



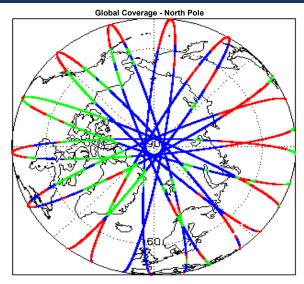
1. Overview

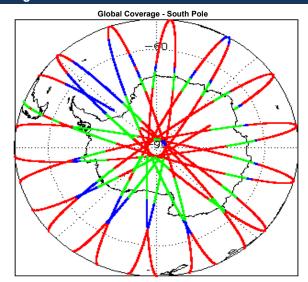
Report Production Date:	25-Feb-2016	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

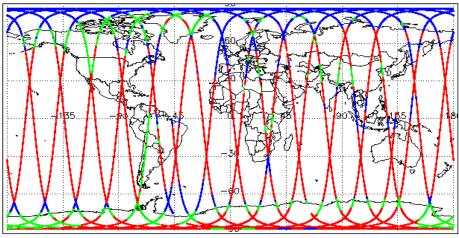
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File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

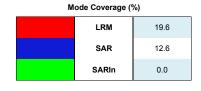
Mission / Instru	ment News
27-Jan-2016	None
28-Jan-2016	None
29-Jan-2016	Nothing planned

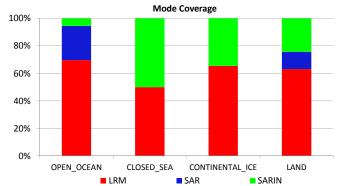
2. Global Coverage

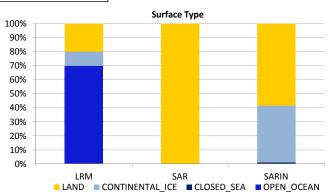












3. Instrument Configuration

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

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

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

4.3 Star Tracker Usage Check

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

Number of products with errors:

4.4 L1B Calibration Usage Check

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

Number of products with errors: 0

4.5 L1B Auxilary Data File Usage Check

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

Number of products with errors:

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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_20160128T034943_20160128T041848_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors:

Droduct	Test Failed	Description
Product	Test Failed Height Error (Retracker 2), Height Error	Description There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220160128T000230_20160128T001813_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160128T003427_20160128T004439_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_220160128T005059_20160128T010158_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_220160128T012530_20160128T013510_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_220160128T013807_20160128T014050_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_220160128T014229_20160128T015700_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_220160128T021042_20160128T024429_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_220160128T024653_20160128T024736_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_220160128T031351_20160128T033701_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_220160128T034943_20160128T041848_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_220160128T044857_20160128T051600_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_220160128T053007_20160128T060350_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_220160128T062624_20160128T063635_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_220160128T065738_20160128T070315_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160128T070917_20160128T074224_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_220160128T081102_20160128T083455_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_220160128T084744_20160128T092217_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_220160128T094647_20160128T100939_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_220160128T101908_20160128T102112_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160128T102815_20160128T104415_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_220160128T104418_20160128T104935_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_220160128T105010_20160128T105729_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_220160128T111713_20160128T113522_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_20160128T113629_20160128T115009_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_220160128T115822_20160128T120021_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160128T120706_20160128T122241_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_220160128T122442_20160128T123405_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_220160128T130156_20160128T131329_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_220160128T133138_20160128T133259_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_220160128T134645_20160128T140146_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_220160128T143948_20160128T151227_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_220160128T151500_20160128T151711_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160128T151730_20160128T152315_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20160128T152551_20160128T154533_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_220160128T162246_20160128T165030_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_20160128T170448_20160128T173145_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_220160128T175706_20160128T182949_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_220160128T193548_20160128T200947_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_220160128T202232_20160128T205031_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_220160128T205110_20160128T205241_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_220160128T211348_20160128T214744_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_220160128T215248_20160128T215521_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220160128T215538_20160128T215938_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20160128T220322_20160128T223030_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

Computer		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Comp. 18 18 2 2000 03 17 10 200 200	CS_OFFL_SIR_LRM_220160128T225440_20160128T230459_C001	Error (Retracker 2)	records
Fine Distance 2 (1) A contract 2012 DOIS DISTANCE 2	CS_OFFL_SIR_LRM_220160128T230941_20160128T232719_C001	Error (Retracker 2)	records
COUPLING BILLY 200000000000000000000000000000000000	CS_OFFL_SIR_LRM_220160128T234519_20160128T235755_C001		•
Mode Dura shells. Mode Dura she	CS_OFFL_SIR_SIN_220160128T002533_20160128T002541_C001	SARIn X-track Angle Error	
Seet Seet Seet Seet Seet Seet Seet Seet	CS_OFFL_SIR_SIN_220160128T011055_20160128T011308_C001		
Soft A. See St. 2. 2010/2017/2019/2019/2019/2019/2019/2019/2019/2019	CS_OFFL_SIR_SIN_220160128T015721_20160128T015913_C001	SARIn X-track Angle Error	
De CHT 1981 SAN 2 - 201001211112000 201001110000 2010 SAN HILLS AND SAN END S	CS_OFFL_SIR_SIN_220160128T020432_20160128T020437_C001	SARIn X-track Angle Error	
DOLOFFE, BRILLE, 2019/01/21/10/21/21/21/21/21/21/21/21/21/21/21/21/21/	CS_OFFL_SIR_SIN_220160128T020447_20160128T020454_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
SO CHE SIN ONE 2 2019/12/12/12/20 A contract process of the contract process o	CS_OFFL_SIR_SIN_220160128T020559_20160128T021042_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
SARIN Kreak Angle Floor G. OFFL, Silk, Silk 2, 20160128100000 (201001281000000000000000000000000000000	CS_OFFL_SIR_SIN_220160128T025651_20160128T025725_C001		An ambiguous angle was detected for SARIn mode and no DEM or Slope
SAFIN_FORLE_Z_019012011509114_00901201150459_000131 SAFIN_FORLE_TOP Annable, and any give seed collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present collected to SARIN mode for owe or more recommendation and present co	CS_OFFL_SIR_SIN_220160128T033726_20160128T033957_C001		An ambiguous angle was detected for SARIn mode for one or more
SARIO, Actack Angle Finar Co. Dell., Sink Sink 201601281001682, 201601281101620, C0001 AMRIO, Actack Angle Finar AND AND ACTACA Angle Finar AND	CS_OFFL_SIR_SIN_220160128T034329_20160128T034336_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more
AND PROPRESS AND PROPERTY OF THE PROPERTY OF T		-	An ambiguous angle was detected for SARIn mode for one or more
CS_CFF_SIR_SIN20100128100241_00024_01001277_0001 SAFIN X-reack Argie Error SAFIN X-reack Argie Er		-	An ambiguous angle was detected for SARIn mode for one or more
SOFFL, BIR, SIN 2, 2016012877055577, 20160128770545, 20161 SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for one or more notes. SOFFL, BIR, SIN 2, 20160128770715, 20160128707055, 2016 SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for or or more notes. SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for or or more notes. SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for or or or more notes. SARIN X-lead Angle Error SARIN X-lead Angle Error SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for or or or more notes. SARIN X-lead Angle Error SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for or or or more notes. SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for or or or more notes. SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for or or or more notes. SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for or or or more notes. SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for or or or more notes. SARIN X-lead Angle Error An antispoze angle was delected for SARIIn mode for o		-	An ambiguous angle was detected for SARIn mode for one or more
SAPIR X-rises Angle Error SAPIR X-rises Angle E		-	An ambiguous angle was detected for SARIn mode for one or more
SAPIN X-ross Angle Error SAPIN X-ross Angle			An ambiguous angle was detected for SARIn mode for one or more
S. OPFL_SR_SN_2_201001281707632_201001281707640_C001 S. OPFL_SR_SN_2_201001281707632_201001281707640_C001 S. OPFL_SR_SN_2_201001281706332_201001281707640_C001 S. OPFL_SR_SN_2_201001281706332_201001281707640_C001 S. OPFL_SR_SN_2_201001281706332_201001281706702_C001 S. OPFL_SR_SN_2_201001281706332_201001281706702_C001 S. OPFL_SR_SN_2_201001281706332_201001281706702_C001 S. OPFL_SR_SN_2_201001281706332_201001281706702_C001 S. OPFL_SR_SN_2_201001281706332_201001281706702_C001 S. OPFL_SR_SN_2_201001281706302_201001281706702_C001 S. OPFL_SR_SN_2_201001281706702_201001281706702_C001 S. OPFL_SR_SN_2_201001281706702_201001281706702_C001 S. OPFL_SR_SN_2_201001281706702_20100128170070_C001 S. OPFL_SR_SN_2_201001281706702_20100128170070_C001 S. OPFL_SR_SN_2_201001281706702_C001 S. OPFL_SR_SN_2_201001281706702_C0010281706702_C001 S. OPFL_SR_SN_2_201001281706702_C0010281706702_C001 S. OPFL_SR_SN_2_201001281706702_C0010281706702_C001 S. OPFL_SR_SN_2_201001281706702_C0010281706702_C001 S. OPFL_SR_SN_2_201001281706702_C0010281706702_C0010281706702_C0010281706702_C0010281706702_C0010281706702_C0010281706702_C0010281706702_C0010281706702_C0010281706702_C0010281706702_C0010281706702_C00102817		-	
SARIN X-max Angle Error SARIN X-max Angle Err			
SoffLars SNL2_20160128104802_2016128110480_2016 SoffLars SNL2_201601281068021_201680311_2001 SARIN X-frack Angle Error Sufface SNL2_20160128106812_20161281104808_2001 SARIN X-frack Angle Error SARIN X-frack Angle Error SNL2_20160128106812_20160128110680_2001 SARIN X-frack Angle Error SNL2_201601281106128_20160128110680_2001 SARIN X-frack Angle Error SNL2_201601281106128_20160128110680_2001 SARIN X-frack Angle Error SNL2_201601281106128_20160128113000_2001 SARIN X-frack Angle Error SNL2_20160128111020_20160128113000_2001 SARIN X-frack Angle Error SNL2_20160128111020_20160128113000_2001 SARIN X-frack Angle Error SNL2_20160128112002_20160128113000_2001 SARIN X-frack Angle Error SNL2_20160128113000_20160128113000_2001 SA			records
Model was used for one or more records S. OFFL SIR, SIN 2_201601287106922 016012871069. S. OFFL SIR, SIN 2_20160128710692 2016012871069. S. OFFL SIR, SIN 2_201601287101022 20160128710109. S. OFFL SIR, SIN 2_201601287101022 20160128710109. S. OFFL SIR, SIN 2_201601287101022 20160128710109. S. OFFL SIR, SIN 2_20160128710022 20160128712030. S. OFFL SIR, SIN 2_20160128712002 20160128712030. S. OFFL SIR, SIN 2_20160128713400. S. OFFL SIR, SIN 2_20160128714000. S. OFFL SIR, SIN 2_20160128716000.		Model Unavailable	Model was used for one or more records
SARIA X-track Angle Error SARIA X-track Angle E	CS_OFFL_SIR_SIN_220160128T075503_20160128T075522_C001	Model Unavailable	Model was used for one or more records
SARIN X-frack Angle Error SARIN X-frack Angle E	CS_OFFL_SIR_SIN_220160128T083537_20160128T083701_C001	SARIn X-track Angle Error	records
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Schell, Sirk, Sin, 2, 20160128111226 220160128111653-0.001 SARIM X-track Angle Error An ambiguous angle was detected for SARIm mode for one or more records SARIM X-track Angle Error Expert Sin, Sin, 2, 201601281125336, 201601281125535, 20101 SARIM X-track Angle Error Expert Sin, Sin, 2, 201601281125336, 201601281125535, 20101 SARIM X-track Angle Error Expert Sin, Sin, 2, 201601281125336, 201601281136336, 201601281136336, 201601281136336, 201601281136336, 201601281136336, 201601281136336, 201601281136336, 201601281136336, 20160128113636, 20160128113636, 20160128113636, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113645, 20160128113610, 20160128113645, 20160128113610, 20160128113645, 20160128113610, 20160128113645, 20160128113610, 20160128113	CS_OFFL_SIR_SIN_220160128T102113_20160128T102639_C001	SARIn X-track Angle Error	records
SOFFL SIR SIN 2_20160128T120322_20160128T120330_20001 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 Surface Model Unavailable SARIN X-track Angle Error 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 Surface Model Unavailable 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 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode and no DEM or Stope 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 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 an	CS_OFFL_SIR_SIN_220160128T111206_20160128T111633_C001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_2_201601287125105_201601287125256_C001 SARIN X-track Angle Error SARIN X-track Angle	CS_OFFL_SIR_SIN_220160128T120022_20160128T120136_C001	SARIn X-track Angle Error	records
SOFFL SIR_SIN_2_20160128112536_201601281128535_C001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error SARI	CS_OFFL_SIR_SIN_220160128T120523_20160128T120703_C001	SARIn X-track Angle Error	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 and no DEM or Slope Model Unavailable Model Unavailable SARIN X-track Angle Error, Surface Model Was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model Was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model Was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model Was used for one or more records SARIN X-track Angle Error, Surface Model Was used for one or more records SARIN X-track Angle Error, Surface Model Unavailable SARIN X-track Angle Error, Sur	CS_OFFL_SIR_SIN_2_20160128T125105_20160128T125216_C001	SARIn X-track Angle Error	records
SARII X-track Angle Error SARII X-track Angle E	CS_OFFL_SIR_SIN_220160128T125336_20160128T125535_C001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20160128T143024_20160128T14351_CO01 SARIN X-track Angle Error, Surface Model Unavailable Model Was used for one or more records Model Unavailable Model Was used for one or more records Model Unavailable Model Was used for one or more records Model Unavailable Model Was used for one or more records Model Unavailable Model Was used for one or more records Model Unavailable Model Was used for one or more records Model Unavailable Model Was used for one or more records Model Unavailable Model Was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records SARIn X-track Angle Error Surface 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 and no DEM or Slope Model Unavailable Model Unavaila	CS_OFFL_SIR_SIN_220160128T133305_20160128T133634_C001	SARIn X-track Angle Error	
Model Unavailable SARIn X-track Angle Error SARIn SIN 2_20160128T143254_20160128T15459_C001 SARIn X-track Angle Error SARI	CS_OFFL_SIR_SIN_220160128T134425_20160128T134611_C001	SARIn X-track Angle Error	
S_OFFL_SIR_SIN_2_20160128T15130_20160128T151529_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T151711_20160128T151729_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T151752536_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T160400_20160128T160416_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T160416_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T160416_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T160416_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T16054_20160128T160547_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T165535_20160128T160547_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T165535_20160128T165402_C001 S_ARIN X-track Angle Error S_OFFL_SIR_SIN_2_20160128T183243_20160128T183619_C001 S_OFFL_SIR_SIN_2_20160128T183243_20160128T183619_C001 S_OFFL_SIR_SIN_2_20160128T183152_20160128T183619_C001 S_OFFL_SIR_SIN_2_20160128T183152_20160128T183319_C001 S_OFFL_SIR_SIN_2_20160128T18311_20160128T192331_C001 S_OFFL_SIR_SIN_2_20160128T192311_20160128T192331_C001 S_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201200_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201200_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T201200_20160128T201522_C001 S_OFFL_SIR_SIN_2_20160128T2000_20160128T2000_2001 S_OFFL_SIR_SIN_2_20160128T2000_20160128T2000_2001 S_OFFL_SIR_SIN_2_20160128T2000_20160128T2000_2001 S_OFFL_SIR_SIN_2_20160128T2000_20160128T2000_2001 S_OFFL_SIR_SIN_2_20160128T2000_20160128T2000_2001 S_OFFL_SIR_SIN_2_20160128T2000_20160128T2000_2001 S_OFFL_SIR_SIN_2_20160128T2000_20160128	CS_OFFL_SIR_SIN_220160128T143024_20160128T143251_C001		
SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T151310_20160128T151729_C001 SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T152315_20160128T152536_C001 SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T160416_C001 SARIN X-track Angle Error SARI	CS_OFFL_SIR_SIN_220160128T143254_20160128T143515_C001		
SARIN X-track Angle Error SARIN X-track Angle E	CS_OFFL_SIR_SIN_220160128T151310_20160128T151459_C001		
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CS_OFFL_SIR_SIN_2_20160128T160514_20160128T160547_C001 CS_OFFL_SIR_SIN_2_20160128T165242_20160128T165242_C001 CS_OFFL_SIR_SIN_2_20160128T165242_20160128T16529_C001 CS_OFFL_SIR_SIN_2_20160128T16535_20160128T165709_C001 CS_OFFL_SIR_SIN_2_20160128T183243_20160128T183619_C001 CS_OFFL_SIR_SIN_2_20160128T183243_20160128T183619_C001 CS_OFFL_SIR_SIN_2_20160128T183243_20160128T183619_C001 CS_OFFL_SIR_SIN_2_20160128T18311_20160128T183619_C001 CS_OFFL_SIR_SIN_2_20160128T192311_20160128T183010_C001 CS_OFFL_SIR_SIN_2_20160128T192311_20160128T192339_C001 CS_OFFL_SIR_SIN_2_20160128T201204_20160128T192339_C001 CS_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 CS_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 CS_OFFL_SIR_SIN_2_20160128T201204_20160128T201520_C001 CS_OFFL_SIR_SIN_2_20160128T2012050_20160128T201400_C001 CS_OFFL_SIR_SIN_2_20160128T214916_20160128T215247_C001 CS_OFFL_SIR_SIN_2_20160128T214916_20160128T202046_C001 CS_OFFL_SIR_SIN_2_20160128T2123837_20160128T223952_C001 CS_OFFL_SIR_SIN_2_20160128T201203339_0160128T220046_C001 CS_OFFL_SIR_SIN_2_20160128T20120339_0160128T220046_C001 CS_OFFL_SIR_SIN_2_20160128T2123837_20160128T223952_C001 CS_OFFL_SIR_SIN_2_20160128T2010128T2010128T200046_C001 CS_OFFL_SIR_SIN_2_20160128T2010128T200046_C001 CS_OFFL_SIR_SIN_2_20160128T20010128T200046_C001 CS_OFFL_SIR_SIN_2_20160128T20010128T200046_C001 CS_OFFL_SIR_SIN_2_20160128T20010128T200046_C001 CS_OFFL_SIR_SIN_2_20160128T20010128T200046_C001 CS_OFFL_SIR_SIN_2_20160128T20010128T200046_C001 CS_OFFL_SIR_SIN_2_20160128T200046_C001 CS_OFFL_SIR_SIN_2_20160128T200046_C001	CS_OFFL_SIR_SIN_220160128T160400_20160128T160416_C001		An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_2_20160128T165242_20160128T165709_C001 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 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 r	CS_OFFL_SIR_SIN_220160128T160514_20160128T160547_C001	SARIn X-track Angle Error, Surface	An ambiguous angle was detected for SARIn mode and no DEM or Slope
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CS_OFFL_SIR_SIN_2_20160128T192311_20160128T192339_C001 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 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
CS_OFFL_SIR_SIN_2_20160128T201204_20160128T201522_C001 SARIn X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T202034_20160128T202159_C001 SARIn X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T214916_20160128T215247_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		SARIn X-track Angle Error, Surface	An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_2_20160128T202034_20160128T202159_C001 SARIn X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T210250_20160128T210400_C001 SARIn X-track Angle Error SARIn X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T214916_20160128T215247_C001 SARIn X-track Angle Error SARIn X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T215939_20160128T220046_C001 SARIn X-track Angle Error SARIn X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T223837_20160128T223046_C001 SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error CS_OFFL_SIR_SIN_2_20160128T223837_20160128T223952_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 An ambiguous angle was detected for SARIn mode for one or more records			An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20160128T210250_20160128T210400_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		-	
CS_OFFL_SIR_SIN_2_20160128T214916_20160128T215247_C001 CS_OFFL_SIR_SIN_2_20160128T214916_20160128T215247_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		-	
CS_OFFL_SIR_SIN_2_20160128T218916_20160128T220046_C001 CS_OFFL_SIR_SIN_2_20160128T223837_20160128T223952_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		-	records
CS_OFFL_SIR_SIN_2_20160128T223837_20160128T223952_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_2_201601281223837_201601281223952_C001 SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20160128122393_201601281223952_C001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more		-	records
		-	records
	CS_OFFL_SIR_SIN_2_20160128T224203_20160128T224315_C001	SARIn X-track Angle Error	

CS_OFFL_SIR_SIN_220160128T232722_20160128T232902_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160128T233641_20160128T233830_C001	ISARIN X-Track Andle Error	An ambiguous angle was detected for SARIn mode for one or more records