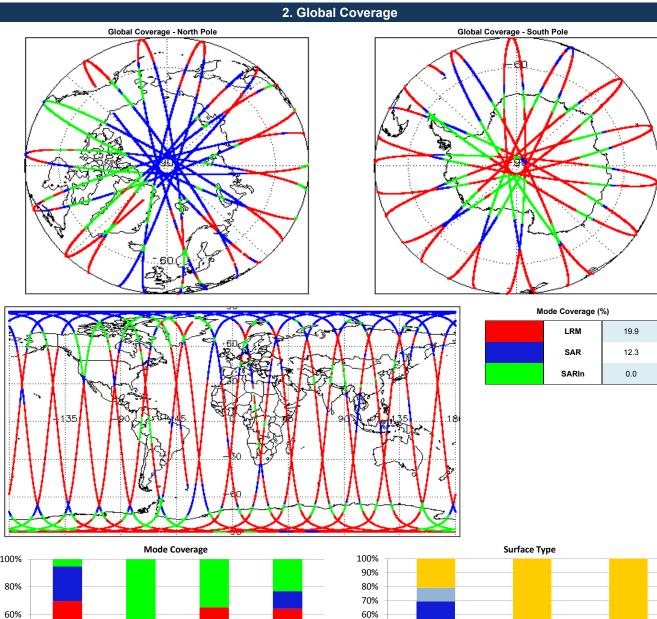
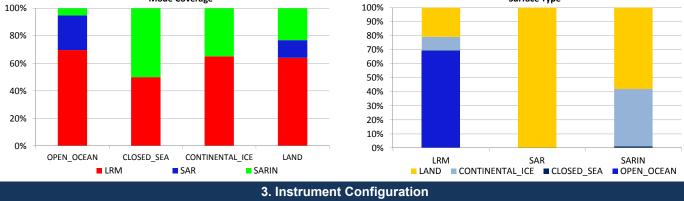


# IDEAS+ Daily Report for OFFLINE data:

# <u>17/01/2016</u>

1. Overview					
		Check	Status		
Report Production Date:	17-Feb-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	See Section 4.2 and 5.2		
•		Star Tracker Usage Check	Nominal		
		L1B Calibration Usage Check	Nominal		
		L1B & L2 Auxiliary Data File Usage Check	Nominal		
		L1B & L2 Auxiliary Correction Error Check	Nominal		
		L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5		
		·			
lission / Instrument News					
16-Jan-2016 None	None				
17-Jan-2016 None	None				
18-Jan-2016 Nothing planned	Nothing planned				





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

SIRAL instrument(s) in use: SIRAL - A

#### 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: 5

Product	Test Failed
CS_OFFL_SIR_SAR_1B_20160117T120156_20160117T120156_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20160117T183634_20160117T183635_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20160117T120212_20160117T120213_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20160117T120217_20160117T120218_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20160117T180740_20160117T180742_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

#### 4.3 Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing. Number of products with errors: 0

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: 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: 0

# 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: 3	
Product	Test Failed
CS_OFFL_SIR_SAR_220160117T180740_20160117T180742_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220160117T120212_20160117T120213_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220160117T183634_20160117T183635_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

#### 5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0

#### 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

## 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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: 106

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220160117T000008_20160117T001233_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_220160117T001352_20160117T003038_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_220160117T005224_20160117T010334_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_220160117T010537_20160117T012059_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_220160117T013644_20160117T014129_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_220160117T015421_20160117T020539_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_220160117T024453_20160117T030002_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_220160117T030751_20160117T030907_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
S_OFFL_SIR_LRM_220160117T031331_20160117T034025_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_220160117T041949_20160117T043950_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_220160117T044649_20160117T045014_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_220160117T045238_20160117T052008_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_220160117T054255_20160117T061904_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_220160117T062547_20160117T062917_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_220160117T063320_20160117T070713_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_220160117T072006_20160117T072150_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_220160117T080045_20160117T080610_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
S_OFFL_SIR_LRM_220160117T081202_20160117T083412_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_220160117T083657_20160117T084558_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_220160117T085853_20160117T090150_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_220160117T090936_20160117T093804_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_220160117T094010_20160117T094508_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_220160117T095111_20160117T102353_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 err for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160117T104932_20160117T111246_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_220160117T113053_20160117T114653_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_220160117T114658_20160117T114832_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_220160117T115313_20160117T120145_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 err for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220160117T122105_20160117T123716_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_220160117T123930_20160117T125414_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_220160117T131008_20160117T132522_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_220160117T132733_20160117T133656_C001	Height Error (Retracker 2) Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220160117T140508_20160117T141630_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 err for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220160117T142129_20160117T143608_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_220160117T144943_20160117T150653_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_220160117T150735_20160117T151230_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220160117T151926_20160117T152617_C001	Error (Retracker 2)	records

CS\_OFFL\_SIR\_LRM\_2\_20160117T154833\_20160117T155148\_C001 CS OFFL SIR LRM 2 20160117T155150 20160117T161537 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160117T162050\_20160117T162547\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160117T162834\_20160117T165419\_C001 CS\_OFFL\_SIR\_LRM\_2\_20160117T172716\_20160117T175323\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160117T180742\_20160117T183634\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160117T184400\_20160117T184558\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160117T185903\_20160117T193305\_C001 CS OFFL SIR LRM 2 20160117T201657 20160117T201712 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160117T202238\_20160117T202444\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160117T203852\_20160117T204720\_C001 CS OFFL SIR LRM 2 20160117T205005 20160117T211224 C001 CS OFFL SIR LRM 2 20160117T212548 20160117T213837 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160117T214025\_20160117T215257\_C001 CS\_OFFL\_SIR\_LRM\_2\_20160117T221730\_20160117T225106\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20160117T230918\_20160117T234033\_C001 CS OFFL SIR SIN 2 20160117T003038 20160117T003143 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T003146\_20160117T003502\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T003548\_20160117T003704\_C001 CS OFFL SIR SIN 2 20160117T012122 20160117T012305 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T012831\_20160117T012837\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T012956\_20160117T013231\_C001 CS\_OFFL\_SIR\_SIN\_2\_20160117T013441\_20160117T013612\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T021131\_20160117T021559\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T030046\_20160117T030239\_C001 CS OFFL SIR SIN 2 20160117T030729 20160117T030735 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T030744\_20160117T030751\_C001 CS OFFL SIR SIN 2 20160117T030908 20160117T031235 C001 CS OFFL SIR SIN 2 20160117T035926 20160117T040006 C001 CS OFFL SIR SIN 2 20160117T044013 20160117T044239 C001 CS OFFL SIR SIN 2 20160117T044628 20160117T044633 C001 CS OFFL SIR SIN 2 20160117T045014 20160117T045155 C001 CS OFFL SIR SIN 2 20160117T061928 20160117T062052 C001 CS OFFL SIR SIN 2 20160117T062541 20160117T062547 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T062917\_20160117T063054\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T075921\_20160117T080045\_C001 CS OFFL SIR SIN 2 20160117T080610 20160117T080922 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T085726\_20160117T085828\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T093856\_20160117T094010\_C001 CS OFFL SIR SIN 2 20160117T094508 20160117T094829 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T104038\_20160117T104112\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T111944\_20160117T112220\_C001 CS OFFL SIR SIN 2 20160117T112412 20160117T113038 C001 CS\_OFFL\_SIR\_SIN\_2\_20160117T121908\_20160117T122043\_C001 CS\_OFFL\_SIR\_SIN\_2\_20160117T125649\_20160117T130113\_C001 CS OFFL SIR SIN 2 20160117T130324 20160117T130410 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T130826\_20160117T131001\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T135411\_20160117T135516\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20160117T135554\_20160117T135641\_C001

Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable 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), 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), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), 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, Surface Model Unavailabl 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

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 ecords No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and a height error 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 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 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 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 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 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 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 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 ecords 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_220160117T135832_20160117T140039_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T143713_20160117T143906_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T144728_20160117T144915_C001 SA	ARIN 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 was used for one or more records
CS_OFFL_SIR_SIN_220160117T161645_20160117T161805_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T162003_20160117T162050_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T162547_20160117T162814_C001 SA		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_220160117T175610_20160117T175730_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T175806_20160117T180011_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T180610_20160117T180740_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T193559_20160117T193919_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T194441_20160117T194559_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T211453_20160117T211812_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160117T212334_20160117T212458_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20160117T220417_20160117T220709_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T225123_20160117T225321_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T230158_20160117T230331_C001 SA		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T234055_20160117T234155_C001 SA	ARIN X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220160117T234508_20160117T234609_C001 SA	ARIN X-TRACK ANDIE ETFOR	An ambiguous angle was detected for SARIn mode for one or more records