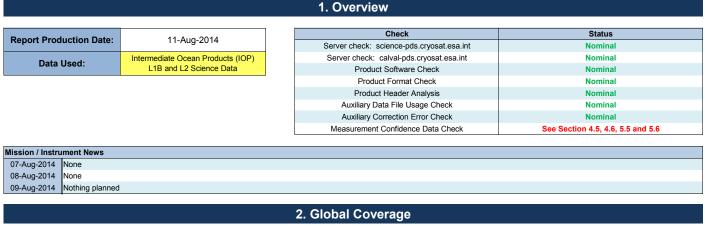
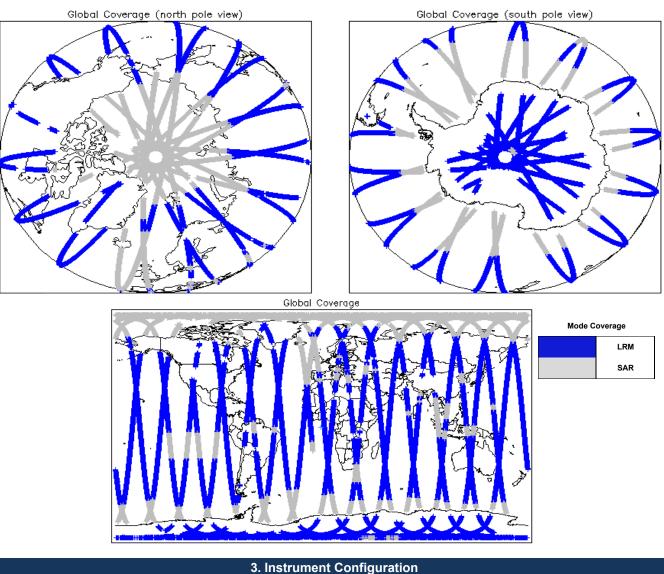


IDEAS+ Daily Report for IOP data:

08/08/2014







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

SIRAL instrument(s) in use: SIRAL - A

4. IOP 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 binary product file (.DBL).

Number of products with errors:

4.2 L1B Product Header Analysis

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

Each product is checked for missing Data Set Descriptors with repsect to a pr	e-determined baseline and also to ch	eck the validity of Auxiliary Data Files is correct.
Number of products with errors: 0		
4.4 L1B Auxiliary Correction Error Check		
Each product is checked to detect auxiliary corrections flagged by the ground-	-station processing chain as missing	or containing errors.
Number of products with errors: 0		
4.5 L1B Measurement Confidence Data Check		
CryoSat L1B data includes a measurement confidence flag (field 12) for each	measurement record. The bit value of	of this flag indicates any problems when set.
Number of products with errors: 4		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_1B_20140808T103837_20140808T104135_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
CS_OFFL_SIR_IOP_1B_20140808T151620_20140808T152434_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
CS_OFFL_SIR_IOP_1B_20140808T213338_20140808T213909_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
CS_OFFL_SIR_IOP_1B_20140808T215416_20140808T220008_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
4.6 L1B Waveform Group Data Check		
CryoSat L1B data includes a waveform data flag (field 65) for each measurem	nent record. The bit value of this flag i	ndicates any problems when set.
Loss of Echo Flag: This flag is currently set for a large number of products o	ver land, indicating that the tracking e	echo is missing.
Number of products with errors: 44		
5. 10	OP Level 2 Data Quali	ty Check
5.1 L2 Product Format 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 hea	ader file (.HDR) and a binary product file (.DBL)
Each product, retrieved and unpacked from the science server, is checked to	ensure it consists of both an XML hea	ader file (.HDR) and a binary product file (.DBL)
Each product, retrieved and unpacked from the science server, is checked to	ensure it consists of both an XML hea	ader file (.HDR) and a binary product file (.DBL)
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0		
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an		
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an		
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an Number of products with errors: 0	d SPH in order to identify any inconsi	istencies and/or errors raised by the ground-segment processing chain.
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an 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 pr	d SPH in order to identify any inconsi	istencies and/or errors raised by the ground-segment processing chain
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an 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 pr	d SPH in order to identify any inconsi	istencies and/or errors raised by the ground-segment processing chain
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an 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 pr Number of products with errors: 0 5.4 L2 Measurement Confidence Data Check	d SPH in order to identify any inconsi e-determined baseline and also to ch	istencies and/or errors raised by the ground-segment processing chain eck the validity of Auxiliary Data Files is correct.
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an 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 pr Number of products with errors: 0 5.4 L2 Measurement Confidence Data Check CryoSat L2 data includes a quality flag (field 14) for each 20-Hz measuremen	d SPH in order to identify any inconsi e-determined baseline and also to ch	istencies and/or errors raised by the ground-segment processing chain eck the validity of Auxiliary Data Files is correct.
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an 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 pr Number of products with errors: 0 5.4 L2 Measurement Confidence Data Check CryoSat L2 data includes a quality flag (field 14) for each 20-Hz measuremen Number of products with errors: 0	d SPH in order to identify any inconsi e-determined baseline and also to ch	istencies and/or errors raised by the ground-segment processing chain eck the validity of Auxiliary Data Files is correct.
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an 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 pr Number of products with errors: 0 5.4 L2 Measurement Confidence Data Check CryoSat L2 data includes a quality flag (field 14) for each 20-Hz measuremen Number of products with errors: 0 5.5 L2 Range Measurement Check	d SPH in order to identify any inconsi e-determined baseline and also to ch t record. The bit value of this flag is a	istencies and/or errors raised by the ground-segment processing chain eck the validity of Auxiliary Data Files is correct. n assessment of the measurement quality by the processing chains.
Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH an 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 pr Number of products with errors: 0 5.4 L2 Measurement Confidence Data Check CryoSat L2 data includes a quality flag (field 14) for each 20-Hz measuremen	d SPH in order to identify any inconsi e-determined baseline and also to ch t record. The bit value of this flag is a ssing chain as missing or containing e	istencies and/or errors raised by the ground-segment processing chair eck the validity of Auxiliary Data Files is correct. n assessment of the measurement quality by the processing chains.

Ice Range Averaging Status Flag: This flag is currently set for some products over land and continental ice. 190

Number of products with errors:

5.6 L2 SWH and Backscatter Measurement Check

Each product is checked to detect parameters related to SWH and sigma0 that are flagged by the processing chain as missing or containing errors.

SWH Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ocean Backscatter Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Backscatter Averaging Status Flag: This flag is currently set for some products over land and continental ice.

Number of products with errors:

174