



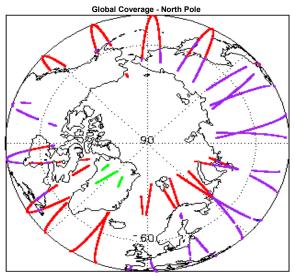
1. Overview

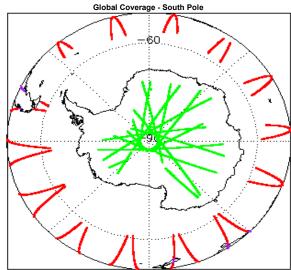
Report Production Date:	08-Oct-2018
Processor Used:	CryoSat Ice Processor
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data

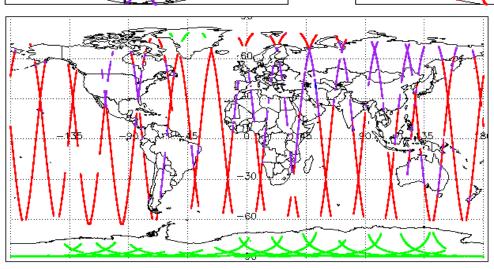
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File 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

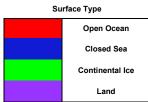
ľ	Mission / Instrument News		
	04-Oct-2018	SIRAL unavailability from 09:26:50 on 04-Oct-2018 to 11:10:13 on 04-Oct-2018 due to a planned on-board maintenance.	
	05-Oct-2018	None	
	06-Oct-2018	Nothing planned	

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 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).

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:

Product CS_OPER_SIR1SAR_0__20181005T210408_20181005T210810_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SAR_0_20181005T130429_20181005T131012_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SAR_0__20181005T001630_20181005T002323_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SAR_0__20181005T175301_20181005T175810_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SAR_0__20181005T150905_20181005T151316_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SAR_0__20181005T105231_20181005T105904_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SAR_0__20181005T182702_20181005T183449_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SIN_0__20181005T001414_20181005T001629_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SIN_0__20181005T191523_20181005T191838_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SIN_0__20181005T092428_20181005T092944_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SIN_0_20181005T113742_20181005T114109_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SIN_0__20181005T123405_20181005T124006_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SIN_0__20181005T135011_20181005T135133_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS OPER SIR1SIN 0 20181005T032607 20181005T033320 0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS_OPER_SIR1SIN_0_20181005T173545_20181005T173933_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold.

5. Level 1B FDM Data Quality Check

Percentage of processing errors detected greater than minimum acceptable threshold.

Percentage of processing errors detected greater than minimum acceptable threshold.

Percentage of processing errors detected greater than minimum acceptable threshold.

5.1 L1B FDM Product Format Check

CS OPER SIR2SIN 0 20181005T012953 20181005T013243 0001.HDR

CS_OPER_SIR2SIN_0__20181005T060634_20181005T060645_0001.HDR

CS_OPER_SIR2SIN_0__20181005T015044_20181005T015458_0001.HDR

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:

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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_20181005T150423_20181005T150451_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20181005T163842_20181005T164056_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20181005T181715_20181005T181843_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20181005T210810_20181005T214046_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:

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_20181005T014038_20181005T015044_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_20181005T134300_20181005T134849_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20181005T150423_20181005T150451_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20181005T163842_20181005T164056_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20181005T181715_20181005T181843_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20181005T210810_20181005T214046_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:

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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:

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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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220181004T235416_20181005T001041_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_220181005T003346_20181005T004404_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_220181005T011958_20181005T012953_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_220181005T013243_20181005T013754_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_220181005T014038_20181005T015044_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_220181005T021643_20181005T023729_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_220181005T034058_20181005T034333_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_220181005T035320_20181005T041713_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220181005T051914_20181005T052616_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_220181005T053455_20181005T053642_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_220181005T061429_20181005T064608_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_220181005T064934_20181005T064955_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_220181005T072136_20181005T073444_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220181005T075241_20181005T081341_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_220181005T093202_20181005T100752_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_220181005T103942_20181005T105231_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220181005T111113_20181005T112601_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_220181005T112804_20181005T113741_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_220181005T120002_20181005T121643_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_220181005T125044_20181005T130429_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_220181005T133604_20181005T133642_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_220181005T133916_20181005T134137_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_220181005T135134_20181005T141419_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_220181005T143028_20181005T145435_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_220181005T150423_20181005T150451_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_220181005T150451_20181005T150726_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_220181005T152643_20181005T153901_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220181005T154253_20181005T155337_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220181005T160952_20181005T163525_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_220181005T164056_20181005T164729_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_220181005T172207_20181005T173114_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_220181005T174853_20181005T175301_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_220181005T183825_20181005T191107_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_220181005T201527_20181005T204538_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220181005T204550_20181005T205028_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220181005T215409_20181005T221210_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_220181005T221255_20181005T222942_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_220181005T224845_20181005T230112_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records

CS OFFE SIR FDM 2 201810051237111 201810051235211 C001	· ·	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS OFFE SIR FDM 2 201810051235415 201810061000839 C001		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

6

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_220181005T014038_20181005T015044_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220181005T134300_20181005T134849_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220181005T150423_20181005T150451_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220181005T163842_20181005T164056_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220181005T181715_20181005T181843_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220181005T210810_20181005T214046_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: 27

CB_OFFL_SIR_FDM_2_001910031029419_0191001010404_0001 CFI Retracked Konge Flag The material flag as ably pin CFI call. Or once more more and continue to the	Product	Test Failed	Description
CE_OFFL_SIR_FDM_2_201810057015845_201810057015840_C001 CFI Retracked Range Flag CFI Retracked	CS_OFFL_SIR_FDM_220181004T235416_20181005T001041_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_2_20181005T012858_20181005T012854_C001 CFI_Retracked Range Flag CFI_RETRACKED CFI_RETRACKED CFI_RETRACKED CFI_RETRACKED CFI_RETRACKED CFI_RETRACKED CFI_RETR	CS_OFFL_SIR_FDM_220181005T003346_20181005T004404_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20181005T019352_20181005T019354_20181005T019	CS_OFFL_SIR_FDM_220181005T011958_20181005T012953_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20181005T014038_20181005T015044_C001 CFI Retracked Range Flag select by the CFI call, for one or more records, londing for these records. CS_OFFL_SIR_FDM_2_20181005T051044_20181005T035352_C001 CFI Retracked Range Flag CFI Retracked Range F	CS_OFFL_SIR_FDM_220181005T013243_20181005T013754_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_201810057034068_201810057034058_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057034068_201810057035406_201810057035	CS_OFFL_SIR_FDM_220181005T014038_20181005T015044_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_2_20181005T034058_20181005T034333_0001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T051914_20181005T053645_001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T061429_20181005T064008_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T061429_20181005T064008_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T061429_20181005T064008_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T061429_20181005T064008_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T061429_20181005T106400_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T11200_C001005T107052_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T11200_20181005T112001_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T112002_20181005T112001_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T112002_20181005T113741_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T112002_20181005T113741_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T133004_20181005T133642_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T133004_20181005T134137_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T130304_20181005T134137_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T130305T1303642_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T130304_20181005T134535_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T130305_20181005T134535_C001 CFI Retracked Range Flag product for these controls. CS_OFFL_SIR_FDM_2_20181005T13042_20181005T145355_C001 CFI Retracked Range Flag product for these	CS_OFFL_SIR_FDM_220181005T021643_20181005T023729_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_2_20181005T051914_20181005T053642_C001 CR_OFFL_SIR_FDM_2_20181005T053455_20181005T053642_C001 CR_OFFL_SIR_FDM_2_20181005T061429_20181005T064008_C001 CR_OFFL_SIR_FDM_2_20181005T061429_20181005T064008_C001 CR_OFFL_SIR_FDM_2_20181005T061429_20181005T064008_C001 CR_OFFL_SIR_FDM_2_20181005T061429_20181005T1064008_C001 CR_OFFL_SIR_FDM_2_20181005T061429_20181005T1064008_C001 CR_OFFL_SIR_FDM_2_20181005T061429_20181005T106752_C001 CR_OFFL_SIR_FDM_2_20181005T063202_20181005T106752_C001 CR_OFFL_SIR_FDM_2_20181005T063202_20181005T11200752_C001 CR_OFFL_SIR_FDM_2_20181005T063202_20181005T11200752_C001 CR_OFFL_SIR_FDM_2_20181005T112005T064008_C001 CR_OFFL_SIR_FDM_2_20181005T112005_20181005T112001 CR_OFFL_SIR_FDM_2_20181005T112002_20181005T113741_C001 CR_OFFL_SIR_FDM_2_20181005T1120002_20181005T113741_C001 CR_OFFL_SIR_FDM_2_20181005T1120002_20181005T113741_C001 CR_OFFL_SIR_FDM_2_20181005T1120002_20181005T113741_C001 CR_OFFL_SIR_FDM_2_20181005T1120002_20181005T113741_C001 CR_OFFL_SIR_FDM_2_20181005T133804_20181005T133842_C001 CR_OFFL_SIR_FDM_2_20181005T133804_20181005T133842_C001 CR_OFFL_SIR_FDM_2_20181005T133804_20181005T133842_C001 CR_OFFL_SIR_FDM_2_20181005T133804_20181005T134437_C001 CR_OFFL_SIR_FDM_2_20181005T133804_20181005T134437_C001 CR_OFFL_SIR_FDM_2_20181005T133804_20181005T134437_C001 CR_OFFL_SIR_FDM_2_20181005T133804_20181005T134437_C001 CR_OFFL_SIR_FDM_2_20181005T133804_20181005T134437_C001 CR_OFFL_SIR_FDM_2_20181005T135134_20181005T134435_C001 CR_OFFL_SIR_FDM_2_20181005T150451_20181005T134535_C001 CR_OFFL_SIR_FDM_2_20181005T150452_20181005T134535_C001 CR_OFFL_SIR_FDM_2_20181005T150452_20181005T150452_C001 CR_OFFL_SIR_FDM_2_20181005T150452_20181005T150452_C001 CR_OFFL_SIR_FDM_2_20181005T150452_20181005T150452_C001 CR_OFFL_SIR_FDM_2_20181005T150452_20181005T160752_C001 CR_OFFL_SIR_FDM_2_20181005T150452_20181005T160752_C001 CR_OFFL_SIR_FDM_2_20181005T160452_20181005T160752_C001 CR_OFFL_SIR_FDM_2_20181005T160452_20181005T160752_C001 CR_OFFL_SIR_FDM_2_20181005T160452_	CS_OFFL_SIR_FDM_220181005T034058_20181005T034333_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_2_20181005T083452_20181005T083462_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be injuried for these records. CS_OFFL_SIR_FDM_2_20181005T083202_20181005T100752_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be injuried for these records. CS_OFFL_SIR_FDM_2_20181005T083202_20181005T100752_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be injuried for these records. CS_OFFL_SIR_FDM_2_20181005T1111113_20181005T112601_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be injuried for these records. CS_OFFL_SIR_FDM_2_20181005T112804_20181005T113741_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be injuried 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 injuried 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 injuried 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 injuried 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 injuried for these records. CS_OFFL_SIR_FDM_2_20181005T133604_20181005T134147_C001 CFI Retracked Range Flag injury in the control of 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 injuried 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 injuried for these records.	