



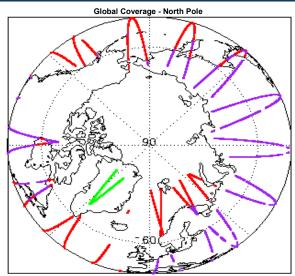
### 1. Overview

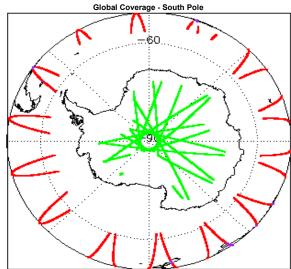
Report Production Date:	10-Oct-2017
Processor Used:	CryoSat Ice Processor
Data Used:	L1 and L2 Fast Delivery Marine (FDM)  Mode and L0 Data

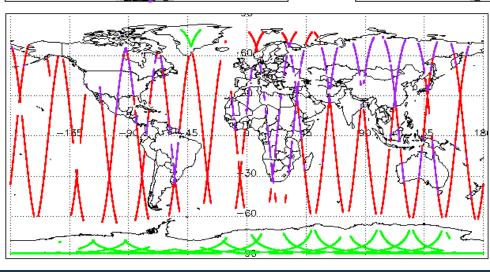
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File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

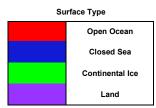
Mission / Inst	Mission / Instrument News		
08-Oct-2017	None		
09-Oct-2017	None		
10-Oct-2017	Nothing planned		

# 2. Global Coverage









### 3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
Star Tracker(s) in use:	Star Tracker 1 & 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	Test Failed
CS_OPER_SIR1SAR_020171009T010520_20171009T010932_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020171009T100030_20171009T100124_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171009T004053_20171009T004159_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171009T021100_20171009T021423_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_0 20171009T212655_20171009T213134_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

#### 5. Level 1B FDM Data Quality Check

#### 5.1 L1B FDM Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL)

Number of products with errors:

#### 5.2 L1B FDM Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors:

#### 5.3 L1B FDM Star Tracker Usage Check

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

Number of products with errors:

Product

CS\_OFFL\_SIR\_FDM\_1B\_20171009T095510\_20171009T095830\_C001

No Star Tracker file used in the processing of this product

CS\_OFFL\_SIR\_FDM\_1B\_20171009T113444\_20171009T113536\_C001

No Star Tracker file used in the processing of this product

CS\_OFFL\_SIR\_FDM\_1B\_20171009T131410\_20171009T131438\_C001

No Star Tracker file used in the processing of this product

No Star Tracker file used in the processing of this product

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.

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.

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_20171009T083422_20171009T091025_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_20171009T095510_20171009T095830_C001	Echo error, TRK echo error, Attitude correction missing	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20171009T113444_20171009T113536_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20171009T131410_20171009T131438_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20171009T163739_20171009T164005_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20171009T214934_20171009T215633_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

#### 6. Level 2 FDM Data Quality Check

#### 6.1 L2 FDM Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL).

Number of products with errors:

#### 6.2 L2 FDM Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors:

### 6.3 L2 FDM Auxiliary Data File Usage Check

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

#### 6.4 L2 FDM Auxiliary Correction Error Check

Each product is checked to detect auxiliary corrections flagged by the ground-station processing chain as missing or containing errors.

Number of products with errors:

40

Sol. State Basic Commonton  Col. CHE, SHI, FOM 2, 2017/0007101402 (2017) 0007101402 (2017)  Col. CHE, SHI, FOM 2, 2017/0007101402 (2017) 0007101402 (2017)  Col. CHE, SHI, FOM 2, 2017/0007101402 (2017) 0007101402 (2017)  Col. CHE, SHI, FOM 2, 2017/0007101402 (2017) 000711402 (2017) 000711402 (2017) 000711402 (2017) 00	Product	Test Failed	Description
Sea State Blas Correction, Allemetral  (Sea, OFFL, Silk, PSM, 2, 2017/0001016/34), 2017/00011018/20, 2001  (Sea, OFFL, Silk, PSM, 2, 2017/0001016/32), 2017/00011018/30, 2001  (Sea, OFFL, Silk, PSM, 2, 2017/0001018/30), 2017/0001108/30, 2001  (Sea, OFFL, Silk, PSM, 2, 2017/0001018/30), 2017/0001108/30, 2001  (Sea, OFFL, Silk, PSM, 2, 2017/0001018/30), 2017/0001108/30, 2017/00011	CS_OFFL_SIR_FDM_220171008T233044_20171009T000304_C001		There is an error with the Sea State Bias Correction for one or more
CB_OFFL_SIR_FDM_2_2017/0007105402_0007  CB_OFF			There is an error with the Altimetric Wind Speed and Sea State Bias
CB_OFFL_SIR_FOM_2_2017100071021032_0700071021032_07001  CB_OFFL_SIR_FOM_2_201710007102103_070007102103_07001  CB_OFFL_SIR_FOM_2_201710007100007022_07000710000702103_07001  CB_OFFL_SIR_FOM_2_201710007100007022_0700070000702_07001  CB_OFFL_SIR_FOM_2_201710007100007022_0700070000702_07001  CB_OFFL_SIR_FOM_2_201710007100007022_0700070000702_07001  CB_OFFL_SIR_FOM_2_20171000710000702_0700070000702_07001  CB_OFFL_SIR_FOM_2_20171000710000702_0700070000702_07001  CB_OFFL_SIR_FOM_2_20171000710000702_0700070000702_07001  CB_OFFL_SIR_FOM_2_201710007100007000702_07000070000702_0700007000		· ·	
Virol Speed  See State Blas Correction. Attended  See State Blas Correction. Attended  See State Blas Correction. Attended  There is an error with the Attended Wird Speed and Sea State Blas Correction. Attended  Correction for our more records  See State Blas Correction. Attended  See State Blas Correction. Attended  Virol Speed  Correction for our more records  Correction for our or more with the Attended Wird Speed and Sea State Blas Correction. Attended  Correction for our or more records  Sea State Blas Correction. Attended  Virol Speed  Correction for our or more records  Sea State Blas Correction. Attended  Virol Speed  Correction for our or more records  Sea State Blas Correction. Attended  Virol Speed  Correction for our or more records  Sea State Blas Correction. Attended  Wirol Speed  See State Blas Correction. Attended  Virol Speed  Speed  See State Blas Correction. Attended  Wirol Speed  See State Blas Correction. Attended  Virol Speed  See State Blas Correction. Attended  There is an error with the Attended Wird Speed and Sea State Blas  Correction for our or more records  Correction for our or more records  Wirol Speed  See State Blas Correction. Attended  There is an error with the Attended Wird Speed and Sea State Blas  Sea State Blas Correction. Attended  Sea State Blas Correction. Attended  Wirol Speed  Correction for our or more records  Correction for our or more records  Wirol Speed  See State Blas Correction. Attended  Wirol Speed  See State Blas Cor			
See Shee Biss Correction. Attended See Shale Biss Correction. Atte	CS_OFFL_SIR_FDM_220171009T021423_20171009T021912_C001	Wind Speed	Correction for one or more records
Wind Speed   Contection   Allimental	CS_OFFL_SIR_FDM_220171009T022100_20171009T023037_C001	Wind Speed	Correction for one or more records
Virid Speed   Correction Alliments   Correc	CS_OFFL_SIR_FDM_220171009T024815_20171009T025320_C001		
Sea State Blas Correction, Allmentic  G. OFFL_SIR_FDM_2_20171000704249_2017000704495_0001  Sea State Blas Correction, Allmentic  Wind Speed  G. OFFL_SIR_FDM_2_20171000704071497_2017000704592  G. OFFL_SIR_FDM_2_20171000704079_20170007060310_0001  Sea State Blas Correction, Allmentic  Wind Speed  G. OFFL_SIR_FDM_2_20171000706079_2017000706079_00000000000000000000000000000	CS_OFFL_SIR_FDM_220171009T025330_20171009T032428_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
Se. OFFL_SIR_FDM_2_201710007104274 201710007104355_C001  See State Bias Correction, Alteretic Wind Speed and See State Bias Correction, Alteretic Wind Speed and See State Bias Correction, Alteretic Wind Speed	CS_OFFL_SIR_FDM_220171009T033925_20171009T040848_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Sa State Blas Correction, Allimetic Wind Speed or Sea State Blas Correction Sea State Blas Corre	CS_OFFL_SIR_FDM_220171009T042749_20171009T044435_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
So. OFFL_SIR_FDM_2_201710097053546_20171009705319_C001  So. OFFL_SIR_FDM_2_201710097060252_201710097056319_C001  So. OFFL_SIR_FDM_2_201710097060252_201710097056319_C001  So. OFFL_SIR_FDM_2_201710097060252_201710097056319_C001  So. OFFL_SIR_FDM_2_201710097060252_201710097056319_C001  So. OFFL_SIR_FDM_2_201710097060252_201710097056319_C001  So. OFFL_SIR_FDM_2_201710097060252_20171009706031_C001  So. OFFL_SIR_FDM_2_201710097060252_20171009706031_C001  So. OFFL_SIR_FDM_2_201710097060252_20171009706031_C001  So. OFFL_SIR_FDM_2_201710097060252_20171009706031_C001  So. OFFL_SIR_FDM_2_201710097060252_20171009706031_C001  So. OFFL_SIR_FDM_2_201710097060322_20171009706035_C001  So. OFFL_SIR_FDM_2_201710097060322_20171009706035_C001  So. OFFL_SIR_FDM_2_201710097060322_20171009706035_C001  So. OFFL_SIR_FDM_2_20171009706033_20171009706035_C001  So. OFFL_SIR_FDM_2_20171009710333_20171009710405_C001  So. OFFL_SIR_FDM_2_20171009710333_201710097112235_C001  So. OFFL_SIR_FDM_2_201710097112334_C001  So. OFFL_SIR_FDM_2_201710097112334_C001  So. OFFL_SIR_FDM_2_201710097112334_C001  So. OFFL_SIR_FDM_2_201710097112334_C001  So. OFFL_SIR_FDM_2_20171009711344_201710097112235_C001  So. OFFL_SIR_FDM_2_201710097112346_201710097112336_C001  So. OFFL_SIR_FDM_2_20171009711344_201710097112336_C001  So. OFFL_SIR_FDM_2_20171009711344_20171009714235_C001  So. OFFL_SIR_FDM_2_20171009713446_20171009714235_C001  So. OFFL_SIR_FDM_2_20171009713446_20171009714235_C001  So. OFFL_SIR_FDM_2_20171009713446_20171009714235_C001  So. OFFL_SIR_FDM_2_20171009713446_20171009714235_C001  So. OFFL_SIR_FDM_2_20171009713446_20171009714490_C001  So. OFFL_SIR_FDM_2_20171009713446_20171009714490_C001  So. OFFL_SIR_FDM_2_20171009713446_20171009714490_C001  So. OFFL_SIR_FDM_2_20171009714490_20171009714490_C001  So. OFFL_SIR_FDM_2_20171009714490_20171009714490_C001  So. OFFL_SIR_FDM_2_20171009714490_20171009714490_C001  So. OFFL_SIR_FDM_2_20171009714490_20171009714490_C001  So. OFFL_SIR_FDM_2_20171009714490_Q0171009714490_C001  So. OFFL_SIR_FDM_2_20171009714490_Q01710097	CS_OFFL_SIR_FDM_220171009T044915_20171009T045625_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Se State Bias Correction. Althretic  See State Bias Correction. Althretic  Wind Speed  See S	CS_OFFL_SIR_FDM_2_20171009T051747_20171009T053319_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Sas State Bias Correction, Altmentro Wind Speed and Sas State Bias Correction, Altmentro Wind Speed Altmentro Wind Speed and Sas State Bias Correction, Altmentro Wind Speed Altmentro Wind Speed And Sas State Bias Correction, A		·	There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM 2_20171009T109263242 20171009T1092506518 CODI  CS_OFFL_SIR_FDM 2_20171009T079089 20171009T090831_CODI  CS_OFFL_SIR_FDM 2_20171009T079089 20171009T0905658 CODI  CS_OFFL_SIR_FDM 2_20171009T079083 20171009T0905658 CODI  CS_OFFL_SIR_FDM 2_20171009T079083 20171009T0905658 CODI  CS_OFFL_SIR_FDM 2_20171009T07903 20171009T090566 CODI  CS_OFFL_SIR_FDM 2_20171009T079053 20171009T090566 CODI  CS_OFFL_SIR_FDM 2_20171009T109053 20171009T090566 CODI  CS_OFFL_SIR_FDM 2_20171009T109057 20171009T090566 CODI  CS_OFFL_SIR_FDM 2_20171009T109057 20171009T090566 CODI  CS_OFFL_SIR_FDM 2_20171009T109057 20171009T090566 CODI  CS_OFFL_SIR_FDM 2_20171009T109057 20171009T1090566 CODI  CS_OFFL_SIR_FDM 2_20171009T109057 CODI  CS_OFFL_SIR_FDM 2_20171009T110935 20171009T109057 CODI  CS_OFFL_SIR_FDM 2_20171009T119346 20171009T119239 CODI  CS_OFFL_SIR_FDM 2_20171009T1193460 20171009T1192485 CODI  CS_OFFL_SIR_FDM 2_20171009T1193460 20171009T144890 CODI  CS_OFFL_SIR_FDM 2_20171009T1193460 20171009T194850 CODI  CS_OFFL_SIR_FDM 2_20171009T1193460 20171009T194850 CODI  CS_OFFL_SIR_FDM 2_20171009T1193460 20171009T194850 CODI  CS_OFFL_SIR_FDM 2_20171009T1194419 20171009T194850 CODI  CS_OFFL_SIR_FDM 2_20171009T1194490 CODI  CS_OFFL_			records There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed			
Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric			Correction for one or more records
See State Bias Correction. Altimetric Wind Speed and Sea State Bias Correction or one or more records Sea State Bias Correction. Altimetric Wind Speed and Sea State Bias Correction or one or more records Sea State Bias Correction. Altimetric Wind Speed and Sea State Bias Correction or one or more records Sea State Bias Correction. Altimetric Wind Speed and Sea State Bias Correction or one or more records Sea State Bias Correction. Altimetric Wind Speed and Sea State Bias Correction. Altimetric Wind Speed and Sea State Bias Correction. Altimetric Wind Speed Sea State Bia	CS_OFFL_SIR_FDM_220171009T065625_20171009T065818_C001		records
CS_OFFL_SIR_FDM_2_20171093T19452_2017109719109556_001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_2017109710971905058_0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171097110953_2077109711095058_0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171097111239_0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171097111239_0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171097113239_0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171097114400_7.0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171097114400_7.0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171097114400_7.0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171097114400_7.0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171097114400_7.0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171097114401_20171097114400_7.0001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or records  CS_OFFL_SIR_FDM_2_20171097114400_7097114400_7007114400_7007114400_700714140071141140071141140071141140071141140071141140071141140071141140071141400711400711400711414007114140071411400711400711414007140071141400714007141	CS_OFFL_SIR_FDM_220171009T070809_20171009T071121_C001		·
CS_OFFL_SIR_FDM_2_20171009T091025_20171009T1912456_CO1  CS_OFFL_SIR_FDM_2_20171009T100134_CO10  CS_OFFL_SIR_FDM_2_20171009T10134_CO10  CS_OFFL_SIR_FDM_2_20171009T10133_20171009T112458_CO10  CS_OFFL_SIR_FDM_2_20171009T10133_20171009T112458_CO10  CS_OFFL_SIR_FDM_2_20171009T112457_20171009T112458_CO10  CS_OFFL_SIR_FDM_2_20171009T112457_20171009T112458_CO10  CS_OFFL_SIR_FDM_2_20171009T112457_20171009T112465_CO10  CS_OFFL_SIR_FDM_2_20171009T112454_CO10  CS_OFFL_SIR_FDM_2_20171009T112455_CO11  CS_OFFL_SIR_FDM_2_20171009T112465_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T11220171009T11256_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112460_CO10  CS_OFFL_SIR_FDM_2_20171009T112560_CO10  CS_OFFL_SIR_FDM_2_2017	CS_OFFL_SIR_FDM_220171009T074701_20171009T080831_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
Sea State Bias Correction, Allimetric 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  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  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Allimetric 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, Allimetric Wind Spe	CS_OFFL_SIR_FDM_220171009T083422_20171009T091025_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_2_2017109T110134_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T113946_20171009T11407_C001  Sea State Bias Correction  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction Report Sea State Bias Correction Report Sea State Bias Correction Report Sea Sea State B	CS_OFFL_SIR_FDM_220171009T092633_20171009T095058_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_2_20171009T112537_20171009T112339_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T112444_20171009T1122735_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T12476_20171009T124853_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T12476_20171009T124853_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T134608_20171009T144901_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T151104_20171009T146010_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T160519_20171009T163604_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T160519_20171009T163604_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T160519_20171009T163604_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, 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, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altim	CS_OFFL_SIR_FDM_220171009T100125_20171009T100134_C001		There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20171009T113496_20171009T140720  Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T14440_20171009T14453_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed State Bias Correction, Altimetric Wind Speed State Bias Correction, Altimetric Wind Speed State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T144491_20171009T144901_C001  Sea State Bias Correction, 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  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed State Bias Correction, Altimetri	CS_OFFL_SIR_FDM_220171009T110533_20171009T112458_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_2_20171009T113444_20171009T122735_C001  Sea State Bias Correction  Sea State Bias Correction  Sea State Bias Correction  Sea State Bias Correction  There is an error with the Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T124853_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T144419_20171009T144901_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, 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, Altimetric Wind Speed  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed  Sea State Bias Correction, 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, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or m	CS_OFFL_SIR_FDM_220171009T112537_20171009T113239_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_2_20171009T124716_20171009T124853_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T175913_20171009T175536_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed Altimetric Wind Speed Altimetric Wind Speed Altimetr	CS_OFFL_SIR_FDM_220171009T113946_20171009T114047_C001	·	
CS_OFFL_SIR_FDM_2_20171009T134608_20171009T14495_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T144419_20171009T144901_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T151104_20171009T154610_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T160519_20171009T163604_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T165019_20171009T163604_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T165019_20171009T170943_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T165019_20171009T170943_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T175913_20171009T17536_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T175913_20171009T181505_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184611_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184601_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184904_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194550_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T194412_20171009T194550_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T20930_20171009T204239_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T20930_20	CS_OFFL_SIR_FDM_220171009T115444_20171009T122735_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_2_20171009T144419_20171009T144901_C001  Sea State Bias Correction, Altimetric Wind Speed Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias  CS_OFFL_SIR_FDM_2_20171009T165019_20171009T163604_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T165019_20171009T163604_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T165019_20171009T170943_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T17043_20171009T172536_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T175913_20171009T172536_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184611_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T184621_20171009T184904_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T19450_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T19459_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T19459_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T19459_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T194412_20171009T195549_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T204239_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20171009T20	CS_OFFL_SIR_FDM_220171009T124716_20171009T124853_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_2_20171009T144419_20171009T144601_C001  Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171009T151104_20171009T154610_C001  CS_OFFL_SIR_FDM_2_20171009T160519_20171009T163604_C001  CS_OFFL_SIR_FDM_2_20171009T165019_20171009T163604_C001  CS_OFFL_SIR_FDM_2_20171009T165019_20171009T170943_C001  CS_OFFL_SIR_FDM_2_20171009T17043_20171009T170943_C001  CS_OFFL_SIR_FDM_2_20171009T17043_20171009T172536_C001  CS_OFFL_SIR_FDM_2_20171009T175913_20171009T184505_C001  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184505_C001  CS_OFFL_SIR_FDM_2_20171009T184621_20171009T184904_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T195549_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205503_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T2055828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T25828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T233330_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T233330_20171	CS_OFFL_SIR_FDM_220171009T134608_20171009T140729_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_2_20171009T160519_20171009T163604_C001  CS_OFFL_SIR_FDM_2_20171009T160519_20171009T163604_C001  CS_OFFL_SIR_FDM_2_20171009T165019_20171009T170943_C001  CS_OFFL_SIR_FDM_2_20171009T1709T1709T1709T1709T1709T1709T17	CS_OFFL_SIR_FDM_220171009T144419_20171009T144901_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20171009T160519_20171009T170943_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T171043_20171009T172536_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T171043_20171009T18505_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea Sta	CS_OFFL_SIR_FDM_220171009T151104_20171009T154610_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20171009T165019_20171009T170943_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20171009T175913_20171009T181505_C001  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184611_C001  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184601_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T184904_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T202221_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T233430_20171009T2334505_C001  CS_OFFL_SIR_FDM_2_2		Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20171009T175913_20171009T181505_C001  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184611_C001  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184601_C001  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184904_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T184904_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T19450_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T195549_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T195549_C001  CS_OFFL_SIR_FDM_2_20171009T1920158_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T22221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_2017100		Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184611_C001  CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184904_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T194412_20171009T19549_C001  CS_OFFL_SIR_FDM_2_20171009T194412_20171009T19549_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T2233430_20171009T233505_C001  CS_OFFL_SIR_FDM_2_20171009T2333430_20171009T233505_C001  CS_OFFL_SIR_FDM_2_20171009T2333430_20171009T233505_C001  CS_OFFL_SIR_FDM_2_20171009T2333430_20171009T233505_C001  CS_OFFL_SIR_FDM_2_20171009T2333430_20171009T2334505_C001  CS_OFFL_SIR_FDM_2_20171009T2333430_20171009T2334505_C001  CS_OFFL_SIR_FDM_2_20171009T2333430_20171009T2334505_C001  CS_OFFL_SIR_FDM_2_20171009T2333430_20171009T2334505_C001  CS_OFFL_SIR_FDM_2_20171009T2333430_20171009T2334505_C001  CS_OFFL_SIR_FDM_2_20171009T2333430_20171009T2334505_C001		Sea State Bias Correction, Altimetric	Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20171009T182809_20171009T184611_C001  CS_OFFL_SIR_FDM_2_20171009T184621_20171009T184904_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T19549_C001  CS_OFFL_SIR_FDM_2_20171009T1920158_20171009T19549_C001  CS_OFFL_SIR_FDM_2_20171009T1920158_20171009T19549_C001  CS_OFFL_SIR_FDM_2_20171009T1920158_20171009T19549_C001  CS_OFFL_SIR_FDM_2_20171009T20158_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T2233505_C001  CS_OFFL_SIR_FDM_2_20171009T233430_20171009T233505_C001  CS_OFFL_SIR_FDM_2_20171009T2334			Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20171009T184809_20171009T184904_C001  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T194412_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T194412_20171009T195549_C001  CS_OFFL_SIR_FDM_2_20171009T202158_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T2232505_C001  CS_OFFL_SIR_FDM_2_20171009T233430_20171009T233505_C001  Wind Speed  Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed  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  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  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  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 Al			
CS_OFFL_SIR_FDM_2_20171009T194052_C001  Wind Speed  CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  CS_OFFL_SIR_FDM_2_20171009T194412_20171009T19549_C001  CS_OFFL_SIR_FDM_2_20171009T202158_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T202158_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T22324505_C001  Sea State Bias Correction, 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  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  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  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		Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20171009T192030_20171009T194250_C001  Wind Speed  CS_OFFL_SIR_FDM_2_20171009T194412_20171009T195549_C001  CS_OFFL_SIR_FDM_2_20171009T202158_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T233430_20171009T233505_C001  Wind Speed  Correction, Altimetric Wind Speed  Correction, Altimetric Wind Speed  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  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  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  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  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 Wi	CS_OFFL_SIR_FDM_220171009T184621_20171009T184904_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20171009T202158_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T202158_20171009T204239_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T233430_20171009T223221_C001  CS_OFFL_SIR_FDM_2_20171009T233430_20171009T2334505_C001  Sea State Bias Correction, 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, Altimetric  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric  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, Altimetric  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric  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 or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or or	CS_OFFL_SIR_FDM_220171009T192030_20171009T194250_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20171009T202188_20171009T212612_C001  Wind Speed  CS_OFFL_SIR_FDM_2_20171009T205903_20171009T212612_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T215828_20171009T222221_C001  CS_OFFL_SIR_FDM_2_20171009T233430_20171009T2334505_C001  Wind Speed  Correction, Altimetric  Sea State Bias Correction, Altimetric  Wind Speed  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  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  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	CS_OFFL_SIR_FDM_220171009T194412_20171009T195549_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_201710091205903_201710091212612_C001  Wind Speed  Wind Speed  Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias  Correction, Altimetric  Wind Speed  Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias  Correction, Altimetric  Sea State Bias Correction, Altimetric  Sea State Bias Correction, Altimetric  There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220171009T202158_20171009T204239_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2201710091213828_201710091222221_C001  Wind Speed  Correction for one or more records  Sea State Bias Correction, Altimetric  There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220171009T205903_20171009T212612_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFI_SIR_FDM_2_20171009T233430_20171009T234505_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220171009T215828_20171009T222221_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_PDM_Z_201710091254505_0001 Wind Speed Correction for one or more records	CS_OFFL_SIR_FDM_220171009T233430_20171009T234505_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias

#### 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_220171009T083422_20171009T091025_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220171009T095510_20171009T095830_C001	Echo error, Attitude correction missing	The Echo Rx1 Error flag is set, indicating a degraded raw echo. The attitude
CS_OFFL_SIR_FDM_220171009T113444_20171009T113536_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220171009T131410_20171009T131438_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220171009T163739_20171009T164005_C001	Attitude correction missing	The attitude has not been corrected

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171009T010932_20171009T013016_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_220171009T024815_20171009T025320_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_220171009T025330_20171009T032428_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.
S_OFFL_SIR_FDM_2_20171009T033925_20171009T040848_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.
S_OFFL_SIR_FDM_220171009T044915_20171009T045625_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.
S_OFFL_SIR_FDM_220171009T051747_20171009T053319_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.
S_OFFL_SIR_FDM_220171009T060708_20171009T062103_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.
S_OFFL_SIR_FDM_220171009T062243_20171009T063657_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.
S_OFFL_SIR_FDM_220171009T070809_20171009T071121_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.
S_OFFL_SIR_FDM_220171009T083422_20171009T091025_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_220171009T110533_20171009T112458_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.
S_OFFL_SIR_FDM_220171009T112537_20171009T113239_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.
S_OFFL_SIR_FDM_2_20171009T134608_20171009T140729_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.
S_OFFL_SIR_FDM_220171009T144419_20171009T144901_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.
S_OFFL_SIR_FDM_2_20171009T151104_20171009T154610_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.
S_OFFL_SIR_FDM_220171009T165019_20171009T170943_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.
S_OFFL_SIR_FDM_220171009T171043_20171009T172536_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.
S_OFFL_SIR_FDM_220171009T175913_20171009T181505_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.
S_OFFL_SIR_FDM_220171009T182809_20171009T184611_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.
S_OFFL_SIR_FDM_220171009T184621_20171009T184904_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.
S_OFFL_SIR_FDM_220171009T192030_20171009T194250_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.
S_OFFL_SIR_FDM_220171009T194412_20171009T195549_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.
S_OFFL_SIR_FDM_220171009T202158_20171009T204239_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.
S_OFFL_SIR_FDM_220171009T205903_20171009T212612_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.
S_OFFL_SIR_FDM_220171009T215828_20171009T222221_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.
S_OFFL_SIR_FDM_220171009T233430_20171009T234505_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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171009T010932_20171009T013016_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_220171009T024815_20171009T025320_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_220171009T025330_20171009T032428_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_220171009T033925_20171009T040848_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_220171009T044915_20171009T045625_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_220171009T051747_20171009T053319_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_220171009T060708_20171009T062103_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_220171009T062243_20171009T063657_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_220171009T070809_20171009T071121_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_220171009T083422_20171009T091025_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_220171009T110533_20171009T112458_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_220171009T112537_20171009T113239_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_220171009T134608_20171009T140729_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_220171009T144419_20171009T144901_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_220171009T151104_20171009T154610_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_220171009T165019_20171009T170943_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_220171009T171043_20171009T172536_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_220171009T175913_20171009T181505_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_220171009T182809_20171009T184611_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_220171009T184621_20171009T184904_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_220171009T192030_20171009T194250_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_220171009T194412_20171009T195549_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_220171009T202158_20171009T204239_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_220171009T205903_20171009T212612_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_220171009T215828_20171009T222221_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_220171009T233430_20171009T234505_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.

45

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171008T233044_20171009T000304_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_220171009T001456_20171009T001810_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_220171009T010932_20171009T013016_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_220171009T013302_20171009T014439_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_220171009T015410_20171009T015822_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_220171009T024815_20171009T025320_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_220171009T025330_20171009T032428_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_220171009T033925_20171009T040848_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_220171009T042749_20171009T044435_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_220171009T044915_20171009T045625_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_220171009T051747_20171009T053319_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_220171009T053545_20171009T055040_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_220171009T060708_20171009T062103_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_220171009T062243_20171009T063657_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_220171009T065625_20171009T065818_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_220171009T065937_20171009T070647_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_220171009T070809_20171009T071121_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.

	1	The Ocean Petrocking Quality Flor is set indicating the CEL Ocean
CS_OFFL_SIR_FDM_220171009T074701_20171009T080831_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_220171009T083422_20171009T091025_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_220171009T092633_20171009T095058_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_220171009T103853_20171009T104814_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_220171009T110533_20171009T112458_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_220171009T112537_20171009T113239_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_220171009T113946_20171009T114047_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_220171009T114058_20171009T114251_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_220171009T115444_20171009T122735_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_220171009T133237_20171009T134322_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_220171009T134608_20171009T140729_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_220171009T142511_20171009T143440_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_220171009T144419_20171009T144901_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_220171009T151104_20171009T154610_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_220171009T160519_20171009T163604_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_220171009T165019_20171009T170943_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_220171009T171043_20171009T172536_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_220171009T174249_20171009T175254_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_220171009T175913_20171009T181505_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_220171009T182809_20171009T184611_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_220171009T184621_20171009T184904_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_220171009T192030_20171009T194250_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_220171009T194412_20171009T195549_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_220171009T202158_20171009T204239_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_220171009T205903_20171009T212612_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_220171009T215828_20171009T222221_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_220171009T223839_20171009T224903_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_220171009T233430_20171009T234505_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.
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# 7. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR1LRM_0_	150	150	150	0	0
SIR1SAR_0_	114	114	114	0	0
SIR1SIN_0_	112	112	112	0	0
SIR2SIN_0_	118	118	118	0	0
SIR_FDM_1B	150	150	150	0	0
SIR FDM 2	148	148	148	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