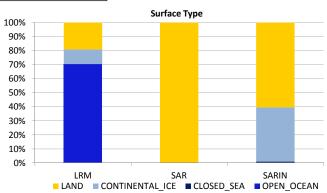












3. Instrument Configuration

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

SIRAL - A
SIRAL

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:

Product	Test Failed
CS_OFFL_SIR_SAR_1B_20160330T181653_20160330T181654_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20160330T080430_20160330T080432_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20160330T080436_20160330T080437_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:

4.4 L1B Calibration Usage Check

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

lumber of products with errors:

4.5 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.6 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.7 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_SAR_220160330T080430_20160330T080432_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:

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_2_20160330T001716_20160330T004151_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 for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160330T004851_20160330T005219_C001	(Retracker 2) Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20160330T005439_20160330T012329_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 for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160330T015121_20160330T022112_C001	(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
CS_OFFL_SIR_LRM_220160330T022750_20160330T023118_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160330T023409_20160330T024554_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_220160330T025130_20160330T030910_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_220160330T033339_20160330T034055_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160330T035429_20160330T040101_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_220160330T041325_20160330T044733_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_220160330T051147_20160330T051201_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_220160330T051223_20160330T051418_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20160330T051601_20160330T054021_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_220160330T054201_20160330T054710_C001	Surface Model Unavailable Height Error (Retracker 2), Height Error	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20160330T055230_20160330T062707_C001	(Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20160330T065145_20160330T071441_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_220160330T072415_20160330T072613_C001	Surface Model Unavailable Height Error (Retracker 2), Height Error	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160330T073302_20160330T075034_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_220160330T075514_20160330T080225_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_220160330T082223_20160330T083957_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_220160330T084128_20160330T085530_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20160330T091204_20160330T092742_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Height Error (Retracker 3	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_220160330T092943_20160330T093906_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160330T100657_20160330T101807_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20160330T102516_20160330T102703_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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_220160330T103406_20160330T103819_C001	Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160330T104125_20160330T104927_C001	Surface Model Unavailable Height Error (Retracker 2), Backscatter	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
CS_OFFL_SIR_LRM_220160330T105118_20160330T110650_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160330T114337_20160330T115419_C001	Error (Retracker 2), Backscatter Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20160330T115422_20160330T121731_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_2_20160330T122002_20160330T122210_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20160330T122238_20160330T122812_C001 CS_OFFL_SIR_LRM_2_20160330T123037_20160330T125557_C001	Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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 and a height error
CS OFFL SIR LRM 2 20160330T132817 20160330T133908 C001	(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
CS OFFL SIR LRM 2 20160330T134445 20160330T135627 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_220160330T140931_20160330T143830_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_220160330T144645_20160330T144732_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160330T150143_20160330T153544_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	records There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160330T162543_20160330T162739_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	records There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20160330T164059_20160330T171509_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160330T172716_20160330T175029_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_220160330T181911_20160330T185253_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160330T190040_20160330T190436_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20160330T190637_20160330T194252_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20160330T200230_20160330T200957_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

