



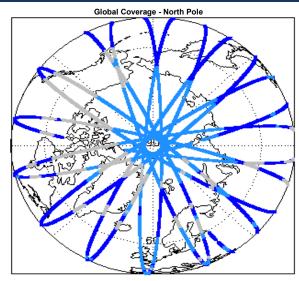
1. Overview

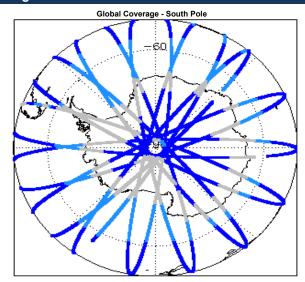
Report Production Date:	10-Nov-2015	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

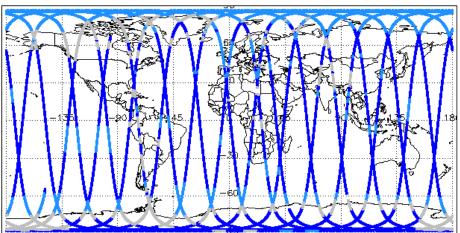
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	Nominal
L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5

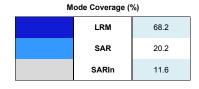
Mission / Instrument News	
10-Oct-2015	None
11-Oct-2015	None
12-Oct-2015	Nothing planned

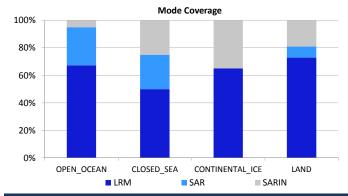
2. Global Coverage

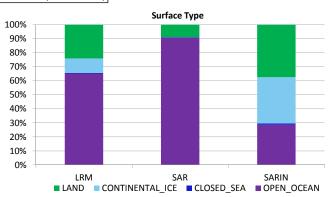












3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
SINAL IIIstrument(s) in use.	SINAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_SAR_1B_20151011T190009_20151011T190009_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

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_20151011T051724_20151011T053016_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20151011T071730_20151011T072441_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20151011T084845_20151011T090602_C001	IECDO EFFOR LEK ECDO EFFOR	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.

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220151011T001810_20151011T002158_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_220151011T004122_20151011T004332_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_20151011T005306_20151011T005547_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_220151011T010755_20151011T014044_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_220151011T015823_20151011T021746_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_220151011T024403_20151011T031930_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_220151011T032800_20151011T033157_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220151011T033717_20151011T040256_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_220151011T040313_20151011T041045_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_220151011T042412_20151011T043720_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_220151011T044202_20151011T045845_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_20151011T051724_20151011T053016_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_20151011T053230_20151011T055120_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_2_20151011T061154_20151011T062221_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_2_20151011T062400_20151011T063734_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_2_20151011T070324_20151011T070612_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_220151011T071357_20151011T071607_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_220151011T071730_20151011T072441_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_220151011T072604_20151011T072816_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_220151011T075622_20151011T075833_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_220151011T080008_20151011T081627_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_220151011T084845_20151011T090602_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_220151011T092045_20151011T092147_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_20151011T093413_20151011T095532_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_220151011T100428_20151011T100753_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220151011T102759_20151011T104325_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_220151011T105743_20151011T105803_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_220151011T105931_20151011T105946_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_20151011T110653_20151011T112917_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_220151011T113853_20151011T114700_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220151011T115232_20151011T122423_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_220151011T123639_20151011T123838_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_220151011T123854_20151011T123949_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_220151011T124845_20151011T125050_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_220151011T125751_20151011T130711_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_20151011T133106_20151011T135157_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_220151011T135442_20151011T140630_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_220151011T141537_20151011T142018_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_20151011T142746_20151011T144053_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_220151011T144241_20151011T145226_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_220151011T145947_20151011T150248_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220151011T151003_20151011T154503_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_20151011T155906_20151011T160601_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_220151011T160615_20151011T163026_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_220151011T164921_20151011T170615_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
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SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T034373_20151011T034305_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T044444_20151011T041143_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T04444_20151011T041534_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T045943_20151011T050123_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T050859_20151011T050151_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T050859_20151011T050510_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T05231_20151011T05448_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T05231_20151011T05448_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T064904_20151011T064904_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T064904_20151011T073328_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T064904_20151011T073328_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T064904_20151011T064904_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T1064904_20151011T1064904_0001 SARIN X-track Angle Error SOFEL_SIR_SIN_2_20151011T1064904_20151011T1064904_0001 SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Er	CS_OFFL_SIR_SIN_220151011T023504_20151011T023624_C001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20151011T04424_20151011T045142_0001 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 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 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 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 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 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 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 am	CS_OFFL_SIR_SIN_2_20151011T032134_20151011T032408_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20151011T041U42_20151011T064153_C001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error 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 and no DEM or Stope Model Unavailable SARIN X-track Angle Error 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 An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambig	CS_OFFL_SIR_SIN_2_20151011T033157_20151011T033305_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20151011T083943_20151011T083123_C001 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 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error S	CS_OFFL_SIR_SIN_2_20151011T041046_20151011T041143_C001	SARIn X-track Angle Error	records
SARIN X-track Angle Error Anambiguous angle was detected for SARIn mode for one or more records anambiguous angle was detected for SARIn mode for one or more records anambiguous angle was detected for SARIn mode and no DEM or Slope Model Unavailable Congress of the Cong	CS_OFFL_SIR_SIN_2_20151011T041424_20151011T041534_C001	SARIn X-track Angle Error	records
SAPIN X-track Angle Error surface Model Unavailable and anabiguous angle was detected for SARIn mode and no DEM or Slope Model Unavailable and anabiguous angle was detected for SARIn mode and no DEM or Slope Model Unavailable and anabiguous angle was detected for SARIn mode and no DEM or Slope Model Unavailable and anabiguous angle was detected for SARIn mode for one or more records anabiguous angle was detected for SARIn mode for one or more records anabiguous angle was detected for SARIn mode for one or more records anabiguous angle was detected for SARIn mode for one or more records anabiguous angle was detected for SARIn mode for one or more records anabiguous angle was detected for SARIn mode for one or more records anabiguous angle was detected for SARIn mode for one or more records anabiguous angle was detected for SARIn mode and no DEM or Slope Model Unavailable and the stream of the stream	CS_OFFL_SIR_SIN_220151011T045943_20151011T050123_C001	SARIn X-track Angle Error	records
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CS_OFFL_SIR_SIN_2_20151011T1062717_2015011T106486_C001 SARIN X-track Angle Error SARIN X-track Angle	CS_OFFL_SIR_SIN_220151011T055231_20151011T055448_C001		Model was used for one or more records
SARIN X-track Angle Error SARIN X-track Angle E	CS_OFFL_SIR_SIN_220151011T063901_20151011T064048_C001	SARIn X-track Angle Error	records
SARIN X-track Angle Error SARIN X-track Angle E	CS_OFFL_SIR_SIN_220151011T064610_20151011T064616_C001	SARIn X-track Angle Error	records
Sofficial Single 201510111102616_2015101111082056_C001 Sarin X-track Angle Error records An ambiguous angle was detected for Sarin mode for one or more records CS_OFFL_SIR_SIN_2_201510111082514_C001 Sarin X-track Angle Error An ambiguous angle was detected for Sarin mode for one or more records CS_OFFL_SIR_SIN_2_201510111082717_201510111083019_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 for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more 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 records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for one or more records An ambiguous angle was detected for Sarin mode for	CS_OFFL_SIR_SIN_220151011T064731_20151011T065422_C001	•	records
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 for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARIN mode for one or more records An	CS_OFFL_SIR_SIN_220151011T072816_20151011T073328_C001		Model was used for one or more records
CS_OFFL_SIR_SIN_2_20151011T082717_20151011T082019_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 for one	CS_OFFL_SIR_SIN_220151011T081805_20151011T082056_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20151011T1095744_20151011T1095858_C001 CS_OFFL_SIR_SIN_2_20151011T100422_20151011T100428_C001 SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20151011T100422_20151011T100428_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 for one or more records An ambiguous angle was detected for SARIN mode for one or more records An ambiguous angle was detected for SARI	CS_OFFL_SIR_SIN_220151011T082508_20151011T082514_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20151011T100422_20151011T100428_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 for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one	CS_OFFL_SIR_SIN_220151011T082717_20151011T083019_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20151011T100422_20151011T100428_C001 SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20151011T105803_20151011T105930_C001 CS_OFFL_SIR_SIN_2_20151011T105803_20151011T105930_C001 CS_OFFL_SIR_SIN_2_20151011T113729_20151011T113853_C001 CS_OFFL_SIR_SIN_2_20151011T113729_20151011T113853_C001 SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20151011T114700_20151011T114812_C001 SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20151011T113705_20151011T113830_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 for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220151011T095744_20151011T095858_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20151011T105803_20151011T105930_C001 CS_OFFL_SIR_SIN_2_20151011T113729_20151011T113853_C001 CS_OFFL_SIR_SIN_2_20151011T113729_20151011T113853_C001 CS_OFFL_SIR_SIN_2_20151011T113729_20151011T113830_C001 CS_OFFL_SIR_SIN_2_20151011T113705_20151011T113830_C001 CS_OFFL_SIR_SIN_2_20151011T131705_20151011T113830_C001 CS_OFFL_SIR_SIN_2_20151011T1332348_20151011T13830_C001 CS_OFFL_SIR_SIN_2_20151011T132348_20151011T132654_C001 CS_OFFL_SIR_SIN_2_20151011T132348_20151011T132654_C001 CS_OFFL_SIR_SIN_2_20151011T141520_20151011T141537_C001 CS_OFFL_SIR_SIN_2_20151011T141520_20151011T145947_C001 CS_OFFL_SIR_SIN_2_20151011T150248_20151011T145947_C001 CS_OFFL_SIR_SIN_2_20151011T150248_20151011T150625_C001 CS_OFFL_SIR_SIN_2_20151011T150248_20151011T150625_C001 CS_OFFL_SIR_SIN_2_20151011T163726_20151011T164000_C001 CS_OFFL_SIR_SIN_2_20151011T163726_20151011T164000_C001	CS_OFFL_SIR_SIN_220151011T100422_20151011T100428_C001	SARIn X-track Angle Error	records
Model Unavailable Model Unavailable Model Unavailable Model Unavailable Model Unavailable Model Unavailable SARIN X-track Angle Error SARIN X-track Angle Error, Surface Model Unavailable 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 for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220151011T100753_20151011T100911_C001	-	records
CS_OFFL_SIR_SIN_2_20151011T114700_20151011T114812_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 for one or more records An ambiguous angle was detected for SARIN mode for one or more records	CS_OFFL_SIR_SIN_220151011T105803_20151011T105930_C001		Model was used for one or more records
CS_OFFL_SIR_SIN_2_20151011T131705_20151011T131830_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 for one or more records An ambiguous angle was detected for SARIN mode for one or more records	CS_OFFL_SIR_SIN_220151011T113729_20151011T113853_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20151011T132348_20151011T132654_C001 CS_OFFL_SIR_SIN_2_20151011T141520_20151011T141537_C001 CS_OFFL_SIR_SIN_2_20151011T141520_20151011T141537_C001 CS_OFFL_SIR_SIN_2_20151011T145649_20151011T145947_C001 CS_OFFL_SIR_SIN_2_20151011T145649_20151011T145947_C001 CS_OFFL_SIR_SIN_2_20151011T150248_20151011T150625_C001 CS_OFFL_SIR_SIN_2_20151011T150248_20151011T150625_C001 CS_OFFL_SIR_SIN_2_20151011T150248_20151011T150625_C001 CS_OFFL_SIR_SIN_2_20151011T163726_20151011T150625_C001 SARIN X-track Angle Error SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20151011T150248_20151011T150625_C001 SARIN X-track Angle Error 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 for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220151011T114700_20151011T114812_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_20151011T152346_20151011T152634_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 for one or more records	CS_OFFL_SIR_SIN_220151011T131705_20151011T131830_C001	SARIn X-track Angle Error	records
Model Unavailable CS_OFFL_SIR_SIN_2_20151011T145649_20151011T145947_C001 CS_OFFL_SIR_SIN_2_20151011T150248_20151011T150625_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 for one or more	CS_OFFL_SIR_SIN_220151011T132348_20151011T132654_C001	•	records
CS_OFFL_SIR_SIN_2_201510111145649_20151011114594/_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 for one or more	CS_OFFL_SIR_SIN_220151011T141520_20151011T141537_C001		Model was used for one or more records
CS_OFFL_SIR_SIN_2_201510111 150246_201510111 150025_C001 SARIII X-flack Angle Error CS_OFFL_SIR_SIN_2_201510111163726_2015101111164000_C001 SARIII X-flack Angle Error An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220151011T145649_20151011T145947_C001	SARIn X-track Angle Error	records
US OFFE SIR SIN 2 201510111163/26 201510111164000 C001 SARID X-TRACK ADDIE EFFOR		SARIn X-track Angle Error	records
	CS_OFFL_SIR_SIN_220151011T163726_20151011T164000_C001	SARIn X-track Angle Error	•

CS_OFFL_SIR_SIN_220151011T164154_20151011T164425_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T164639_20151011T164818_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T173232_20151011T173352_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T173759_20151011T173916_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T181304_20151011T181842_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T182110_20151011T182136_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T182601_20151011T182740_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T191204_20151011T191414_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T195449_20151011T195626_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T200514_20151011T200720_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T213424_20151011T213551_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T213734_20151011T213838_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T214305_20151011T214529_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151011T231401_20151011T231753_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records