CS_OFFL_SIR_FDM_220181005T051914_20181005T052616_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_2_20181005T105409_20181005T104098_C001 CS_OFFL_SIR_FDM_2_20181005T10505202_20181005T10752_C001 CS_OFFL_SIR_FDM_2_20181005T111113_20181005T112601_C001 CS_OFFL_SIR_FDM_2_20181005T111113_20181005T112601_C001 CS_OFFL_SIR_FDM_2_20181005T112604_20181005T112601_C001 CS_OFFL_SIR_FDM_2_20181005T112604_20181005T113741_C001 CS_OFFL_SIR_FDM_2_20181005T112604_20181005T113741_C001 CFI Retracked Range Flag CFI Retracked R	CS_OFFL_SIR_FDM_220181005T053455_20181005T053642_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_2_20181005T103022_20181005T1100752_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be genoted for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be genoted 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. 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, 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, 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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T133604_20181005T134137_C001 CFI Retracked Range Flag CFI Retracked	CS_OFFL_SIR_FDM_220181005T061429_20181005T064608_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CFI Retracked Range Fiag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T112804_20181005T12643_C001 CFI Retracked Range Fiag CFI Retracked Range F	CS_OFFL_SIR_FDM_220181005T093202_20181005T100752_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_2_20181005T112804_20181005T12643_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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T133604_20181005T133642_C001 CFI Retracked Range Flag CFI R	CS_OFFL_SIR_FDM_220181005T111113_20181005T112601_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_2_20181005T120002_20181005T121643_0001 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, 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, 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, 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, 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, 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, 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, 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, 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, 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, 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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The mas	CS_OFFL_SIR_FDM_220181005T112804_20181005T113741_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_2_20181005T133604_20181005T133642_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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T135134_20181005T141419_C001 CFI Retracked Range Flag CFI	CS_OFFL_SIR_FDM_220181005T120002_20181005T121643_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20181005T133916_20181005T134137_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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T143028_20181005T145435_C001 CFI Retracked Range Flag CF	CS_OFFL_SIR_FDM_220181005T133604_20181005T133642_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20181005T135134_20181005T141419_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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T150423_20181005T150451_C001 CFI Retracked Range Flag CFI Retracked Range Flag 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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T150451_20181005T150726_C001 CFI Retracked Range Flag 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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T160952_20181005T163525_C001 CFI Retracked Range Flag CFI	CS_OFFL_SIR_FDM_220181005T133916_20181005T134137_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_2_20181005T143028_20181005T145435_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fall 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_20181005T150451_20181005T150726_C001 CFI Retracked Range Flag CF	CS_OFFL_SIR_FDM_220181005T135134_20181005T141419_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_2_20181005T150423_20181005T150451_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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T160952_20181005T163525_C001 CFI Retracked Range Flag CF	CS_OFFL_SIR_FDM_220181005T143028_20181005T145435_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_2_20181005T150451_20181005T150726_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, incleating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T164056_20181005T164729_C001 CFI Retracked Range Flag CF	CS_OFFL_SIR_FDM_220181005T150423_20181005T150451_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_2_20181005T160952_20181005T163525_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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T183825_20181005T191107_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, 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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.	CS_OFFL_SIR_FDM_220181005T150451_20181005T150726_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_2_20181005T164056_20181005T164729_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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20181005T215409_20181005T221210_C001 CFI Retracked Range Flag 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, 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, 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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.	CS_OFFL_SIR_FDM_220181005T160952_20181005T163525_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_2_20181005T183825_20181005T191107_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fall 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 fall 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 fall 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. 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_220181005T164056_20181005T164729_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_2_20181005T215409_20181005T221210_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, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.	CS_OFFL_SIR_FDM_220181005T183825_20181005T191107_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_2_20181005T221255_20181005T222942_C001	CS_OFFL_SIR_FDM_220181005T215409_20181005T221210_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_220181005T221255_20181005T222942_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be

CS_OFFL_SIR_FDM_220181005T234111_20181005T235211_C001	o o	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_220181005T235415_20181006T000839_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:

Number of products with errors: 27		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220181004T235416_20181005T001041_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_220181005T003346_20181005T004404_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_220181005T011958_20181005T012953_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_220181005T013243_20181005T013754_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_220181005T014038_20181005T015044_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_220181005T021643_20181005T023729_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_220181005T034058_20181005T034333_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_220181005T051914_20181005T052616_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_220181005T053455_20181005T053642_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_220181005T061429_20181005T064608_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_220181005T093202_20181005T100752_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_220181005T111113_20181005T112601_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_220181005T112804_20181005T113741_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_220181005T120002_20181005T121643_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_220181005T133604_20181005T133642_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_220181005T133916_20181005T134137_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_220181005T135134_20181005T141419_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_220181005T143028_20181005T145435_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_220181005T150423_20181005T150451_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_220181005T150451_20181005T150726_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_220181005T160952_20181005T163525_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_220181005T164056_20181005T164729_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_220181005T183825_20181005T191107_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_220181005T215409_20181005T221210_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_220181005T221255_20181005T222942_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_220181005T234111_20181005T235211_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_220181005T235415_20181006T000839_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:

12

Dradical	Took Foiled	Description
Product CS_OFFL_SIR_FDM_2_20181004T235416_20181005T001041_C001	Test Failed	Description The Ocean Retracking Quality Flag is set indicating the CFI Ocean
C3_O11 E_3IIC_1 DIM_2201010041233410_201010031001041_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_220181005T003346_20181005T004404_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220181005T011958_20181005T012953_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_220181005T013243_20181005T013754_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_220181005T014038_20181005T015044_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_220181005T021643_20181005T023729_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_220181005T025415_20181005T032149_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_220181005T034058_20181005T034333_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_220181005T035320_20181005T041713_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_220181005T051914_20181005T052616_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_220181005T053455_20181005T053642_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_220181005T053917_20181005T054741_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_220181005T061429_20181005T064608_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_220181005T072136_20181005T073444_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_220181005T085620_20181005T091420_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_220181005T093202_20181005T100752_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_220181005T101938_20181005T103923_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_220181005T103942_20181005T105231_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_20181005T111113_20181005T112601_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_220181005T112804_20181005T113741_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_220181005T120002_20181005T121643_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_220181005T133604_20181005T133642_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_220181005T133916_20181005T134137_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_220181005T134300_20181005T134849_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_220181005T135134_20181005T141419_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_220181005T143028_20181005T145435_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_220181005T150423_20181005T150451_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_220181005T150451_20181005T150726_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_220181005T152643_20181005T153901_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_220181005T160952_20181005T163525_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_220181005T164056_20181005T164729_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_220181005T172207_20181005T173114_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_220181005T174853_20181005T175301_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_220181005T183825_20181005T191107_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_220181005T201527_20181005T204538_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_220181005T204550_20181005T205028_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_220181005T210810_20181005T214046_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_220181005T215409_20181005T221210_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_220181005T221255_20181005T222942_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_20181005T224845_20181005T230112_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_220181005T234111_20181005T235211_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_220181005T235415_20181006T000839_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
SIR_FDM_1B	145	145	145	0	0
SIR_FDM_2	145	145	145	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	