Company Part Company		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Comparison Com	CS_OFFL_SIR_LRM_220160330T201438_20160330T203222_C001	Error (Retracker 2)	records
For Character 2) For Characte	CS_OFFL_SIR_LRM_220160330T204959_20160330T210258_C001	Error (Retracker 2)	records
Co. On 1, Sec. 1981. 2, 20000000110402, 20100000112030, CO. On 1981.	CS_OFFL_SIR_LRM_220160330T210512_20160330T211708_C001	Error (Retracker 2)	
Co. OH 1, SH LEV 2, 2010000712001 (20109 201000 10000 2010) CO. OH 1, SH LEV 2, 2010000712001 (20109 201000 10000 2010) CO. OH 1, SH LEV 2, 2010000712001 (20109 201000 10000 2010) CO. OH 1, SH LEV 2, 2010000712001 (20109 201000 10000 2010) CO. OH 1, SH LEV 2, 2010000712001 (201000 10000 2010) CO. OH 1, SH LEV 2, 2010000712001 (201000 10000 2010) CO. OH 1, SH LEV 2, 2010000712001 (201000 10000 2010) CO. OH 1, SH LEV 2, 2010000712001 (201000 10000 2010) CO. OH 1, SH LEV 2, 2010000712000 (201000 100000 2010) CO. OH 1, SH LEV 2, 2010000712000 (201000 10000 2010) CO. OH 1, SH LEV 2, 2010000712000 (201000 100000 2010) CO. OH 1, SH LEV 2, 2010000712000 (201000 100000 2010) CO. OH 1, SH LEV 2, 2010000712000 (201000 100000 2010) CO. OH 1, SH LEV 2, 2010000712000 (201000 100000 2010) CO. OH 1, SH LEV 2, 2010000712000 (201000 100000 2010) CO. OH 2, SH LEV 2, 2010000712000 (2010000 100000 2010) CO. OH 2, SH LEV 2, 2010000712000 (201000 100000 2010) CO. OH 2, SH LEV 2, 2010000712000 (201000 100000 201000) CO. OH 2, SH LEV 2, 2010000712000 (201000 100000 20100) CO. OH 2, SH LEV 2, 2010000712000 (201000 100000 2010000 201000 201000 201000 201000 201000 201000 201000 201000 2010000 201000 201000 201000 201000 201000 201000 201000 201000 2010000 201000 201000 201000 201000 201000 201000 201000 201000 2010000 2010000 2010000 2010000 2010000 2010000 2010000 2010000 2010000 2010000 2010000 2010000 20100000 20100000 20100000 20100000 2010000000 20100000000	CS_OFFL_SIR_LRM_220160330T214432_20160330T215458_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
Septimental 27 1. Septimental 2	CS_OFFL_SIR_LRM_220160330T215637_20160330T221139_C001		•
Comp. Fig. Big. 2.0000000000000000000000000000000000	CS_OFFL_SIR_LRM_220160330T223515_20160330T223903_C001		· ·
Co., OFF., BR. 18.4.2 2.0100307103912 2.0103307103002 CO.	CS_OFFL_SIR_LRM_220160330T224559_20160330T224850_C001		
Co., CPT_, SRI, SRI, 2_216333776458_2016333776458_C001 CR., CPT_, SRI, SRI, 2_216333776458_201633776458_C001 CR., CPT_, SRI, SRI, 2_216333776458_201633776458_C001 CR., CPT_, SRI, SRI, 2_216333776458_201633776458_C001 CR., CPT_, SRI, SRI, 2_216333776458_C001 CR., CPT_, SRI, SRI, 2_2163337764	CS_OFFL_SIR_LRM_220160330T225012_20160330T225722_C001	(Retracker 3), Backscatter Error	
Section Sect	CS_OFFL_SIR_LRM_220160330T232533_20160330T235034_C001	(Retracker 3), Backscatter Error	
Soft, Set Sin V_2 2016030106469 2016030106450 0001 Soft, Set Sin V_2 2016030106469 2016030106460 0001 Soft, Set Sin V_2 2016030106410 2016030106460 0001 Soft, Set Sin V_2 2016030106410 201603010640 0001 Soft, Set Sin V_2 201603010640 2016	CS_OFFL_SIR_SIN_220160330T004225_20160330T004500_C001	SARIn X-track Angle Error	
Co. CHE, SIR SIN 2, 20000001002112 201600001002212 C001 ASARIn Area Angle Error An area glassas angle was denoted for SARAn mode for one or more received. SC OFF, SIR SIN 2, 201600001002112 201600001002212 C001 ASARIn Area Angle Error An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one or more received. An area glassas angle was denoted for SARAn mode for one o	CS_OFFL_SIR_SIN_220160330T004829_20160330T004836_C001	SARIn X-track Angle Error	
SATIR AFRICA 20160307703519_20160307703510_20160307703526_001 SATIR AFRICA Angle Error SATIR AFRICA 20160307703519_20160307703526_001 SATIR AFRICA 20160307703519_20160307703526_001 SATIR AFRICA 20160307703519_20160307703526_001 SATIR AFRICA 201603077036914_20160307703526_001 SATIR AFRICA 201603077036914_20160307703526_001 SATIR AFRICA 201603077036914_20160307703526_001 SATIR AFRICA 201603077036914_20160307703526_001 SATIR AFRICA 201603077036914_20160307703510_001 SATIR AFRICA 201603077036914_2016030770319_001 SATIR AFRICA 201603077036914_2016030770319_001 SATIR AFRICA 201603077036914_2016030770319_001 SATIR AFRICA 201603077036914_2016030770319_001 SATIR AFRICA 2016030770319_001603070370319_001 SATIR AFRICA 2016030770319_001603070370319_001 SATIR AFRICA 2016030770319_001603070370319_001 SATIR AFRICA 2016030770319_001603070370319_00160	CS_OFFL_SIR_SIN_220160330T004846_20160330T004851_C001	SARIn X-track Angle Error	
Sci. PSPL SIRL SIRL 2. 201003307103118.201003307103255. COID SARIIN KIRRAS Angle Error SARIIN KIRRAS	CS_OFFL_SIR_SIN_220160330T005219_20160330T005403_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
CS_CPT_SIR_SIR_2_20163337109182_016333710918_0000000000000000000000000000000000	CS_OFFL_SIR_SIN_2_20160330T022112_20160330T022242_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
SAPIN: Kritisch Angle Error SAPIN: Kritisch	CS_OFFL_SIR_SIN_220160330T023118_20160330T023255_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
Co. CFFL_SIR_SIN_2_20160000T040142_00160000T040142_0010 SARIN_Krisck Angle Error SARIN_Krisck	CS_OFFL_SIR_SIN_220160330T031958_20160330T032023_C001		An ambiguous angle was detected for SARIn mode and no DEM or Slope
S. OFF_SIR_SIN_2_201603301704094_2016033017050919_0.001 SARIN X:reax Angle Error An embriguous angle was delected for SARIn mode for one or more records SARIN X:reax Angle Error SARIN X:reax Angle			An ambiguous angle was detected for SARIn mode for one or more
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Soften, Sirk, Sirk, 2_201603301103604_20160330	CS_OFFL_SIR_SIN_220160330T081701_20160330T082152_C001	SARIn X-track Angle Error	records
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SARIN X-track Angle Error SARIN X-track Angle E	CS_OFFL_SIR_SIN_220160330T121813_20160330T122002_C001	SARIn X-track Angle Error	
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	CS_OFFL_SIR_SIN_220160330T194705_20160330T194813_C001	SARIn X-track Angle Error	

CS_OFFL_SIR_SIN_220160330T203222_20160330T203401_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160330T204137_20160330T204332_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160330T212511_20160330T212727_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_220160330T221139_20160330T221327_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160330T221849_20160330T221855_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160330T2222010_20160330T2222703_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160330T230054_20160330T230606_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_220160330T235044_20160330T235340_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160330T235747_20160330T235754_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records