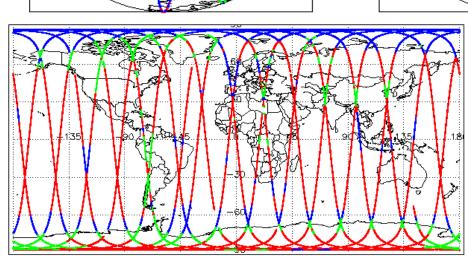


IDEAS+ Daily Report for OFFLINE data:

<u>16/09/2016</u>

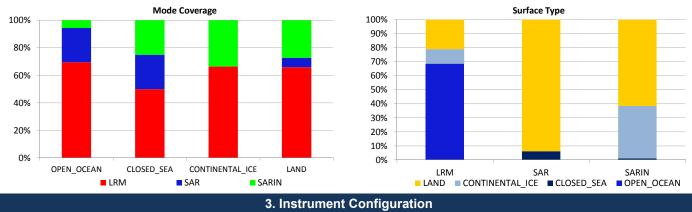
eport Production Date:	18-Oct-2016	Check	Status
Report Production Date.		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
Data Usadi	L1B and L2 OFFLINE Data	Product Format Check	Nominal
Data Used:		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

15-Sep-2016	None	
16-Sep-2016	None	
17-Sep-2016	Nothing planned	
	2. Glob	al Coverage
	Global Coverage - North Pole	Global Coverage - South Pole



Mode Coverage (%	6)
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U ()		
LRM	18.4	
SAR	13.4	
SARIn	0.0	



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:
0

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_20160916T075252_20160916T075341_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.

108

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Error (F Height

Error (F

Surface Height

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Height

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Error (F

Surface

Product CS_OFFL_SIR_LRM_2__20160915T235653_20160916T001459_C001 CS_OFFL_SIR_LRM_2__20160916T004754_20160916T010240_C001 CS_OFFL_SIR_LRM_2__20160916T010442_20160916T011406_C001 CS_OFFL_SIR_LRM_2__20160916T013448_20160916T015308_C001 CS_OFFL_SIR_LRM_2__20160916T020030_20160916T020148_C001 CS OFFL SIR LRM 2 20160916T020906 20160916T021127 C001 CS_OFFL_SIR_LRM_2__20160916T021623_20160916T022424_C001 CS_OFFL_SIR_LRM_2__20160916T022739_20160916T024148_C001 CS OFFL SIR LRM 2 20160916T031619 20160916T035114 C001 CS_OFFL_SIR_LRM_2__20160916T035459_20160916T035707_C001 CS_OFFL_SIR_LRM_2__20160916T035735_20160916T040309_C001 CS OFFL SIR LRM 2 20160916T040751 20160916T043057 C001 CS OFFL SIR LRM 2 20160916T044132 20160916T044356 C001 CS_OFFL_SIR_LRM_2__20160916T044418_20160916T044435_C001 CS_OFFL_SIR_LRM_2__20160916T050345_20160916T051409_C001 CS_OFFL_SIR_LRM_2__20160916T051946_20160916T053009_C001 CS_OFFL_SIR_LRM_2__20160916T054637_20160916T060532_C001 CS_OFFL_SIR_LRM_2__20160916T060535_20160916T061409_C001 CS_OFFL_SIR_LRM_2__20160916T061725_20160916T062418_C001 CS_OFFL_SIR_LRM_2__20160916T063647_20160916T070801_C001 CS OFFL SIR LRM 2 20160916T080045 20160916T080335 C001 CS_OFFL_SIR_LRM_2__20160916T081532_20160916T084816_C001 CS_OFFL_SIR_LRM_2__20160916T090600_20160916T092528_C001 CS_OFFL_SIR_LRM_2__20160916T093105_20160916T093245_C001 CS_OFFL_SIR_LRM_2__20160916T095208_20160916T102702_C001 CS OFFL SIR LRM 2 20160916T103537 20160916T103933 C001 CS OFFL SIR LRM 2 20160916T104450 20160916T111035 C001 CS_OFFL_SIR_LRM_2__20160916T111051_20160916T111823_C001 CS_OFFL_SIR_LRM_2__20160916T113037_20160916T114459_C001 CS_OFFL_SIR_LRM_2_20160916T114940_20160916T115104_C001 CS OFFL SIR LRM 2 20160916T115109 20160916T120634 C001 CS_OFFL_SIR_LRM_2__20160916T122457_20160916T123756_C001 CS_OFFL_SIR_LRM_2__20160916T124011_20160916T125940_C001 CS_OFFL_SIR_LRM_2__20160916T131934_20160916T132959_C001 CS_OFFL_SIR_LRM_2__20160916T133138_20160916T134515_C001 CS_OFFL_SIR_LRM_2__20160916T141046_20160916T141359_C001 CS_OFFL_SIR_LRM_2__20160916T142107_20160916T142349_C001 CS OFFL SIR LRM 2 20160916T142512 20160916T143223 C001 CS_OFFL_SIR_LRM_2__20160916T143346_20160916T143556_C001 CS OFFL SIR LRM 2 20160916T150034 20160916T152358 C001 CS OFFL SIR LRM 2 20160916T154019 20160916T161344 C001 CS_OFFL_SIR_LRM_2__20160916T162705_20160916T162928_C001 CS_OFFL_SIR_LRM_2__20160916T163938_20160916T170259_C001 CS OFFL SIR LRM 2 20160916T171205 20160916T171530 C001

ailed	Description
Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Retracker 2) Error (Retracker 2), Backscatter Retracker 2)	records There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
ker 2) Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
e Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
e Model Unavailable	No DEM or Slope Model was used for the location of one or more records
e Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2), Surface Model able	There is a height and backscatter error for Retracker 2 and no Surface Model available for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2) Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 for one or more records
ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
e Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2), Height Error ker 3), Backscatter Error ker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Error (Retracker 2), Backscatter Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
e Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_LRM_2__20160916T173537_20160916T175116_C001 CS OFFL SIR LRM 2 20160916T180517 20160916T180548 C001 CS_OFFL_SIR_LRM_2__20160916T180710_20160916T181217_C001 CS_OFFL_SIR_LRM_2__20160916T181527_20160916T183618_C001 CS_OFFL_SIR_LRM_2__20160916T184631_20160916T185438_C001 CS OFFL SIR LRM 2 20160916T190003 20160916T193200 C001 CS OFFL SIR LRM 2 20160916T194400 20160916T194617 C001 CS_OFFL_SIR_LRM_2__20160916T194635_20160916T194725_C001 CS OFFL SIR LRM 2 20160916T201211 20160916T201448 C001 CS_OFFL_SIR_LRM_2__20160916T203842_20160916T205938_C001 CS_OFFL_SIR_LRM_2__20160916T210224_20160916T211350_C001 CS OFFL SIR LRM 2 20160916T212311 20160916T212759 C001 CS_OFFL_SIR_LRM_2__20160916T213526_20160916T214830_C001 CS_OFFL_SIR_LRM_2__20160916T221749_20160916T225348_C001 CS OFFL SIR LRM 2 20160916T230645 20160916T231336 C001 CS_OFFL_SIR_LRM_2__20160916T231350_20160916T233802_C001 CS OFFL SIR LRM 2 20160916T234737 20160916T234931 C001 CS_OFFL_SIR_SIN_2__20160916T004021_20160916T004125_C001 CS_OFFL_SIR_SIN_2__20160916T004522_20160916T004701_C001 CS OFFL SIR SIN 2 20160916T013109 20160916T013218 C001 CS_OFFL_SIR_SIN_2__20160916T013324_20160916T013448_C001 CS_OFFL_SIR_SIN_2__20160916T020148_20160916T020906_C001 CS_OFFL_SIR_SIN_2_20160916T021402_20160916T021623_C001 CS OFFL SIR SIN 2 20160916T022424 20160916T022613 C001 CS_OFFL_SIR_SIN_2__20160916T031025_20160916T031211_C001 CS OFFL SIR SIN 2 20160916T031213 20160916T031619 C001 CS_OFFL_SIR_SIN_2__20160916T035707_20160916T035735_C001 CS OFFL SIR SIN 2 20160916T040309 20160916T040534 C001 CS OFFL SIR SIN 2 20160916T044356 20160916T044418 C001 CS OFFL SIR SIN 2 20160916T044514 20160916T044545 C001 CS_OFFL_SIR_SIN_2__20160916T053239_20160916T053420_C001 CS_OFFL_SIR_SIN_2__20160916T053527_20160916T053707_C001 CS_OFFL_SIR_SIN_2__20160916T054148_20160916T054225_C001 CS OFFL SIR SIN 2 20160916T054304 20160916T054427 C001 CS_OFFL_SIR_SIN_2__20160916T071246_20160916T071617_C001 CS_OFFL_SIR_SIN_2__20160916T072149_20160916T072305_C001 CS_OFFL_SIR_SIN_2__20160916T085159_20160916T085520_C001 CS_OFFL_SIR_SIN_2__20160916T090033_20160916T090157_C001 CS_OFFL_SIR_SIN_2__20160916T094241_20160916T094408_C001 CS OFFL SIR SIN 2 20160916T102910 20160916T103112 C001 CS_OFFL_SIR_SIN_2__20160916T103933_20160916T104042_C001 CS_OFFL_SIR_SIN_2__20160916T111823_20160916T111923_C001 CS OFFL SIR SIN 2 20160916T112207 20160916T112315 C001 CS OFFL SIR SIN 2 20160916T120721 20160916T120900 C001 CS_OFFL_SIR_SIN_2__20160916T121635_20160916T121828_C001 CS OFFL SIR SIN 2 20160916T130013 20160916T130229 C001 CS_OFFL_SIR_SIN_2__20160916T134638_20160916T134825_C001 CS_OFFL_SIR_SIN_2_20160916T135346_20160916T135352_C001 CS_OFFL_SIR_SIN_2__20160916T135507_20160916T140200_C001

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

CS_OFFL_SIR_SIN_220160916T143556_20160916T144108_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_220160916T152542_20160916T152837_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T153245_20160916T153251_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T153501_20160916T153757_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T170519_20160916T170633_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T171530_20160916T171649_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T180548_20160916T180710_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_220160916T185438_20160916T185549_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T202442_20160916T202608_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T203125_20160916T203431_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T220426_20160916T220729_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T221025_20160916T221405_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T234503_20160916T234737_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T234931_20160916T235157_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160916T235420_20160916T235556_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records