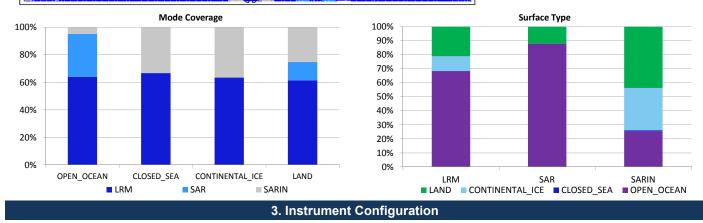


# IDEAS+ Daily Report for OFFLINE data:

# <u>07/12/2015</u>

1. Overview				
		Check	Status	
Report Production Date:	07-Jan-2016	Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
		Product Software Check	Nominal	
Data Used:	L1B and L2 OFFLINE Data	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	
lission / Instrument News				
06-Dec-2015 None				
07-Dec-2015 None				
00 Dec 2015 Nothing planned				

08-Dec-2015 Nothing planned		
2. Global Coverage		
	age - South Pole	
	-50	
	Mode Coverage (	%)
	LRM	63.4
FALLE AT A BARANANANANANANANANANANANANANANANANANANA	SAR	24.0
	SARIn	12.6



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

SIRAL instrument(s) in use: SIRAL - 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:

## 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:
0

# 4.6 L1B Auxiliary Correction Error Check

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

Number of products with errors:

### 4.7 L1B Measurement Confidence Data Check

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

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

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

Phase Perturbation Flag: This flag is currently set for all L1B SARIn products, indicating that the ADC correction application is deactivated, but this is in line with the current configuration. Number of products with errors: 1

Test Failed

Product

CS\_OFFL\_SIR\_LRM\_1B\_20151207T051033\_20151207T052714\_C001

Echo error, TRK echo error

Description 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: 0

#### 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.

### 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 Height Error (Retracker 2), Backscatter	Description There is a height and backscatter error for Retracker 2 for one or more
S_OFFL_SIR_LRM_220151207T001045_20151207T002319_C001	Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T004805_20151207T012114_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
S_OFFL_SIR_LRM_220151207T012853_20151207T013131_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more recor
S_OFFL_SIR_LRM_220151207T013936_20151207T015206_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T015218_20151207T020948_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T023018_20151207T024254_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 en for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220151207T024458_20151207T030012_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_220151207T031645_20151207T032712_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T033333_20151207T034536_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 en for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220151207T042456_20151207T043917_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_220151207T045335_20151207T050840_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_220151207T051033_20151207T052714_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_220151207T055653_20151207T055911_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T055946_20151207T061827_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 en for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220151207T064947_20151207T065714_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T073135_20151207T075735_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 er for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220151207T080519_20151207T080847_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
S_OFFL_SIR_LRM_220151207T082901_20151207T084638_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T090840_20151207T091902_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 er for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220151207T093158_20151207T093542_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T094009_20151207T094543_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
S_OFFL_SIR_LRM_220151207T095226_20151207T102530_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T104859_20151207T105147_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T105330_20151207T111440_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 er for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220151207T111930_20151207T112439_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
S_OFFL_SIR_LRM_220151207T113059_20151207T114850_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 er for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220151207T120057_20151207T120450_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220151207T122914_20151207T125210_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220151207T130143_20151207T130342_C001	(Retracker 2) Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
S_OFFL_SIR_LRM_220151207T131055_20151207T132803_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220151207T133244_20151207T134116_C001	(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_220151207T135943_20151207T141728_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
S_OFFL_SIR_LRM_220151207T144950_20151207T150512_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records There is a height and backscatter error for Retracker 2 and a height e for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220151207T150713_20151207T151634_C001	(Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height e for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220151207T153947_20151207T154041_C001	(Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
S_OFFL_SIR_LRM_220151207T154330_20151207T155536_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records
	(Retracker 2) Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
S_OFFL_SIR_LRM_220151207T161854_20151207T162656_C001		There is a height and backscatter error for Retracker 2 for one or more
S_OFFL_SIR_LRM_220151207T161854_20151207T162656_C001	Height Error (Retracker 2), Backscatter	records
	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220151207T162936_20151207T164419_C001	Error (Retracker 2) 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 er for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
S_OFFL_SIR_LRM_220151207T162936_20151207T164419_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more
S_OFFL_SIR_LRM_220151207T162936_20151207T164419_C001 S_OFFL_SIR_LRM_2_20151207T172136_20151207T173146_C001 S_OFFL_SIR_LRM_2_20151207T173149_20151207T173722_C001 S_OFFL_SIR_LRM_2_20151207T174252_20151207T175425_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records
SS_OFFL_SIR_LRM_220151207T162936_20151207T164419_C001 SS_OFFL_SIR_LRM_220151207T172136_20151207T173146_C001 SS_OFFL_SIR_LRM_220151207T173149_20151207T173722_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more

CS\_OFFL\_SIR\_LRM\_2\_\_20151207T190504\_20151207T191635\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20151207T194757\_20151207T201638\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20151207T202333\_20151207T202536\_C001 CS OFFL SIR LRM 2 20151207T203915 20151207T211136 C001 CS OFFL SIR LRM 2 20151207T215135 20151207T215349 C001 CS\_OFFL\_SIR\_LRM\_2\_20151207T220314\_20151207T220546\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20151207T221812\_20151207T225131\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20151207T230745\_20151207T232759\_C001 CS OFFL SIR SIN 2 20151207T003321 20151207T003536 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T012143\_20151207T012309\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T013131\_20151207T013318\_C001 CS OFFL SIR SIN 2 20151207T020948 20151207T021104 C001 CS\_OFFL\_SIR\_SIN\_2\_20151207T021529\_20151207T021622\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T030048\_20151207T030230\_C001 CS OFFL SIR SIN 2 20151207T030802 20151207T030809 C001 CS OFFL SIR SIN 2 20151207T030932 20151207T031154 C001 CS OFFL SIR SIN 2 20151207T034942 20151207T035237 C001 CS OFFL SIR SIN 2 20151207T035324 20151207T035536 C001 CS OFFL SIR SIN 2 20151207T043940 20151207T044147 C001 CS OFFL SIR SIN 2 20151207T044701 20151207T044706 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T044716\_20151207T044723\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T044831\_20151207T045303\_C001 CS OFFL SIR SIN 2 20151207T053915 20151207T053947 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T061954\_20151207T062228\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T062558\_20151207T062605\_C001 CS\_OFFL\_SIR\_SIN\_2\_20151207T062948\_20151207T063131\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T075841\_20151207T080011\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T080512\_20151207T080519\_C001 CS OFFL SIR SIN 2 20151207T080847 20151207T081023 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T085728\_20151207T085753\_C001 CS OFFL SIR SIN 2 20151207T093853 20151207T094009 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T094543\_20151207T094902\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T103654\_20151207T103720\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T111811\_20151207T111929\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T112439\_20151207T112750\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T125906\_20151207T130143\_C001 CS\_OFFL\_SIR\_SIN\_2\_20151207T130342\_20151207T130915\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T135432\_20151207T135919\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T144252\_20151207T144357\_C001 CS OFFL SIR SIN 2 20151207T144754 20151207T144933 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T153336\_20151207T153445\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T153552\_20151207T153718\_C001 CS OFFL SIR SIN 2 20151207T160043 20151207T161136 C001 CS OFFL SIR SIN 2 20151207T161632 20151207T161854 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T162656\_20151207T162845\_C001 CS OFFL SIR SIN 2 20151207T171253 20151207T171846 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T175542\_20151207T175730\_C001 CS OFFL SIR SIN 2 20151207T175939 20151207T180007 C001 CS OFFL SIR SIN 2 20151207T180541 20151207T180806 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20151207T184625\_20151207T184646\_C001

Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) 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 SARIn X-track Angle Error, Surface Model Unavailable 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, Surface Model Unavailable 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, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailabl

There is a height and backscatter error for Retracker 2 for one or more ecords There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more ecords There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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 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 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 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 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 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 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 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 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 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

CS_OFFL_SIR_SIN_220151207T184742_20151207T184813_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_220151207T193510_20151207T193651_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151207T193758_20151207T193939_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151207T194419_20151207T194459_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151207T194536_20151207T194659_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151207T211517_20151207T211848_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151207T212421_20151207T212537_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151207T225430_20151207T225751_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151207T230305_20151207T230429_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220151207T234509_20151207T234636_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records