



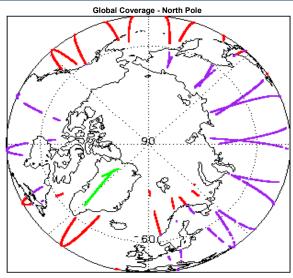
1. Overview

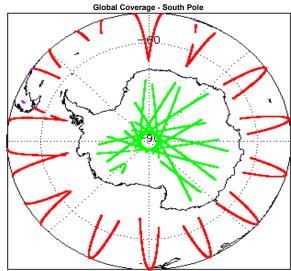
Report Production Date:	31-Jan-2017
Processor Used:	CryoSat Ice Processor
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data

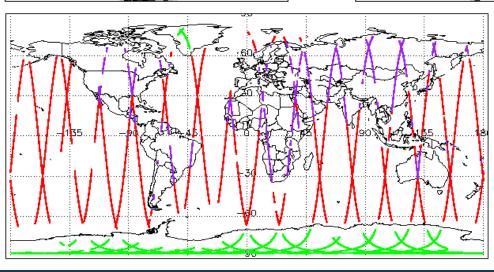
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 6.4
Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8

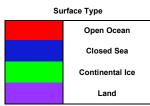
Miss	Mission / Instrument News		
29-	-Jan-2017	None	
30-	-Jan-2017	None	
31-	-Jan-2017	Nothing planned	

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
Star Tracker(s) in use:	Star Tracker 1

4. Level 0 Data Quality Check

4.1 L0 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).

4.2 L0 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:

8			
8			

Product	Test Failed
CS_OPER_SIR1SAR_020170130T214957_20170130T215433_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170130T001939_20170130T002733_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170130T020823_20170130T021038_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170130T232659_20170130T233636_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020170130T213532_20170130T213915_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_0_20170130T201946_20170130T202018_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020170130T191137_20170130T191333_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020170130T201433_20170130T201923_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

5. Level 1B FDM Data Quality Check

5.1 L1B 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:

5.2 L1B 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 ground-segment processing chain.

Number of products with errors:

5.3 L1B FDM Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing.

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20170130T001038_20170130T001132_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20170130T015021_20170130T015039_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20170130T051319_20170130T051637_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20170130T214417_20170130T214506_C001	No Star Tracker file used in the processing of this product

5.4 L1B FDM Calibration Usage Check

Each product is checked in order to ensure the necessary calibration files have been used in processing.

Number of products with errors: 0

5.5 L1B FDM Auxilary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

umber of products with errors:

5.6 L1B FDM Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

5.7 L1B FDM Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20170130T001038_20170130T001132_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20170130T015021_20170130T015039_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20170130T051319_20170130T051637_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20170130T214417_20170130T214506_C001	Attitude correction missing	The attitude has not been corrected

6. Level 2 FDM Data Quality Check

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:

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 ground-segment processing chain.

Number of products with errors:

6.3 L2 FDM Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

6.4 L2 FDM 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:

30

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170130T000221_20170130T000449_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T000737_20170130T000841_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T001658_20170130T001754_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T011830_20170130T012112_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T015403_20170130T015630_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T022201_20170130T024409_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T025737_20170130T031037_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T032016_20170130T032459_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T035017_20170130T042312_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T052726_20170130T052736_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T053145_20170130T054434_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T054636_20170130T060221_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T063511_20170130T064609_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T071013_20170130T071920_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T072636_20170130T074108_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T075453_20170130T082840_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T083104_20170130T083147_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T085804_20170130T092109_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T093353_20170130T100300_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T103305_20170130T110008_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T113038_20170130T114801_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T134601_20170130T134654_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T135954_20170130T141903_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T143155_20170130T150627_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T153610_20170130T155347_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T161225_20170130T162832_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T162836_20170130T163347_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T163422_20170130T164141_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T170121_20170130T171929_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T172036_20170130T173416_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T175117_20170130T180653_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T180855_20170130T181817_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T184603_20170130T185735_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T191333_20170130T191458_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T202355_20170130T205635_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T211001_20170130T213532_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T220652_20170130T221816_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T224859_20170130T231602_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220170130T234113_20170131T001357_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records

6.5 L2 FDM Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag (field 8) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170130T001038_20170130T001132_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220170130T015021_20170130T015039_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220170130T051319_20170130T051637_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220170130T214417_20170130T214506_C001	Attitude correction missing	The attitude has not been corrected

6.6 L2 FDM Range Measurement Check

CryoSat L2 data includes a CFI (field 17) and OCOG (field 22) Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_2_20170130T001658_20170130T001754_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T015403_20170130T015630_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T022201_20170130T024409_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T035017_20170130T042312_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T053145_20170130T054434_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T054636_20170130T060221_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T071013_20170130T071920_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T075453_20170130T082840_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T083104_20170130T083147_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T093353_20170130T100300_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T103305_20170130T110008_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T134601_20170130T134654_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T135954_20170130T141903_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T143155_20170130T150627_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T153610_20170130T155347_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T161225_20170130T162832_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T162836_20170130T163347_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T172036_20170130T173416_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T175117_20170130T180653_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T180855_20170130T181817_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T184603_20170130T185735_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T191333_20170130T191458_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T224859_20170130T231602_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.

6.7 L2 FDM SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH-Squared Averaging Status flag (field 39) and an CFI (field 45) and OCOG (field 51) Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170130T001658_20170130T001754_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T015403_20170130T015630_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T022201_20170130T024409_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T035017_20170130T042312_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T053145_20170130T054434_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T054636_20170130T060221_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T071013_20170130T071920_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T075453_20170130T082840_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220170130T083104_20170130T083147_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170130T134661_20170130T144654_C001 CS_OFFL_SIR_FDM_2_20170130T135954_20170130T14903_C001 CS_OFFL_SIR_FDM_2_20170130T143155_20170130T14903_C001 CS_OFFL_SIR_FDM_2_20170130T143155_20170130T150627_C001 CS_OFFL_SIR_FDM_2_20170130T153610_20170130T155347_C001 CS_OFFL_SIR_FDM_2_20170130T16235_20170130T162332_C001 CS_OFFL_SIR_FDM_2_20170130T16236_20170130T1623347_C001 CS_OFFL_SIR_FDM_2_20170130T16236_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T16236_20170130T16355_C001 CS_OFFL_SIR_FDM_2_20170130T164663_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T1818775_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T18458_C001 CFI Backscatter Status Flag. SWH Squared Averaging Status Flag CFI Backscatter Status Flag. SWH Squared Averaging Status Flag CFI Backscatter Status Flag. SWH Squared Averaging Status Flag CFI Backscatter Status Flag. SWH Squared Averaging Status Flag CFI Backscatter Status Flag. SWH Squared Averaging Status Flag CFI Backscatter Status Flag. SWH Squared Averaging Status Flag CFI Backscatter Status Flag. SWH Squared Averaging Status Flag CFI Backscatter Status Flag. SWH Squ	CS_OFFL_SIR_FDM_220170130T093353_20170130T100300_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
S_OFFL_SIR_FDM_2_20170130T134601_20170130T141903_C001 CS_OFFL_SIR_FDM_2_20170130T135954_20170130T141903_C001 CS_OFFL_SIR_FDM_2_20170130T143555_20170130T150627_C001 CS_OFFL_SIR_FDM_2_20170130T143155_20170130T150627_C001 CS_OFFL_SIR_FDM_2_20170130T153610_20170130T150347_C001 CS_OFFL_SIR_FDM_2_20170130T163610_20170130T16232_C001 CS_OFFL_SIR_FDM_2_20170130T16225_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T1780855_20170130T180855_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T19458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T19458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag SWH Squared Averaging Statu	CS_OFFL_SIR_FDM_220170130T103305_20170130T110008_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20170130T135954_20170130T150627_C001 CS_OFFL_SIR_FDM_2_20170130T143155_20170130T150627_C001 CS_OFFL_SIR_FDM_2_20170130T153610_20170130T155347_C001 CS_OFFL_SIR_FDM_2_20170130T153610_20170130T155347_C001 CS_OFFL_SIR_FDM_2_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T175117_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T1881817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T1881817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T1881817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T1881817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T188575_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared A	CS_OFFL_SIR_FDM_220170130T134601_20170130T134654_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T143155_20170130T150627_C001 CS_OFFL_SIR_FDM_2_20170130T153610_20170130T155347_C001 CS_OFFL_SIR_FDM_2_20170130T161225_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T161225_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T180853_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag CFI	CS_OFFL_SIR_FDM_220170130T135954_20170130T141903_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T153610_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T161225_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T162832_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T175117_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T18185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscat	CS_OFFL_SIR_FDM_220170130T143155_20170130T150627_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T161283_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T162836_20170130T163347_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T175117_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T1224859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T1224859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T234859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T234859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T234859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T234859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T234859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T234859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T234859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T234859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T234859_2	CS_OFFL_SIR_FDM_220170130T153610_20170130T155347_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T162836_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T172036_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T180655_C001 CS_OFFL_SIR_FDM_2_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T180655_C001 CS_OFFL_SIR_FDM_2_20170130T180655_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag Indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records	CS_OFFL_SIR_FDM_220170130T161225_20170130T162832_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T172036_20170130T173416_C001 CS_OFFL_SIR_FDM_2_20170130T175117_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Status Flag CFI Backscatter Status Flag, SWH Squared Status Flag CFI Backscatter Status Flag, SWH Squared Status Flag CFI Backscatter Status Flag	CS_OFFL_SIR_FDM_220170130T162836_20170130T163347_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T175117_20170130T180653_C001 CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag C	CS_OFFL_SIR_FDM_220170130T172036_20170130T173416_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T180855_20170130T181817_C001 CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter S	CS_OFFL_SIR_FDM_220170130T175117_20170130T180653_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T184603_20170130T185735_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag CFI Backscatt	CS_OFFL_SIR_FDM_220170130T180855_20170130T181817_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T191333_20170130T191458_C001 Squared Averaging Status Flag. SWH Squared Averaging Status Flag. SWH CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CFI Backscatter Status Flag. SWH Squared Averaging Status	CS_OFFL_SIR_FDM_220170130T184603_20170130T185735_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170130T224859_20170130T231602_C001 CFI Backscatter Status Flag, SWH indicating the values stored in fields #41, #42, #43 and #44 should be	CS_OFFL_SIR_FDM_220170130T191333_20170130T191458_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
	CS_OFFL_SIR_FDM_220170130T224859_20170130T231602_C001		indicating the values stored in fields #41, #42, #43 and #44 should be

6.8 L2 FDM Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag (field 66) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

dumber of products with errors:

Product Test Failed Description The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T000221_20170130T000449_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170130T000737 20170130T000841 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T001658_20170130T001754_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean ${\tt CS_OFFL_SIR_FDM_2_20170130T003032_20170130T010514_C001}$ Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T015403_20170130T015630_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. 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_2__20170130T021039_20170130T021915_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T022201_20170130T024409_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T025737_20170130T031037_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T032016_20170130T032459_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T035017_20170130T042312_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T044115_20170130T051141_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T053145_20170130T054434_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T054636_20170130T060221_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. 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_2__20170130T061838_20170130T062852_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T063511_20170130T064609_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T071013_20170130T071920_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T072214_20170130T072456_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T072636_20170130T074108_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T075453_20170130T082840_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T083104_20170130T083147_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T085804_20170130T092109_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170130T093353 20170130T100300 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T103305_20170130T110008_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170130T121034 20170130T122042 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170130T125327_20170130T132635_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. 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_2__20170130T134601_20170130T134654_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170130T135149 20170130T135324 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records.

CS_OFFL_SIR_FDM_220170130T135954_20170130T141903_C001	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_220170130T143155_20170130T150627_C001	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_220170130T153610_20170130T155347_C001	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_220170130T161225_20170130T162832_C001	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_220170130T162836_20170130T163347_C001	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_220170130T172036_20170130T173416_C001	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_220170130T175117_20170130T180653_C001	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_220170130T180855_20170130T181817_C001	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_220170130T184603_20170130T185735_C001	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_220170130T191333_20170130T191458_C001	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_220170130T202355_20170130T205635_C001	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_220170130T211001_20170130T213532_C001	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_220170130T220652_20170130T221816_C001	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_220170130T224859_20170130T231602_C001	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 Report Analysis

The Quality Control for CryoSat (QCC) facility 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
SIR1LRM_0_	187	187	187	0	0
SIR1SAR_0_	127	127	127	0	0
SIR1SIN_0_	112	112	112	0	0
SIR2SIN_0_	115	115	115	0	0
SIR_FDM_1B	187	187	187	0	0
SIR FDM 2	182	182	182	0	0

7.1 QCC Errors

Number of QCC reports with errors:

0

7.2 QCC Warnings

Number of QCC reports with warnings

0

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0