



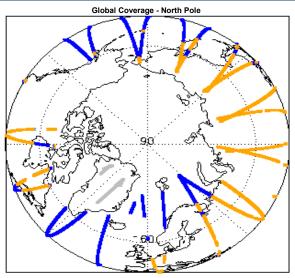
1. Overview

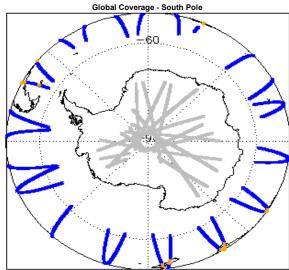
Report Production Date:	28-Aug-2015	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	

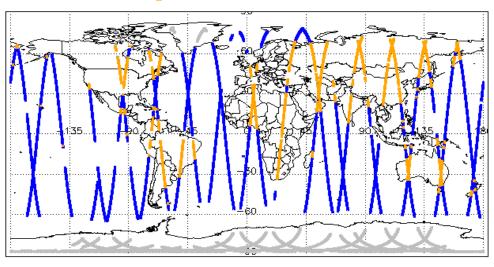
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File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

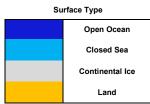
Mission / Instrument News		
26-Aug-2015	None	
27-Aug-2015 SIRAL unavailability on 27-Aug-2015 from 01:04:00 to 02:50:21 due to a planned orbit manoeuvre.		
28-Aug-2015 Nothing planned		

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
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:

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_20150827T005217_20150827T005438_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20150827T052132_20150827T055411_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20150827T235824_20150828T000510_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:

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.

Number of products with errors: 0

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_20150827T005217_20150827T005438_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150827T052132_20150827T055411_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150827T104507_20150827T105029_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20150827T235824_20150828T000510_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: 0

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.

Number of products with errors:

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: 44

Test Failed	Description
	There is an error with the Altimetric Wind Speed and Sea State Bias
	Correction for one or more records
	There is an error with the Altimetric Wind Speed and Sea State Bias
	Correction for one or more records
	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Con State Bion Correction	There is an error with the Sea State Bias Correction for one or more
sea state bias Currection	records
5 ^ 5 ^	ea State Bias Correction, Altimetric /ind Speed ea State Bias Correction, Altimetric /ind Speed ea State Bias Correction, Altimetric /ind Speed ea State Rias Correction

CS_OFFL_SIR_FDM_220150827T041701_20150827T041846_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_220150827T042859_20150827T044022_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150827T044121_20150827T045902_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_220150827T045913_20150827T050401_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_220150827T052132_20150827T055411_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_220150827T060747_20150827T064321_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_220150827T070221_20150827T071448_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_220150827T074637_20150827T080543_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_220150827T080746_20150827T082223_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_220150827T083947_20150827T084407_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_220150827T084429_20150827T085401_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_220150827T085635_20150827T090910_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_220150827T091033_20150827T091249_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_220150827T101712_20150827T102747_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_220150827T103428_20150827T104245_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_220150827T112206_20150827T114007_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_220150827T115558_20150827T120700_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_220150827T121230_20150827T122325_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150827T125440_20150827T131932_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_220150827T135027_20150827T140928_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_220150827T142051_20150827T142814_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_220150827T143124_20150827T143402_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150827T145436_20150827T145604_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_220150827T151528_20150827T153626_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_220150827T153912_20150827T155033_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150827T161145_20150827T163706_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_220150827T165427_20150827T173020_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_220150827T183412_20150827T185046_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_220150827T185528_20150827T190945_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_220150827T194140_20150827T195558_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_220150827T201305_20150827T202750_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_220150827T202950_20150827T203923_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_220150827T210253_20150827T211839_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_220150827T215258_20150827T220856_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_220150827T221104_20150827T221437_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150827T224039_20150827T224043_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150827T224117_20150827T224912_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_220150827T225038_20150827T230005_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20150827T233256_20150827T235454_C001	Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220150827T235502_20150827T235628_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed	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:

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.

Number of products with errors:

Product Test Failed Description 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 CS_OFFL_SIR_FDM_2__20150827T002311_20150827T004915_C001 CFI Retracked Range Flag 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 #13, #14, #15 and #16 should be CS_OFFL_SIR_FDM_2__20150827T025150_20150827T032458_C001 CFI Retracked Range Flag 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 #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2__20150827T041701_20150827T041846_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records, ${\tt CS_OFFL_SIR_FDM_2_20150827T044121_20150827T045902_C001}$ indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CFI Retracked Range Flag

		The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220150827T045913_20150827T050401_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220150827T052132_20150827T055411_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_220150827T060747_20150827T064321_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_220150827T070221_20150827T071448_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_220150827T074637_20150827T080543_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_220150827T080746_20150827T082223_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_220150827T083947_20150827T084407_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_220150827T084429_20150827T085401_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_220150827T085635_20150827T090910_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_220150827T091033_20150827T091249_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_220150827T101712_20150827T102747_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_220150827T103428_20150827T104245_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_220150827T112206_20150827T114007_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_220150827T115558_20150827T120700_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_220150827T125440_20150827T131932_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_220150827T135027_20150827T140928_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_220150827T142051_20150827T142814_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_220150827T151528_20150827T153626_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. The master fail flag is not by the CFI call, for one or more records.
CS_OFFL_SIR_FDM_220150827T165427_20150827T173020_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220150827T183412_20150827T185046_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 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_220150827T185528_20150827T190945_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220150827T194140_20150827T195558_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. The master fail flag is set by the CFI call, for one or more records.
CS_OFFL_SIR_FDM_220150827T201305_20150827T202750_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220150827T202950_20150827T203923_C001	CFI Retracked Range Flag	Indicating the values stored in fields #13, #14, #15 and #16 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_220150827T210253_20150827T211839_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220150827T224117_20150827T224912_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_220150827T225038_20150827T230005_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_220150827T235502_20150827T235628_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
	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_220150827T025150_20150827T032458_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_220150827T041701_20150827T041846_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_220150827T044121_20150827T045902_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_220150827T045913_20150827T050401_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_220150827T052132_20150827T055411_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_220150827T060747_20150827T064321_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_220150827T070221_20150827T071448_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_220150827T074637_20150827T080543_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_220150827T080746_20150827T082223_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_220150827T083947_20150827T084407_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_220150827T084429_20150827T085401_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_220150827T085635_20150827T090910_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_220150827T091033_20150827T091249_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_220150827T101712_20150827T102747_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_220150827T103428_20150827T104245_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_220150827T112206_20150827T114007_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_220150827T115558_20150827T120700_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_220150827T125440_20150827T131932_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_220150827T135027_20150827T140928_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_220150827T142051_20150827T142814_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_220150827T151528_20150827T153626_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_220150827T165427_20150827T173020_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_220150827T183412_20150827T185046_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_220150827T185528_20150827T190945_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_220150827T194140_20150827T195558_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_220150827T201305_20150827T202750_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_220150827T202950_20150827T203923_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_220150827T210253_20150827T211839_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_220150827T224117_20150827T224912_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_220150827T225038_20150827T230005_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_220150827T235502_20150827T235628_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.

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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220150827T002311_20150827T004915_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_220150827T025150_20150827T032458_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_2_20150827T034307_20150827T040749_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_220150827T041701_20150827T041846_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_2_20150827T042859_20150827T044022_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_220150827T044121_20150827T045902_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_220150827T045913_20150827T050401_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.

CO OFFI OID FDM 2 20450927T052422 20450927T055444 C004	Ocean Retrocking Quality Flog	The Ocean Ret
CS_OFFL_SIR_FDM_220150827T052132_20150827T055411_C001	Ocean Retracking Quality Flag	Retracker was in The Ocean Ret
CS_OFFL_SIR_FDM_220150827T060747_20150827T064321_C001	Ocean Retracking Quality Flag	Retracker was i
CS_OFFL_SIR_FDM_220150827T070221_20150827T071448_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was i
CS_OFFL_SIR_FDM_220150827T071601_20150827T073247_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was r
CS_OFFL_SIR_FDM_220150827T074637_20150827T080543_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was
CS_OFFL_SIR_FDM_220150827T080746_20150827T082223_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was
CS_OFFL_SIR_FDM_220150827T083947_20150827T084407_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was r
CS_OFFL_SIR_FDM_220150827T084429_20150827T085401_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was
CS_OFFL_SIR_FDM_220150827T085635_20150827T090910_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was i
CS_OFFL_SIR_FDM_2_20150827T091033_20150827T091249_C001	Ocean Retracking Quality Flag	The Ocean Ret
CS_OFFL_SIR_FDM_2_20150827T094706_20150827T100112_C001	Ocean Retracking Quality Flag	The Ocean Ret
		Retracker was in The Ocean Ret
CS_OFFL_SIR_FDM_220150827T101712_20150827T102747_C001	Ocean Retracking Quality Flag	Retracker was in The Ocean Ret
CS_OFFL_SIR_FDM_220150827T103317_20150827T103425_C001	Ocean Retracking Quality Flag	Retracker was i
CS_OFFL_SIR_FDM_220150827T103428_20150827T104245_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was i
CS_OFFL_SIR_FDM_220150827T112206_20150827T114007_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was r
CS_OFFL_SIR_FDM_2_20150827T115558_20150827T120700_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was r
CS_OFFL_SIR_FDM_220150827T121230_20150827T122325_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was r
CS_OFFL_SIR_FDM_2_20150827T125440_20150827T131932_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was i
CS_OFFL_SIR_FDM_220150827T135027_20150827T140928_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was r
CS_OFFL_SIR_FDM_220150827T142051_20150827T142814_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was r
CS_OFFL_SIR_FDM_220150827T143124_20150827T143402_C001	Ocean Retracking Quality Flag	The Ocean Ret
CS_OFFL_SIR_FDM_220150827T151528_20150827T153626_C001	Ocean Retracking Quality Flag	The Ocean Ret
CS_OFFL_SIR_FDM_220150827T153912_20150827T155033_C001	Ocean Retracking Quality Flag	The Ocean Ret
CS_OFFL_SIR_FDM_220150827T160042_20150827T160352_C001	Ocean Retracking Quality Flag	The Ocean Ret
CS_OFFL_SIR_FDM_2_20150827T161145_20150827T163706_C001	Ocean Retracking Quality Flag	Retracker was in The Ocean Ret
	Ocean Retracking Quality Flag	Retracker was in The Ocean Ret
		Retracker was in The Ocean Ret
CS_OFFL_SIR_FDM_220150827T183412_20150827T185046_C001	Ocean Retracking Quality Flag	Retracker was in The Ocean Ret
CS_OFFL_SIR_FDM_220150827T185528_20150827T190945_C001	Ocean Retracking Quality Flag	Retracker was i
CS_OFFL_SIR_FDM_220150827T194140_20150827T195558_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was i
CS_OFFL_SIR_FDM_220150827T201305_20150827T202750_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was i
CS_OFFL_SIR_FDM_220150827T202950_20150827T203923_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was r
CS_OFFL_SIR_FDM_220150827T210253_20150827T211839_C001	Ocean Retracking Quality Flag	The Ocean Ret Retracker was r
CS_OFFL_SIR_FDM_220150827T212344_20150827T213653_C001	Ocean Retracking Quality Flag	The Ocean Ret
CS_OFFL_SIR_FDM_220150827T215258_20150827T220856_C001	Ocean Retracking Quality Flag	The Ocean Ret
CS_OFFL_SIR_FDM_2_20150827T221104_20150827T221437_C001	Ocean Retracking Quality Flag	Retracker was in The Ocean Ret
	Ocean Retracking Quality Flag	Retracker was in The Ocean Ret
		Retracker was r The Ocean Ret
CS_OFFL_SIR_FDM_220150827T224117_20150827T224912_C001	Ocean Retracking Quality Flag	Retracker was in The Ocean Ret
CS_OFFL_SIR_FDM_220150827T225038_20150827T230005_C001	Ocean Retracking Quality Flag	Retracker was i
CS_OFFL_SIR_FDM_220150827T235502_20150827T235628_C001	Ocean Retracking Quality Flag	Retracker was

etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean s not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. tracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records. etracking Quality Flag is set indicating the CFI Ocean not successfully executed for one or more records.