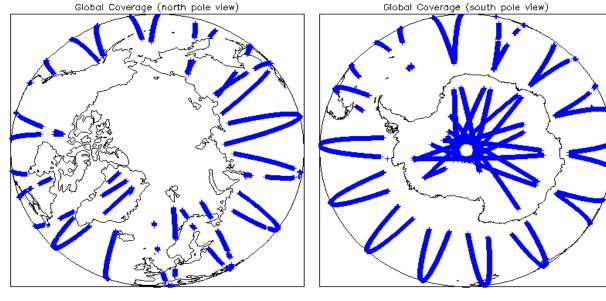
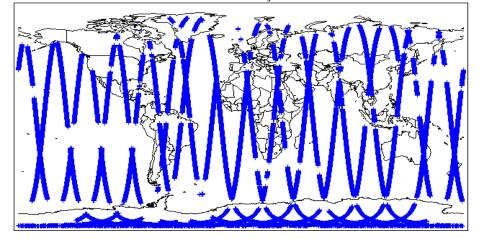


05-Feb-2014	None
06-Feb-2014	None
07-Feb-2014	Nothing planned

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

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 Check		
Each product is checked for missing Data Set Descriptors wrt a pre-determined baseline an Number of products with errors: 0	d also to check the validity of Auxiliary D	ata Files is correct.
4.4 L1 CAL Measurement Confidence Flags		
CryoSat Cal1 and Cal2 data includes a measurement confidence flag word (field 11) for each Number of products with errors: 0	ch measurement record. The bit value of	this flag indicates any problems when set.
	M Data Quality Chaoli	
5. Level 1B FD	M Data Quality Check	
5.1 L1B FDM Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to ensure it cons Number of products with errors: 0	ists of both an XML header file (.HDR) a	nd a binary product file (.DBL).
5.2 L1B FDM Product Header Analysis		
For all and units is action of two defined sheats are control without the MDU and CDU is and	n to identify on vincensistensise and/or	more select by the ground compart processing chain
For all products, a series of pre-defined checks are carried out on the MPH and SPH in orde Number of products with errors: 0	er to identity any inconsistencies and/or	errors raised by the ground-segment processing chain.
5.3 L1B FDM Auxilary Data File Usage Check		
	d also to should be well differed Associations	
Each product is checked for missing Data Set Descriptors wrt a pre-determined baseline an Number of products with errors: 0	d also to check the validity of Auxiliary L	ata Files is correct.
5.4 L1B Correction Error Flags		
Each product is checked to detect auxiliary corrections flagged by the ground-station process Number of products with errors: 0	ssing chain as missing or containing erro	rs.
5.5 L1B FDM Measurement Confidence Flags		
CryoSat L1B data includes a measurement confidence flag word (field 14) for each measure	ement record. The bit value of this flag ir	dicates any problems when set.
Number of products with errors: 5		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20140206T032326_20140206T032403_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20140206T045746_20140206T050005_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20140206T063629_20140206T063747_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20140206T092406_20140206T095934_B001 CS_OFFL_SIR_FDM_1B_20140206T234711_20140207T000148_B001	Attitude correction missing Echo error	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo
		The ECHO IX I EITOI hay is set, indicating a degraded raw echo
6. Level 2 FDI	M Data Quality Check	
6.1 L2 FDM Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to ensure it cons Number of products with errors: 0	ists of both an XML header file (.HDR) a	nd a binary product file (.DBL)
6.2 L2 FDM Product Header Analysis		
For all products, a series of pre-defined checks are carried out on the MPH and SPH in orde	er to identify any inconsistencies and/or	errors raised by the processing chain.
Currently there is a high number of processing error flags set within the Level 2 FDM product field #29) and also within the L2 Product files (MPH field #35 and SPH field #33). They are spercentage of Data Set Records free of processing errors is below the minimum acceptable	cts (Product_Err and L2_Proc_Flag). The set by the FDM processor when an error	ese flags are set within L2 Header files (MPH field #19 and SPH is detected during the L2 processing and also when the
This issue is under investigation. Number of products with errors: 0		
6.3 L2 FDM Auxiliary Data File Usage Check		
Each product is checked for missing Data Set Descriptors wrt a pre-determined baseline an Number of products with errors: 0	d also to check the validity of Auxiliary D	tata Files is correct.
6.4 L2 FDM Correction Error Flags		
		-
Each product is checked to detect auxiliary corrections flagged by the ground-station process Number of products with errors: 0	ssing chain as missing or containing end	is.
6.5 L2 FDM Measurement Confidence Flags		
CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. T	The bit value of this flag is an assessmer	t of the measurement quality by the processing chain.
Number of products with errors: 5		
Product CS_OFFL_SIR_FDM_220140206T032326_20140206T032403_B001	Test Failed Attitude correction missing	Description The attitude has not been corrected
CS_OFFL_SIR_FDM_220140206T052526_20140206T052405_5001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220140206T063629_20140206T063747_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220140206T092406_20140206T095934_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220140206T234711_20140207T000148_B001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo

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. 6

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220140206T020900_20140206T020914_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_220140206T032403_20140206T032409_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_220140206T042636_20140206T043157_B001		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_220140206T054109_20140206T055250_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_220140206T060543_20140206T061254_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_220140206T190333_20140206T190641_B001		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.

All

Number of products with errors: 8		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220140206T020900_20140206T020914_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_220140206T021037_20140206T021712_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_220140206T032403_20140206T032409_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_220140206T042636_20140206T043157_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_220140206T054109_20140206T055250_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_220140206T060543_20140206T061254_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_220140206T190333_20140206T190641_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_220140206T205814_20140206T212438_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	158	0	0	0	0
SIR_FDM_2	159	0	0	0	0
7.1 QCC Errors					

7.2 Missing QCC Reports

Number of products with missing QCC reports: