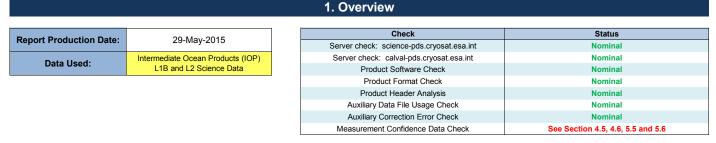


IDEAS+ Daily Report for IOP data:

26/05/2015





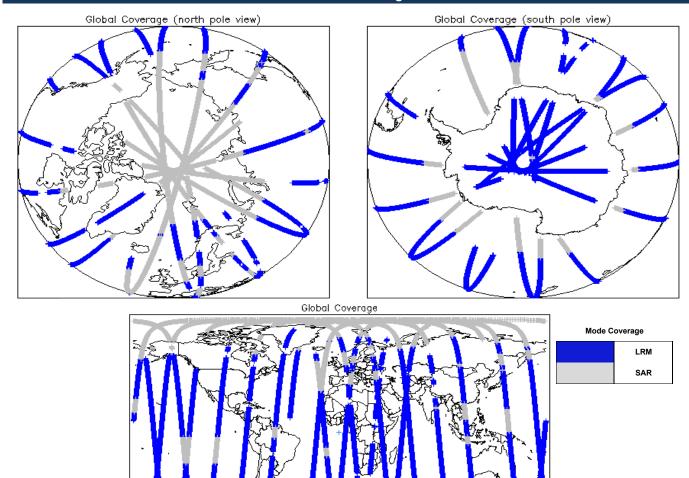
Mission / Instrument News

 25-May-2015
 SIRAL unavailability on 25-May-2015 from 06:17:21 to 08:03:29 due to a planned orbit manoeuvre.

 26-May-2015
 L0 data missing on 26-May-2015 between the following times due to an unplanned ground segment anomaly from 10:16:08 to 16:56:51.

 27-May-2015
 Nothing planned

2. Global Coverage



3. Instrument Configuration

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.

Number of products with errors:

0

Each product is checked for missing Data Set Descriptors with repsect to a product of products with errors: 0	re-determined baseline and also to che	ck the validity of Auxiliary Data Files is correct.
4.4 L1B Auxiliary Correction Error Check		
Each product is checked to detect auxiliary corrections flagged by the ground	I-station processing chain as missing o	r 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	n measurement record. The bit value of	this flag indicates any problems when set.
Number of products with errors: 5		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_1B_20150526T014925_20150526T015723_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
CS_OFFL_SIR_IOP_1B_20150526T035613_20150526T041329_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
CS_OFFL_SIR_IOP_1B_20150526T050955_20150526T051944_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
CS_OFFL_SIR_IOP_1B_20150526T170731_20150526T171300_B001	Power scaling error	There has been an error in the scaling of the L1B waveform
CS_OFFL_SIR_IOP_1B_20150526T190754_20150526T191423_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 measuren	mentary and The bit is a first first	
Loss of Echo Flag: This flag is currently set for a large number of products of	over land, indicating that the tracking e	cho is missing.
Number of products with errors: 23		
	OD Louis 2 Data Quali	he Chaole
5. I	OP Level 2 Data Qualit	ty Check
	OP Level 2 Data Qualit	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		
5.1 L2 Product Format Check Each product, retrieved and unpacked from the science server, is checked to		
5.1 L2 Product Format Check Each product, retrieved and unpacked from the science server, is checked to Number of products with errors: 0	ensure it consists of both an XML hea	der file (.HDR) and a binary product file (.DBL)
5.1 L2 Product Format Check 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 ar	ensure it consists of both an XML hea	der file (.HDR) and a binary product file (.DBL)
5.1 L2 Product Format Check 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 ar Number of products with errors: 0	ensure it consists of both an XML hea	der file (.HDR) and a binary product file (.DBL)
5.1 L2 Product Format Check 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 ar Number of products with errors: 0 5.3 L2 Auxiliary Data File Usage Check	ensure it consists of both an XML hean an XML hean and SPH in order to identify any inconsis	der file (.HDR) and a binary product file (.DBL) stencies and/or errors raised by the ground-segment processing chain.
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5.1 L2 Product Format Check 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 ar 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 measurement	ensure it consists of both an XML hean of SPH in order to identify any inconsist re-determined baseline and also to che	der file (.HDR) and a binary product file (.DBL) stencies and/or errors raised by the ground-segment processing chain.
5.1 L2 Product Format Check 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 ar 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 measurement	ensure it consists of both an XML hean of SPH in order to identify any inconsist re-determined baseline and also to che	der file (.HDR) and a binary product file (.DBL) stencies and/or errors raised by the ground-segment processing chain.
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5.1 L2 Product Format Check 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 ar 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 providence of products with errors: 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 measurement Number of products with errors: 0 5.5 L2 Range Measurement Check	ensure it consists of both an XML hean nd SPH in order to identify any inconsis re-determined baseline and also to che nt record. The bit value of this flag is ar	der file (.HDR) and a binary product file (.DBL) stencies and/or errors raised by the ground-segment processing chain. eck the validity of Auxiliary Data Files is correct.
5.1 L2 Product Format Check 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 ar 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 measurement Number of products with errors: 0 5.5 L2 Range Measurement Check Each product is checked to detect range measurements flagged by the proce	ensure it consists of both an XML hean nd SPH in order to identify any inconsist re-determined baseline and also to che nt record. The bit value of this flag is an essing chain as missing or containing e	der file (.HDR) and a binary product file (.DBL) stencies and/or errors raised by the ground-segment processing chain. eck the validity of Auxiliary Data Files is correct.
5.1 L2 Product Format Check 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 ar 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 measurement	ensure it consists of both an XML heat nd SPH in order to identify any inconsis re-determined baseline and also to che nt record. The bit value of this flag is an essing chain as missing or containing e over land and sea ice, but this is to be	der file (.HDR) and a binary product file (.DBL) stencies and/or errors raised by the ground-segment processing chain. eck the validity of Auxiliary Data Files is correct.
5.1 L2 Product Format Check 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 ar 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 products with errors: 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 measurement Number of products with errors: 0 5.5 L2 Range Measurement Check Each product is checked to detect range measurements flagged by the proce Ocean Range Averaging Status Flag: This flag is currently set for products	ensure it consists of both an XML heat nd SPH in order to identify any inconsis re-determined baseline and also to che nt record. The bit value of this flag is an essing chain as missing or containing e over land and sea ice, but this is to be	der file (.HDR) and a binary product file (.DBL) stencies and/or errors raised by the ground-segment processing chain. eck the validity of Auxiliary Data Files is correct.

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. 124

Number of products with errors: