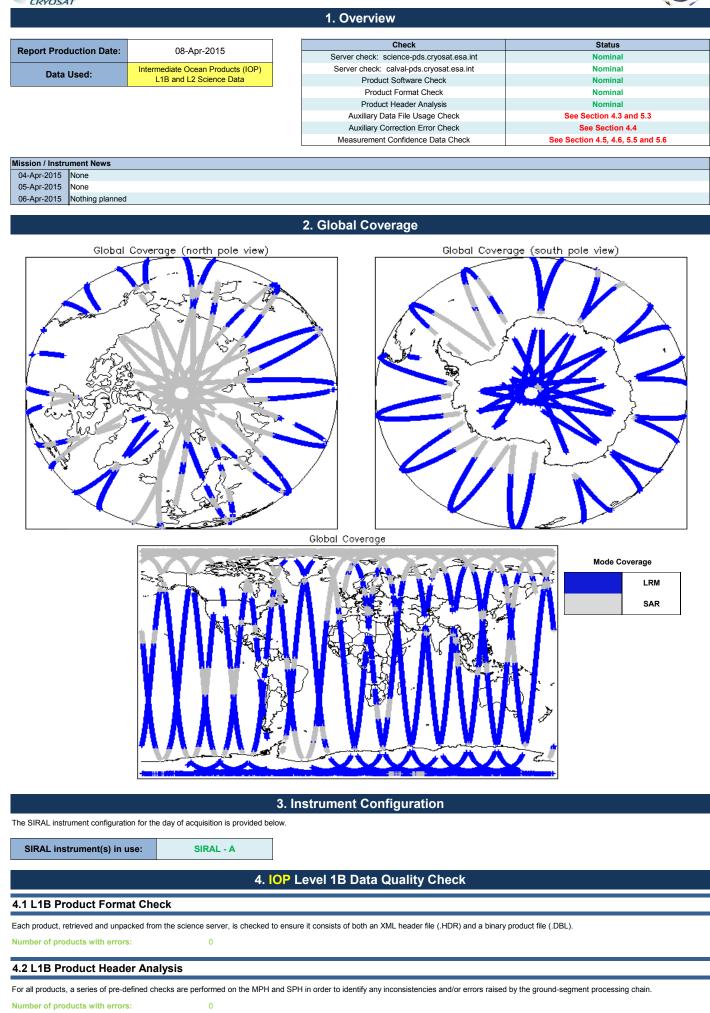


IDEAS+ Daily Report for IOP data:

<u>05/04/2015</u>





4.3 L1B Auxilary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with repsect to a pre-de	etermined baseline and also to check the va	alidity of Auxiliary Data Files is correct.
Number of products with errors: 83		
Product	AUX File	Comment
	CS_OPER_AUX_SEAMPS_201504057	
All SIR_IOP_1B products from 20150405T113233 to T191111 (83 products)	CS_OPER_AUX_SURFPS_201504051 CS_OPER_AUX_U_WIND_201504051 CS_OPER_AUX_V_WIND_201504051 CS_OPER_AUX_WETTRP_20150405	T180000; Missing Auxiliary Files at the time of processing T180000;
4.4 L1B Auxiliary Correction Error Check		
Each product is checked to detect auxiliary corrections flagged by the ground-stat	ion processing chain as missing or containi	ing errors.
Number of products with errors: 83		
Product	Test Failed	Description
All SIR_IOP_1B products from 20150405T113233 to T191111 (83 products)	Dry tropospheric correction error, Wet tropospheric correction error, Inverse barometric correction error	Due to missing Forecast Auxiliary Files, there was an error with the Dry Tropospheric, Wet Tropospheric and Inverse Barometric corrections.
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 this flag indicates any problems when set.		
Number of products with errors: 3		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_1B_20150405T154958_20150405T160025_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
CS_OFFL_SIR_IOP_1B_20150405T204312_20150405T204605_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
CS_OFFL_SIR_IOP_1B_20150405T204608_20150405T204629_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 measurement	record. The bit value of this flag indicates a	any problems when set
Loss of Echo Flag: This flag is currently set for a large number of products over	-	
Number of products with errors: 46	and, indicating that the tracking echo is this	song.
5. IOP	Level 2 Data Quality Ch	eck
5.1 L2 Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to ensu	ure it consists of both an XML header file (.	HDR) and a binary product file (.DBL)
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 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-de	etermined baseline and also to check the va	alidity of Auxiliary Data Files is correct.
Number of products with errors: 83		
Product	AUX File	Comment
All SIR_IOP_2 products from 20150405T113233 to T191111 (83 products)	CS_OPER_AUX_SEAMPS_201504051 CS_OPER_AUX_SURFPS_201504051 CS_OPER_AUX_U_WIND_201504051 CS_OPER_AUX_V_WIND_201504051 CS_OPER_AUX_WETTRP_201504051	F180000; F180000; Missing Auxiliary Files at the time of processing F180000;
5.4 L2 Measurement Confidence Data Check		
CryoSat L2 data includes a quality flag (field 14) for each 20-Hz measurement rec	ord. The bit value of this flag is an assessn	nent of the measurement quality by the processing chains.
Number of products with errors: 0		
5.5 L2 Range Measurement Check		
Each product is checked to detect range measurements flagged by the processing	g chain as missing or containing errors.	
Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.		
Ice Range Averaging Status Flag: This flag is currently set for some products over land and continental ice.		
Number of products with errors: 228		
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:

200