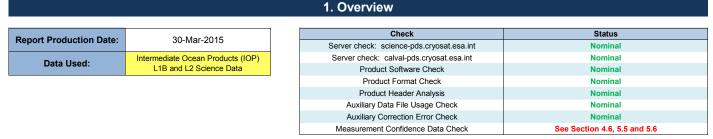


IDEAS+ Daily Report for IOP data:

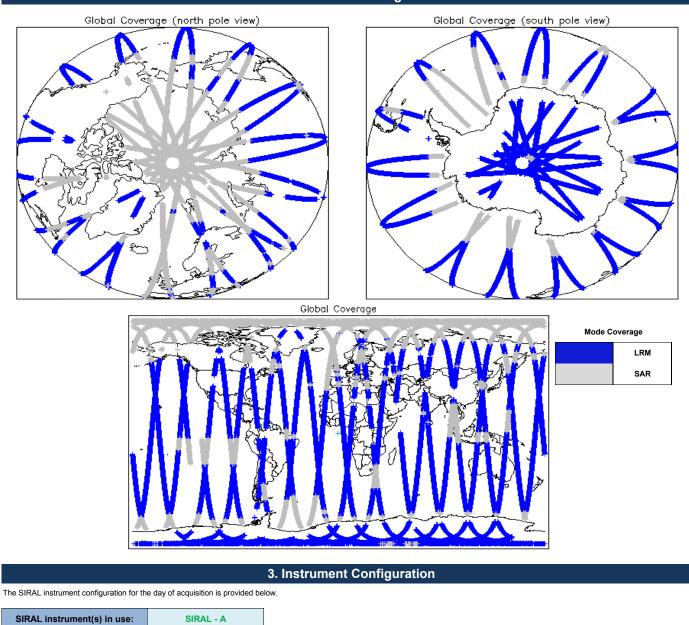
<u>21/01/2015</u>





Mission / Instrument News	
20-Jan-2015	SIRAL unavailability on 20-January-2015 from 09:39:21 to 11:32:49 due to a planned orbit manoeuvre.
21-Jan-2015	None
22-Jan-2015	I 0 data missing on 22- January-2015 between the following times due to an unplanned ground segment anomaly: 03:16:30 to 03:30:56 and 03:32:25 to 04:40:08

2. Global Coverage



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: 0

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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.

Number of products with errors:

0

	age Check
Each product is checked for missing Data S	et Descriptors with repsect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.
lumber of products with errors:	0
I.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 Confid	ence 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:	0
4.6 L1B Waveform Group Dat	a Check
CryoSat L1B data includes a waveform data	a flag (field 65) for each measurement record. The bit value of this flag indicates any problems when set.
Loss of Echo Flag: This flag is currently se	et for a large number of products over land, indicating that the tracking echo is missing.
Number of products with errors:	56
	5. IOP 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 binary product file (.DBL)
Number of products with errors:	0
5.2 L2 Product Header Analys	sis
	SiS cks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
For all products, a series of pre-defined che	
For all products, a series of pre-defined che	ecks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
For all products, a series of pre-defined che Number of products with errors: 5.3 L2 Auxiliary Data File Usa	ecks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
For all products, a series of pre-defined che Number of products with errors: 5.3 L2 Auxiliary Data File Usa Each product is checked for missing Data S	ecks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 age Check
For all products, a series of pre-defined che Number of products with errors: 5.3 L2 Auxiliary Data File Usa Each product is checked for missing Data S Number of products with errors:	ecks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 Ige Check iet Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0
For all products, a series of pre-defined che Number of products with errors: 5.3 L2 Auxiliary Data File Usa Each product is checked for missing Data S Number of products with errors: 5.4 L2 Measurement Confider	ecks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 Ige Check iet Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0
For all products, a series of pre-defined che Number of products with errors: 5.3 L2 Auxiliary Data File Usa Each product is checked for missing Data S Number of products with errors: 5.4 L2 Measurement Confider	Acks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 age Check bet Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0 and 0 beta Check beta Chec
For all products, a series of pre-defined che Number of products with errors: 5.3 L2 Auxiliary Data File Usa Each product is checked for missing Data S Number of products with errors: 5.4 L2 Measurement Confider CryoSat L2 data includes a quality flag (field Number of products with errors:	acks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 age Check bet Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0 nce Data Check d 14) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chains. 0
For all products, a series of pre-defined che Number of products with errors: 5.3 L2 Auxiliary Data File Usa Each product is checked for missing Data S Number of products with errors: 5.4 L2 Measurement Confider CryoSat L2 data includes a quality flag (field Number of products with errors: 5.5 L2 Range Measurement C	acks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 age Check bet Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0 nce Data Check d 14) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chains. 0
For all products, a series of pre-defined che Aumber of products with errors: 5.3 L2 Auxiliary Data File Usa Each product is checked for missing Data S Aumber of products with errors: 5.4 L2 Measurement Confident CryoSat L2 data includes a quality flag (field Aumber of products with errors: 5.5 L2 Range Measurement C Each product is checked to detect range me	tecks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 Inge Check Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0 Ince Data Check Id 14) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chains. 0 Check Ch
For all products, a series of pre-defined che Number of products with errors: 5.3 L2 Auxiliary Data File Usa Each product is checked for missing Data S Number of products with errors: 5.4 L2 Measurement Confider CryoSat L2 data includes a quality flag (field Number of products with errors: 5.5 L2 Range Measurement C Each product is checked to detect range me Decean Range Averaging Status Flag: Thi	Acks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 age Check bet Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0 nce Data Check d 14) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chains. 0 Check 0 bit bit value of this flag is an assessment of the measurement quality by the processing chains. 0 Check easurements flagged by the processing chain as missing or containing errors.
For all products, a series of pre-defined che Number of products with errors: 5.3 L2 Auxiliary Data File Usa Each product is checked for missing Data S Number of products with errors: 5.4 L2 Measurement Confider CryoSat L2 data includes a quality flag (field Number of products with errors: 5.5 L2 Range Measurement C Each product is checked to detect range me Ocean Range Averaging Status Flag: Thi	acks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 Inge Check Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0 Ince Data Check d 14) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chains. 0 Check Beasurements flagged by the processing chain as missing or containing errors. 1 1 1 1 1 1 1 1 1 1 1 1 1

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. 207

Number of products with errors: