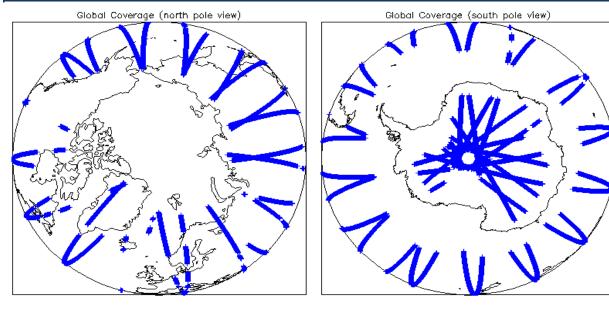
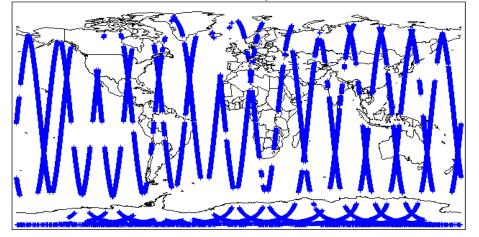


Mission / Instrument News			
16-Jun-2014	None		
17-Jun-2014	None		
18-Jun-2014	SIRAL unavailability on 18-June-2014 from 07:25:59 to 09:12:08 due to a planned orbit manoeuvre.		

2. Global Coverage



Global Coverage



3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A	
Star Tracker(s) in use:	Star Tracker 1 & 2	

4. Level 1B Calibration Data Quality Check

4.1 L1 CAL 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 L1 CAL 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 processing chain. Number of products with errors:
0

4.3 L1 CAL Auxiliary Data File Usage	e Check		
		ino and also to sheak the we	lidity of Auvilian Data Files is correct
Each product is checked for missing Data Set Descript Number of products with errors:	tors wrt a pre-determined baseli	ine and also to check the va	ligity of Auxiliary Data Files is correct.
4.4 L1 CAL Measurement Confidence	e Flags		
CryoSat Cal1 and Cal2 data includes a measurement of	confidence flag word (field 11) fo	or each measurement recor	d. The bit value of this flag indicates any problems when set.
Number of products with errors:	0		
	5. Level 1B	FDM Data Qual	ity Check
5.1 L1B FDM Product Format Check			
Each product, retrieved and unpacked from the science Number of products with errors:	e server, is checked to ensure i	it consists of both an XML h	eader file (.HDR) and a binary product file (.DBL).
5.2 L1B FDM Product Header Analys	is		
For all products, a series of pre-defined checks are car Number of products with errors:	rried out on the MPH and SPH i	in order to identify any incor	sistencies and/or errors raised by the ground-segment processing chain.
5.3 L1B FDM Auxilary Data File Usag	je Check		
Each product is checked for missing Data Set Descript Number of products with errors:	tors wrt a pre-determined baseli	ine and also to check the va	lidity of Auxiliary Data Files is correct.
5.4 L1B Correction Error Flags			
Each product is checked to detect auxiliary corrections Number of products with errors:	s flagged by the ground-station p	processing chain as missing	or containing errors.
5.5 L1B FDM Measurement Confiden	ice Flags		
CryoSat L1B data includes a measurement confidence Number of products with errors:	flag word (field 14) for each me	easurement record. The bit	value of this flag indicates any problems when set.
Product	<u>(</u>	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20140617T012812_201406	17T012917_B001	Attitude correction missing	The attitude has not been corrected
	6. Level 2	FDM Data Quali	ty Check
6.1 L2 FDM Product Format Check			
Each product, retrieved and unpacked from the science	e server, is checked to ensure i	it consists of both an XML h	eader file (.HDR) and a binary product file (.DBL)
Number of products with errors:	0		
6.2 L2 FDM Product Header Analysis	;		
For all products, a series of pre-defined checks are car	rried out on the MPH and SPH i	in order to identify any incon	sistencies and/or errors raised by the processing chain.
	eld #35 and SPH field #33). They	y are set by the FDM proces	2_Proc_Flag). These flags are set within L2 Header files (MPH field #19 and SPH sor when an error is detected during the L2 processing and also when the the processor (currently set to 5%).
This issue is under investigation.			
Number of products with errors:	0		
6.3 L2 FDM Auxiliary Data File Usage	e Check		
Each product is checked for missing Data Set Descript		ine and also to check the va	lidity of Auxiliary Data Files is correct.
Number of products with errors:	0		
6.4 L2 FDM Correction Error Flags			
6.4 L2 FDM Correction Error Flags Each product is checked to detect auxiliary corrections		processing chain as missing	or containing errors.
	s flagged by the ground-station p	processing chain as missing	or containing errors.
Each product is checked to detect auxiliary corrections	0	processing chain as missing	or containing errors.
Each product is checked to detect auxiliary corrections Number of products with errors: 6.5 L2 FDM Measurement Confidence	e Flags		or containing errors. g is an assessment of the measurement quality by the processing chain.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220140617T012812_20140617T012917_B001	Attitude correction missing	The attitude has not been corrected

6.6 L2 FDM Range Measurement Flags

Each product is checked to detect range measurements flagged by the processing chain as missing or containing errors. 4

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220140617T031240_20140617T031304_B001	OCOG Retracked Range Flag	The master fail flag is set by the OCOG call, for one or more records, indicating the values stored in fields #18, #19, #20 and #21 should be ignored for these records.
CS_OFFL_SIR_FDM_220140617T100903_20140617T103102_B001	OCOG Retracked Range Flag	The master fail flag is set by the OCOG call, for one or more records, indicating the values stored in fields #18, #19, #20 and #21 should be ignored for these records.
CS_OFFL_SIR_FDM_220140617T204946_20140617T211004_B001	OCOG Retracked Range Flag	The master fail flag is set by the OCOG call, for one or more records, indicating the values stored in fields #18, #19, #20 and #21 should be ignored for these records.
CS_OFFL_SIR_FDM_220140617T222828_20140617T223252_B001	OCOG Retracked Range Flag	The master fail flag is set by the OCOG call, for one or more records, indicating the values stored in fields #18, #19, #20 and #21 should be ignored for these records.

6.7 L2 FDM SWH and Backscatter Measurement Flags

Each product is checked to detect parameters related to SWH and sigma0 that are flagged by the processing chain as missing or containing errors. Number of products with errors: 0

6.8 L2 FDM Geophysical Measurement Flags

Each product is checked to detect geophysical measurements flagged by the processing chain as missing or containing errors.

Number of products with errors: 13		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220140617T025058_20140617T030332_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T031240_20140617T031304_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T093000_20140617T094108_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T100903_20140617T103102_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T114942_20140617T115848_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T133343_20140617T135521_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T144026_20140617T144725_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T150928_20140617T153222_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T174746_20140617T175649_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T181936_20140617T182039_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T182340_20140617T183549_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T204946_20140617T211004_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140617T222828_20140617T223252_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

7. QCC Check

The QCC is a CryoSat facility that performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR_FDM_1B	145	0	0	0	0
SIR_FDM_2	142	0	0	0	0

7.1 QCC Errors

Number of QCC reports with errors:

7.2 Missing QCC Reports

Number of products with missing QCC reports: All

0