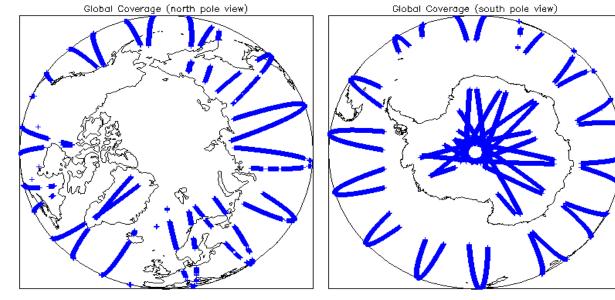
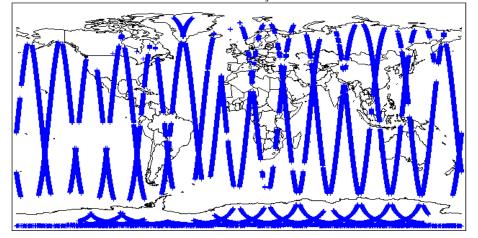


27-Dec-2013	None	
28-Dec-2013	Nothing planned	

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 & 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

Each quode it develop for manage Data Sea Compositions on a gate determined baseline and should be dreak the validity of Audiear Data File is connect. Add 11 CAL Measurement Confidence Filegs Updated at an accessment of confidence of sea of the UP in restorme autement neared. The oth value of the tag to access any processes when vest. Named or of products with ennors. Co. Co. Level 18 FDM Data Qualify Check Co. Link FDM Product Format Check Co.			
<form> Number of another sense and on production and space of plat 11 for each near sense or fore. This is subse of the lag instances and productions and space of plat 11 for each near sense or fore. This is subse of the lag instances and productions and space of plat 11 for each near sense or fore. This is subse of the lag instances and productions and space of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subse of plat 11 for each near sense or fore. This is subset of plat 11 for each near sense or fore. This is subset of each each each each each each each each</form>	4.3 L1 CAL Auxiliary Data File Usage Check		
Cycle Call and Call data includes a measurement on early read in the structure of read of the stru		d also to check the validity of Auxiliary D	ata Files is correct.
Bit Sector dip Sector di	4.4 L1 CAL Measurement Confidence Flags		
5.1128 FDM Product Format Check 0 Care pockets with energy: 0 5.2118 FDM Product Header Analysis 0 For all products a state of ps-shorted chasks are carefy and the MHH and MHH in order to for other, y any hourdatistances and/or arros raked by the gound-degraph processary draw. 0 5.2118 FDM Analisery Data File Usage Check 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		ch measurement record. The bit value of	this flag indicates any problems when set.
5.1 L1B FDM Product Format Check Eran policit, withward or dynapication the source server, is checked to ensure contribut of the (FDR) and a binary product file (DR). 5.2 L1B FDM Product Header Analysis For all product, a statistic of ps. statisti	5. Level 1B FD	M Data Quality Check	
Exploreduct, relieved and urpocked from the solence served. In checked to ensure it consists of both an XML header file (HDR) and a bherry product file (DDL). SALLE PDM Product Header Analysis Sal LIB EPDM Analysis Sal LIB Conception and particle with annotation any products with annotation any product any product file (DDL) and a binary product file (DDL) Sal LIB EDDM Product Header Analysis The Fabric Fabr			
Number of products with writeria 0 5.2 LIB FDM Product Header Analysis 0 5.3 LIB FDM Auxiliary Data File Usage Ober between and at the MFH and SHH is note the identity any incension denome ranked by the ground segment processing chain. S.3 LIB FDM Auxiliary Data File Usage Ober between and at the MFH and SHH is note the identity of available of review ranked by the ground segment processing chain as missing or centaring errors. S.3 LIB FDM Auxiliary Data File Usage Ober between and at the identity of available of review ranked by the ground states processing chain as missing or centaring errors. Namer of products with writeria 0 5.4 LIB FDM Measurement Confidence Files Crogets LID are holds as measurement confidence Files Crogets LID Are holds Cropets LID Are holds Cropets LID		iste of both on VML booder file (UDD) o	nd a binany and ust file (DDL)
A large data is a data of pro-defined checks are carried out on the MPH and SPH in oador to isofted y any increasation carries and/or oreas raised by the ground segment processing chain. Stall B FDM Auxiliary Data File Usage Check Each products with errors: 0 Stall B FDM Maximum Confidence Files Each products with errors: 0 Stall B FDM Maximum Confidence Files Each products with errors: 0 Stall B FDM Maximum Confidence Files Configuration of products with errors: 0 Stall B FDM Maximum Confidence Files word filed 14) for each measurement record. The bit value of this flag indicates any products with errors: 0 Stall B FDM Maximum Confidence Files word filed 14) for each measurement record. The bit value of this flag indicates any products with errors: 0 Stall B FDM Maximum Confidence Files word filed 14) for each measurement record. The bit value of this flag indicates any products with errors: 0 Stall B FDM Maximum Confidence Files word filed 14) for each measurement record. The bit value of this flag indicates any products with errors: 0 Configuration Files (Files (
Number of products with errors: 0 5.11B FDM Auxilary Data Flie Usage Check: Each products with errors: 0 0 0 5.11B FDM Auxilary Data Flie Usage Check: 0 Each products with errors: 0 0 0 5.11B FDM Measurement Confidence Flags 0 Cycles L18 data includes an enseurement confidence flag word data processing internation genos: Number of products with errors: 0 5.11B FDM Measurement Confidence Flags 0 Cycles L18 data includes an enseurement confidence flag word data processing internation genos: Number of products with errors: 0 2.6.11B FDM Measurement Confidence Flags Text Failed Description Cycles L18 data includes an enseurement record. The bit value of this flag indicates any products with errors: 0 2.6.11B FDM Product Format Check Eath product Suffage flag (SUL) [SUL] [S	5.2 L1B FDM Product Header Analysis		
Each product is checked for missing Data Bet Description wit a pre-determined baseline and also to check the validaty of Auxiliary Data Files is correct. Number of products with errors: 0 5.4 LTB Correction Error Flags Each product with errors: 0 5.5 LTB FDM Measurement Confidence Flags CrycSel L18 data incluses a measurement confidence flags used (idel 14) for each measurement record. The bit value of the flag indicates any problems when set. Number of products with errors: 3 CrycSel L18 data incluses a measurement confidence flags CrycSel L18 data incluses a measurement incluses a measuremen	•	er to identify any inconsistencies and/or	errors raised by the ground-segment processing chain.
Number of products with errors: 0 5.4.L1B Correction Error Flags 0 Cash products with errors: 0 5.5.L1B FDM Measurement Confidence Flags 0 Corps.4.L1B data includes a measurement confidence flags and bHI and SHI in order to indents any inconsistencies andor ormoraind to indents any inconsistencies andor or	5.3 L1B FDM Auxilary Data File Usage Check		
Each product is checked to detect auxiliary corrections flagged by the ground-station processing chain as massing or containing errors. Number of products with errors: 0 5.5 L1B FDM Measurement Confidence Flags CyroSo L1B data includes a measurement confidence flag word (field 14) for each measurement record. The bit value of this flag indicates any problems when set. Number of products with errors: 3 Fodext CS_OFFL_SIR_FDM_18_20132277039710_20132277089710_E001 Attude correction missing The attude has not been corrected Attude correction missing CS_OFFL_SIR_FDM_18_201312277089710_201312277089710_E001 Attude correction missing The attude has not been corrected Attude correction missing CS_OFFL_SIR_FDM_18_201312277089710_E001 Attude correction missing The attude has not been corrected CS_OFFL_SIR_FDM_18_201312277089710_E001 Attude correction missing The attude has not been corrected Attude correction missing The attude has not been corrected CS_OFFL_SIR_FDM_18_201312277089710_E001 Attude correction missing The attude has not been corrected CS_OFFL_SIR_FDM_18_201312277089710_E001 Attude correction missing The attude has not been corrected CS_OFFL_SIR_FDM_18_201312277089710_E001 Attude correction missing The attude has not been corrected CS_OFFL_SIR_FDM_18_201312277089710_E001 Attude correction missing The attude has not been corrected CS_OFFL_SIR_FDM_18_201312271089710_E001 Attude correction missing The attude has not been corrected CS_OFFL_SIR_FDM_18_201312271089710_E001 Attude correction missing The attude has not been corrected CS_OFFL_SIR_FDM_10000 CS_OFFL_SIR_FDM_20000 CS_OFFL_SIR_FDM_10000 CS_OFFL_SIR_FDM_10000 CS_OFFL_SIR_FDM_10000 CS_OFFL_SIR_FDM_20000 CS_OFFL_SIR_FDM_200000 CS_OFFL_SIR_FDM_200000 CS_OFFL_SIR_FDM_200000 CS_		d also to check the validity of Auxiliary D	ata Files is correct.
Number of products with errors: 0 S.S. L1B FDM Measurement Confidence Flags Crystel L1B data includes a measurement confidence Flags word (field 14) for each measurement record. The bit value of this flag includes any problems when set. Number of products with errors: 0 CS_OFFL_SIR, FDM, 18_201312277005740_201312277005740_2001 Attude correction missing The efflude has not been corrected CS_OFFL_SIR, FDM, 18_20131227700540_20131227700540_2001 Attude correction missing The efflude has not been corrected CS_OFFL_SIR, FDM, 18_20131227700540_20131227700540_2001 Attude correction missing The efflude has not been corrected CS_OFFL_SIR, FDM, 18_20131227700540_20131227700540_2001 Attude correction missing The efflude has not been corrected CS_OFFL_SIR, FDM, 18_20131227700540_20131227700540_2001 Attude correction missing The efflude has not been corrected CS_OFFL_SIR, FDM, 18_20131227700540_20131227700540_200 Attude correction missing The efflude has not been corrected CS_OFFL_SIR, FDM, 18_20131227700540_20131227700540_200 Attude correction missing The efflude has not been corrected CS_OFFL_SIR, FDM, 18_2013127700540_200 Attude correction missing The efflude has not been corrected CS_OFFL_SIR, FDM, 18_2013127700540_200 Attude correction missing The efflude has not been corrected SIR FDM Acting Correction Errors 0 State FDM Product Has data file Attage has not been co	5.4 L1B Correction Error Flags		
Sa La B DM Measurement Confidence Flags CruSal L 18 data includes a measurement confidence flag word (field 14) for each measurement record. The bit value of this flag indicates any problems when set. Number of products with errors: 3 Produc Tes Failed	Each product is checked to detect auxiliary corrections flagged by the ground-station proces	ssing chain as missing or containing erro	rs.
CryoSal L18 data includes a measurement confidence flag word (lefd 14) for each measurement record. The bit value of this flag indicates any problems when set. Number of products with error: 3 Product Test Failed Description CS_OFFL_SIR_FDM_IB_201312277063710_201312277064012_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_IB_201312277064012_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_IB_20131227706544_20131227706644_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_IB_20131227706544_20131227706644_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_RD_R_20131227706644_20131227706644_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_RD_R_20131227706644_20131227706644_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_RD_R_20131227706644_20131227706644_R001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_RD_R_20131227706644_20131227706644_20131227706641_2013127706641_20131 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_R_R_2013122706641_2013127706641_20131 Correction resing The attaude has not been corrected COrren	Number of products with errors: 0		
CryoSal L18 data includes a measurement confidence flag word (lefd 14) for each measurement record. The bit value of this flag indicates any problems when set. Number of products with error: 3 Product Test Failed Description CS_OFFL_SIR_FDM_IB_201312277063710_201312277064012_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_IB_201312277064012_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_IB_20131227706544_20131227706644_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_IB_20131227706544_20131227706644_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_RD_R_20131227706644_20131227706644_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_RD_R_20131227706644_20131227706644_B001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_RD_R_20131227706644_20131227706644_R001 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_RD_R_20131227706644_20131227706644_20131227706641_2013127706641_20131 Attaude correction missing The attaude has not been corrected CS_OFFL_SIR_FDM_R_R_2013122706641_2013127706641_20131 Correction resing The attaude has not been corrected COrren	5.5 L1B FDM Measurement Confidence Flags		
Number of products with errors: 3 Product Test Failed Description CS_OFFL_SIR_FDM_IB_20131227706331_02131227706431_28001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_IB_20131227706333_0131227706133_01012277069544_20031 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_IB_20131227706331_021312277069544_201312277069544_20031 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_IB_201312277069544_201312277069544_201312277069544_20031 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_IB_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_201312277069544_20131277069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_20131227069544_2014112		ement record. The bit value of this flag in	dicates any problems when set
CS_OFFL_SIR_FDM_1B_20131227T064012_D011227T064012_B001 Attlude correction missing The attlude has not been corrected CS_OFFL_SIR_FDM_1B_20131227T061533_20131227T061730_B001 Attlude correction missing The attlude has not been corrected CS_OFFL_SIR_FDM_1B_20131227T065544_20131227T065644_B001 Attlude correction missing The attlude has not been corrected Correction Format Check			underes any problems when set.
CS_OFFL_SIR_FDM_18_20131227T081533_20131227T08544_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_18_20131227T085544_20131227T085644_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_18_20131227T085544_20131227T085644_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_18_20131227T085544_20131227T085644_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_18_20131227T085644_20131227T085644_B001 Other Situation of Correction Fills The attitude has not been corrected CS_OFFL_SIR_FDM_18_20131227T085642 Statuation of Correction Fills Statuation of Correction Fills Call CFDM Product Format Check Statuation of Correction Fills Statuation of Correction Fills For all products with errors: 0 O Carrectly there is a high number of processing errors is below the minimum acceptable threshold set within the processor (currently set to 5%). This issue is under investigation. Number of products with errors: 0 O Statuation fills Correction Error Fills Statuation processing errors. Statuation is checked to takelian availary corrections flagged by the ground-station processing chain as missing or containing errors. Number of products with errors: 0 Statuation Correction Error Fills Statuation contalining errors. Statuation is ch	Product CS_OFEL_SIR_EDM_1R_20131227T063710_20131227T064012_B001		
CS_OFFL_SIR_FDM_1B_20131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T095644_00131227T0957544_00131227T0957544_00131227T0957544_00131227T0957544_00131227T0957544_00131227T0957544_00131227T095754_00131227T095754_00131227T0957510_0131227T095701_0131227T095701_0131227T095701_0131227T095701_0131227T095701_00131227T095701_00131227T095701_00131227T095701_00131227T095701_00131227T095701_00131227T095701_00131227T095701_00131227T095700_0013 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T085701_00131227T081703_0001 Attitude correction missing The attitude has not been corrected The attitude has not been corrected		-	
6.1 L2 FDM 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 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 order to identify any inconsistencies and/or errors raised by the processing drain. Currently there is a high number of processing error flags set within the Level 2 FDM products (Product [Er and L2_Proc_Flag). These flags are set within L2 Header files (MPH field #19 and SPH field #33 and SPH field #33. They are set by the FDM processor when an error is detected during the L2 processing and also when the precensing of Data Set Records free of processing and SPH field #33. They are set by the FDM processor when an error is detected during the L2 processing and also when the precense of Data Set Records free of processing on the iminum acceptable threshold set within the processor (current) set to 5%). This issue is under investigation. 0 Number of products with errors: 0 6.1 L2 FDM Auxiliary Data File Usage Check Each product swith errors: 0 6.1 L2 FDM Correction Error Flags Imination of processing chain as missing or containing errors. Number of products with errors: 0 Imination of products with errors: 0 6.1 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality fag word (field 8) for each 20-Hz measurement		_	The attitude has not been corrected
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 Sci L2 FDM Product Header Analysis	6. Level 2 FDI	M Data Quality Check	
Number of products with errors: 0 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 order 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 products (Product, Err and L2 Proc, Flag). These flags are set within L2 header flies (MPH field #35 and SPH field #33). They are set by the FDM processor vhen an error is detected during the L2 processing and also when the percentage of Data Set Records free of processing errors is below the minimum acceptable threshold set within 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 Check Each product swith errors: 0 6.4 L2 FDM Correction Error Flags Each product swith errors: 0 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field #) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 0 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field #) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors:	6.1 L2 FDM Product Format Check		
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 order 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 products (Product, Err and L2, Proc, Flag). These flags are set within L2 Header files (MPH field #19 and SPH field #29) and also within the L2 Product flags (MPH field #31 may are set by the PFDM processor (currently set to 5%). 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 wit a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 L2 FDM Correction Error Flags 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 6.5 L2 FDM Measurement Confidence Flags CryoSal L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product Tes Failed Description CyoSal L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit v	Each product, retrieved and unpacked from the science server, is checked to ensure it cons	ists of both an XML header file (.HDR) a	nd a binary product file (.DBL)
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. Currently there is a high number of processing error flags set within the Level 2 FOM products (Product_Err and L2_Proc_Flag). These flags are set within 12 Header flies (MPH field #33 and SPH field #33). They are set by the FOM processor when an error is detected during the L2 processing and also when the percentage of Data Set Records free of processing errors is below the minimum acceptable threshold set within 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 Check Each product is checked for missing Data Set Descriptors wit a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 L2 FDM Correction Error Flags 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 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product Test Failed Description CS_OFFL_SIR_FDM_2_20131227T	Number of products with errors: 0		
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. Currently there is a high number of processing error flags set within the Level 2 FOM products (Product_Err and L2_Proc_Flag). These flags are set within 12 Header flies (MPH field #33 and SPH field #33). They are set by the FOM processor when an error is detected during the L2 processing and also when the percentage of Data Set Records free of processing errors is below the minimum acceptable threshold set within 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 Check Each product is checked for missing Data Set Descriptors wit a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 L2 FDM Correction Error Flags 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 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product Test Failed Description CS_OFFL_SIR_FDM_2_20131227T	6.2 L2 FDM Product Header Analysis		
Currently there is a high number of processing error flags set within the Level 2 FDM products (Product_Err and L2_Proc_Flag). These flags are set within L2 Header files (MPH field #19 and SPH field #35). They are set by the FDM processor when an error is detected during the L2 processing and also when the percentage of Data Set Records free of processing errors is below the minimum acceptable threshold set within the processor (currently set to 5%). This issue is under investigation. Number of products with errors: 0 6.4 L2 FDM Auxiliary Data File Usage Check Each product is checked for missing Data Set Descriptors wrt a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 L2 FDM Correction Error Flags 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 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product CS_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 CS_OFFL_SIR_FDM_2_20131227T081730_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T081730_B001 Attitude correction missing COMPANY Correction missing COMPANY Correction missing COMPANY Correction missing CS_OFFL_SIR_FDM_2_20131227T081730_B001 CS_OFF		er to identify any inconsistencies and/or	errors raised by the processing chain.
Number of products with errors: 0 6.3 L2 FDM Auxiliary Data File Usage Check Each product is checked for missing Data Set Descriptors wit a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 L2 FDM Correction Error Flags 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 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product Test Failed Description CS_OFFL_SIR_FDM_2_20131227T0643710_20131227T0640112_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T081633_20131227T081703_B001 Attitude correction missing The attitude has not been corrected	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 set within the set of t	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
6.3 L2 FDM Auxiliary Data File Usage Check Each product is checked for missing Data Set Descriptors wit a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 L2 FDM Correction Error Flags 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 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product Test Failed Description CS_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T08133_20131227T081730_B001 Attitude correction missing The attitude has not been corrected	This issue is under investigation.		
Each product is checked for missing Data Set Descriptors wrt a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 L2 FDM Correction Error Flags 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 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product Cs_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected Chain and the correction missing	Number of products with errors: 0		
Number of products with errors: 0 6.4 L2 FDM Correction Error Flags 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 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product Test Failed Description CS_OFFL_SIR_FDM 2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM 2_20131227T081633_20131227T081730_B001 Attitude correction missing The attitude has not been corrected	6.3 L2 FDM Auxiliary Data File Usage 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: CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product CS_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T081633_20131227T081730_B001 Attitude correction missing		d also to check the validity of Auxiliary D	ata Files is correct.
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: CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product CS_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T081633_20131227T081730_B001 Attitude correction missing	6.4 L2 FDM Correction Error Flags		
Number of products with errors: 0 6.5 L2 FDM Measurement Confidence Flags CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product Test Failed Description CS_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T081633_20131227T081730_B001 Attitude correction missing The attitude has not been corrected		ssing chain as missing or containing erro	rs.
CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain. Number of products with errors: 3 Product Test Failed Description CS_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T081633_20131227T081730_B001 Attitude correction missing The attitude has not been corrected		, , , , , , , , , , , , , , , , , , ,	-
Number of products with errors: 3 Product Test Failed Description CS_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T081633_20131227T081730_B001 Attitude correction missing The attitude has not been corrected	6.5 L2 FDM Measurement Confidence Flags		
Product Test Failed Description CS_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T081633_20131227T081730_B001 Attitude correction missing The attitude has not been corrected	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.
CS_OFFL_SIR_FDM_2_20131227T063710_20131227T064012_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_FDM_2_20131227T081633_20131227T081730_B001 Attitude correction missing The attitude has not been corrected	Number of products with errors: 3		
CS_OFFL_SIR_FDM_2_20131227T081633_20131227T081730_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. 3

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220131227T072042_20131227T073036_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_220131227T133804_20131227T135040_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_220131227T193643_20131227T195415_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.

|--|--|--|--|--|

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220131227T223844_20131227T231235_B001	OCOG Backscatter Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #47, #48, #49 and #50 should be ignored for these records.
	1	

6.8 L2 FDM Geophysical Measurement Flags

0

All

1

Each product is checked to detect geophysical measurements flagged by the processing ch	ain as missing or containing errors.	
Number of products with errors: 5		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220131227T024839_20131227T030304_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_220131227T035724_20131227T041350_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_220131227T072042_20131227T073036_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_220131227T133804_20131227T135040_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_220131227T193643_20131227T195415_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.

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	171	0	0	0	0
SIR_FDM_2	168	0	0	0	0

7. QCC Check

7.1 QCC Errors

Number of QCC reports with errors:

7.2 Missing QCC Reports

Number of products with missing QCC reports: