

29-Sep-2016 Nothing planned

IDEAS+ Daily Report for FDM data:

<u>28/09/2016</u>

1. Overview				
		Check	Status	
Report Production Date:	29-Sep-2016	Server check: science-pds.cryosat.esa.int	Nominal	
		Server check: calval-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Product Software Check	Nominal	
D ()	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	Product Format Check	Nominal	
Data Used:		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	
		<u> </u>		
lission / Instrument News				
27-Sep-2016 None				
28-Sep-2016 None				

Global C

2. G	lobal Coverage
Global Coverage - North Pole	Global Coverage - South Pole
	Surface Type Open Ocean Closed Sea Continental Ice Land

3. Instrument Configuration

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

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

4. Level 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).

0

Number of products with errors:

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:
6

Product	Test Failed
CS_OPER_SIR1SAR_020160928T201944_20160928T202356_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160928T043606_20160928T044811_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160928T144224_20160928T144624_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160928T191724_20160928T191823_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020160928T092643_20160928T092739_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020160928T015929_20160928T020123_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.

4

Number of	products	with	errors:	

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20160928T041837_20160928T042514_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160928T060052_20160928T060205_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160928T074027_20160928T074050_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160928T110419_20160928T110525_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.

0

0

6

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. 0

Number 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_20160928T010001_20160928T010945_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_20160928T012300_20160928T013428_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_20160928T041837_20160928T042514_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160928T060052_20160928T060205_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160928T074027_20160928T074050_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160928T110419_20160928T110525_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. 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.

42

Number of products with errors:

Broduct
Product CS_OFFL_SIR_FDM_220160928T000148_20160928T001608_C001
CS_OFFL_SIR_FDM_220160928T003318_20160928T004756_C001
CS_OFFL_SIR_FDM_220160928T004956_20160928T005918_C001
CS_OFFL_SIR_FDM_220160928T012300_20160928T013428_C001
CS_OFFL_SIR_FDM_220160928T013434_20160928T013809_C001
CS_OFFL_SIR_FDM_220160928T014349_20160928T015655_C001
CS_OFFL_SIR_FDM_220160928T021311_20160928T022909_C001
CS_OFFL_SIR_FDM_220160928T023028_20160928T023626_C001
CS_OFFL_SIR_FDM_220160928T024148_20160928T024934_C001
CS_OFFL_SIR_FDM_220160928T030047_20160928T030915_C001
CS_OFFL_SIR_FDM_220160928T031050_20160928T033637_C001
CS_OFFL_SIR_FDM_220160928T035313_20160928T041639_C001
CS_OFFL_SIR_FDM_220160928T042922_20160928T042954_C001
CS_OFFL_SIR_FDM_220160928T044935_20160928T045929_C001
CS_OFFL_SIR_FDM_220160928T053151_20160928T055856_C001
CS_OFFL_SIR_FDM_220160928T060502_20160928T060943_C001
CS_OFFL_SIR_FDM_220160928T062125_20160928T065343_C001
CS_OFFL_SIR_FDM_220160928T071113_20160928T071454_C001
CS_OFFL_SIR_FDM_220160928T073917_20160928T073948_C001
CS_OFFL_SIR_FDM_220160928T080027_20160928T080939_C001
CS_OFFL_SIR_FDM_220160928T081224_20160928T083344_C001
CS_OFFL_SIR_FDM_220160928T085122_20160928T090057_C001
CS_OFFL_SIR_FDM_220160928T093728_20160928T101221_C001
CS_OFFL_SIR_FDM_220160928T111659_20160928T113018_C001
CS_OFFL_SIR_FDM_220160928T113459_20160928T113614_C001
CS_OFFL_SIR_FDM_220160928T113616_20160928T115137_C001
CS_OFFL_SIR_FDM_220160928T120931_20160928T122317_C001
CS_OFFL_SIR_FDM_220160928T122531_20160928T124157_C001
CS_OFFL_SIR_FDM_220160928T135114_20160928T140109_C001
CS_OFFL_SIR_FDM_220160928T140359_20160928T140909_C001
CS_OFFL_SIR_FDM_220160928T141153_20160928T142159_C001
CS_OFFL_SIR_FDM_220160928T144624_20160928T150844_C001
CS_OFFL_SIR_FDM_220160928T152530_20160928T155305_C001
CS_OFFL_SIR_FDM_220160928T161213_20160928T161448_C001
CS_OFFL_SIR_FDM_220160928T162435_20160928T164828_C001
CS_OFFL_SIR_FDM_220160928T170444_20160928T171519_C001
CS_OFFL_SIR_FDM_220160928T175029_20160928T175731_C001
CS_OFFL_SIR_FDM_220160928T180034_20160928T180804_C001
CS_OFFL_SIR_FDM_220160928T180807_20160928T181856_C001
CS_OFFL_SIR_FDM_220160928T182351_20160928T182743_C001
CS_OFFL_SIR_FDM_220160928T184545_20160928T191724_C001
CS_OFFL_SIR_FDM_220160928T195251_20160928T200559_C001

Test Failed		
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
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Sea State Bias Wind Speed	Correction,	Altimetric
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Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias Wind Speed	Correction,	Altimetric
Sea State Bias	Correction	
Sea State Bias Wind Speed	Correction,	Altimetric
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Wind Speed	Correction,	Aumeulu

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
Correction for one or more records
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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
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There is an error with the Altimetric Wind Speed and Sea State Bias
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There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
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There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
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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

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

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160928T010001_20160928T010945_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220160928T012300_20160928T013428_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220160928T041837_20160928T042514_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160928T060052_20160928T060205_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160928T074027_20160928T074050_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160928T110419_20160928T110525_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.

Number of products with errors: 32

Number of products with errors: 32	Tost Failed	Description
Product	Test Failed	Description The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160928T000148_20160928T001608_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 day is set by the CEL call, for one or more records.
CS_OFFL_SIR_FDM_220160928T004956_20160928T005918_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_220160928T012300_20160928T013428_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_220160928T013434_20160928T013809_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_220160928T014349_20160928T015655_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_220160928T023028_20160928T023626_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_220160928T024148_20160928T024934_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_220160928T030047_20160928T030915_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_220160928T031050_20160928T033637_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_220160928T042922_20160928T042954_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_220160928T044935_20160928T045929_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_220160928T053151_20160928T055856_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_220160928T060502_20160928T060943_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_220160928T062125_20160928T065343_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_220160928T073917_20160928T073948_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_220160928T085122_20160928T090057_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_220160928T111659_20160928T113018_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_220160928T113459_20160928T113614_C001	CFI Retracked Range Flag	ine 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_220160928T113616_20160928T115137_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_220160928T120931_20160928T122317_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_220160928T122531_20160928T124157_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_220160928T135114_20160928T140109_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_220160928T140359_20160928T140909_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_220160928T141153_20160928T142159_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_220160928T144624_20160928T150844_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_220160928T152530_20160928T155305_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_220160928T161213_20160928T161448_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_220160928T175029_20160928T175731_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_220160928T180034_20160928T180804_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_220160928T180807_20160928T181856_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_220160928T184545_20160928T191724_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_220160928T195251_20160928T200559_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

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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:

roduct	Test Failed	Description The master fail flag is set by the CEL call, for one or more records
S_OFFL_SIR_FDM_220160928T000148_20160928T001608_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_220160928T004956_20160928T005918_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_220160928T012300_20160928T013428_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_220160928T013434_20160928T013809_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_220160928T014349_20160928T015655_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_220160928T023028_20160928T023626_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_220160928T024148_20160928T024934_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_220160928T030047_20160928T030915_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_220160928T031050_20160928T033637_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_220160928T042922_20160928T042954_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_220160928T044935_20160928T045929_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_220160928T053151_20160928T055856_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_220160928T060502_20160928T060943_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_220160928T062125_20160928T065343_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_220160928T073917_20160928T073948_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_220160928T085122_20160928T090057_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_220160928T111659_20160928T113018_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_220160928T113459_20160928T113614_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_220160928T113616_20160928T115137_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_220160928T120931_20160928T122317_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_220160928T122531_20160928T124157_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_220160928T135114_20160928T140109_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_220160928T140359_20160928T140909_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_220160928T141153_20160928T142159_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_220160928T144624_20160928T150844_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_220160928T152530_20160928T155305_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_220160928T161213_20160928T161448_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_220160928T175029_20160928T175731_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_220160928T180034_20160928T180804_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_220160928T180807_20160928T181856_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_220160928T184545_20160928T191724_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_220160928T195251_20160928T200559_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.

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Number of products with errors:

Number of products with errors.	40
Product CS_OFFL_SIR_FDM_220160928T00014	9 201600287001608 0001
CS_OFFL_SIR_FDM_220160928T00331	
CS_OFFL_SIR_FDM_220160928T00495	
CS OFFL SIR FDM 2 20160928T01230	
CS OFFL SIR FDM 2 20160928T01343	
CS_OFFL_SIR_FDM_220160928T01434	 9_20160928T015655_C001
CS_OFFL_SIR_FDM_220160928T02131	1_20160928T022909_C001
CS_OFFL_SIR_FDM_220160928T02302	8_20160928T023626_C001
CS_OFFL_SIR_FDM_220160928T02414	8_20160928T024934_C001
CS_OFFL_SIR_FDM_220160928T03004	7_20160928T030915_C001
CS_OFFL_SIR_FDM_220160928T03105	0_20160928T033637_C001
CS_OFFL_SIR_FDM_220160928T04251	4_20160928T042847_C001
CS_OFFL_SIR_FDM_220160928T04292	2_20160928T042954_C001
CS_OFFL_SIR_FDM_220160928T04493	5_20160928T045929_C001
CS_OFFL_SIR_FDM_220160928T05315	1_20160928T055856_C001
CS_OFFL_SIR_FDM_220160928T06050	2_20160928T060943_C001
CS_OFFL_SIR_FDM_220160928T06212	5_20160928T065343_C001
CS_OFFL_SIR_FDM_220160928T07174	3_20160928T072114_C001
CS_OFFL_SIR_FDM_220160928T07391	7_20160928T073948_C001
CS_OFFL_SIR_FDM_220160928T07450	3_20160928T074848_C001
CS_OFFL_SIR_FDM_220160928T08002	7_20160928T080939_C001
CS_OFFL_SIR_FDM_220160928T08122	4_20160928T083344_C001
CS_OFFL_SIR_FDM_220160928T08512	2_20160928T090057_C001
CS_OFFL_SIR_FDM_220160928T09024	5_20160928T091519_C001
CS_OFFL_SIR_FDM_220160928T09372	8_20160928T101221_C001
CS_OFFL_SIR_FDM_220160928T11165	9_20160928T113018_C001
CS_OFFL_SIR_FDM_220160928T11345	9_20160928T113614_C001
CS_OFFL_SIR_FDM_220160928T11361	
CS_OFFL_SIR_FDM_220160928T12093	
CS_OFFL_SIR_FDM_220160928T12253	
CS_OFFL_SIR_FDM_220160928T13050	
CS_OFFL_SIR_FDM_220160928T13511	
CS_OFFL_SIR_FDM_220160928T14035	
CS_OFFL_SIR_FDM_220160928T14115	
CS_OFFL_SIR_FDM_2_20160928T14462	
CS_OFFL_SIR_FDM_220160928T15253	
CS_OFFL_SIR_FDM_220160928T16121	
CS_OFFL_SIR_FDM_220160928T16243 CS_OFFL_SIR_FDM_220160928T17205	
CS_OFFL_SIR_FDM_220160928T17203	
CS_OFFL_SIR_FDM_220160928T18003	
CS_OFFL_SIR_FDM_220160928T18080	
CS_OFFL_SIR_FDM_220160928T18454	
CS_OFFL_SIR_FDM_220160928T19291	
CS_OFFL_SIR_FDM_220160928T19361	
CS OFFL SIR FDM 2 20160928T19525	

Test Failed Ocean Retracking Quality Flag Ocean Retracking Quality Flag

Description The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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.