

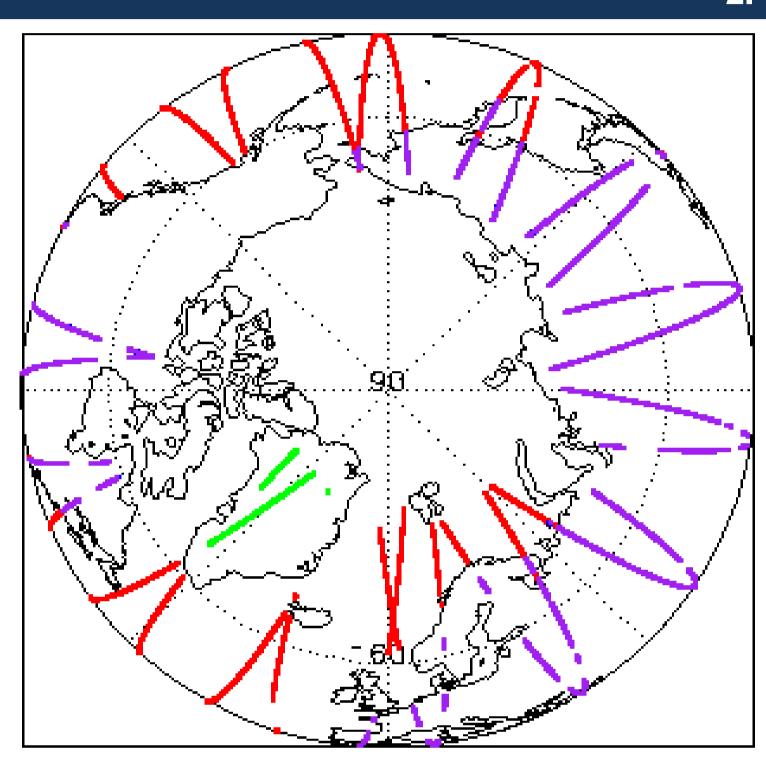
1. Overview

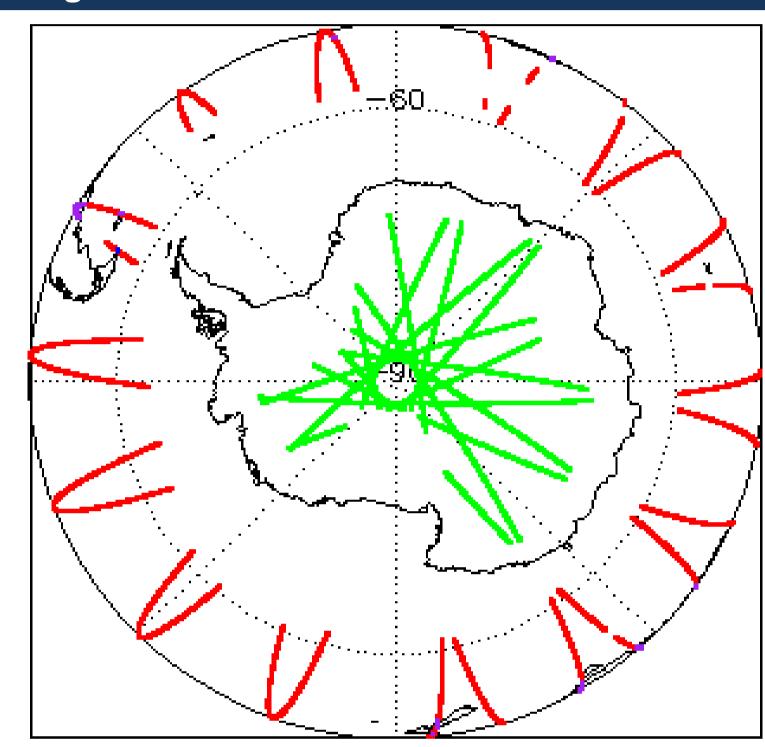
Report Production Date:	13-Jul-2020	
- Noport i roddotion bate.	13-341-2020	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	

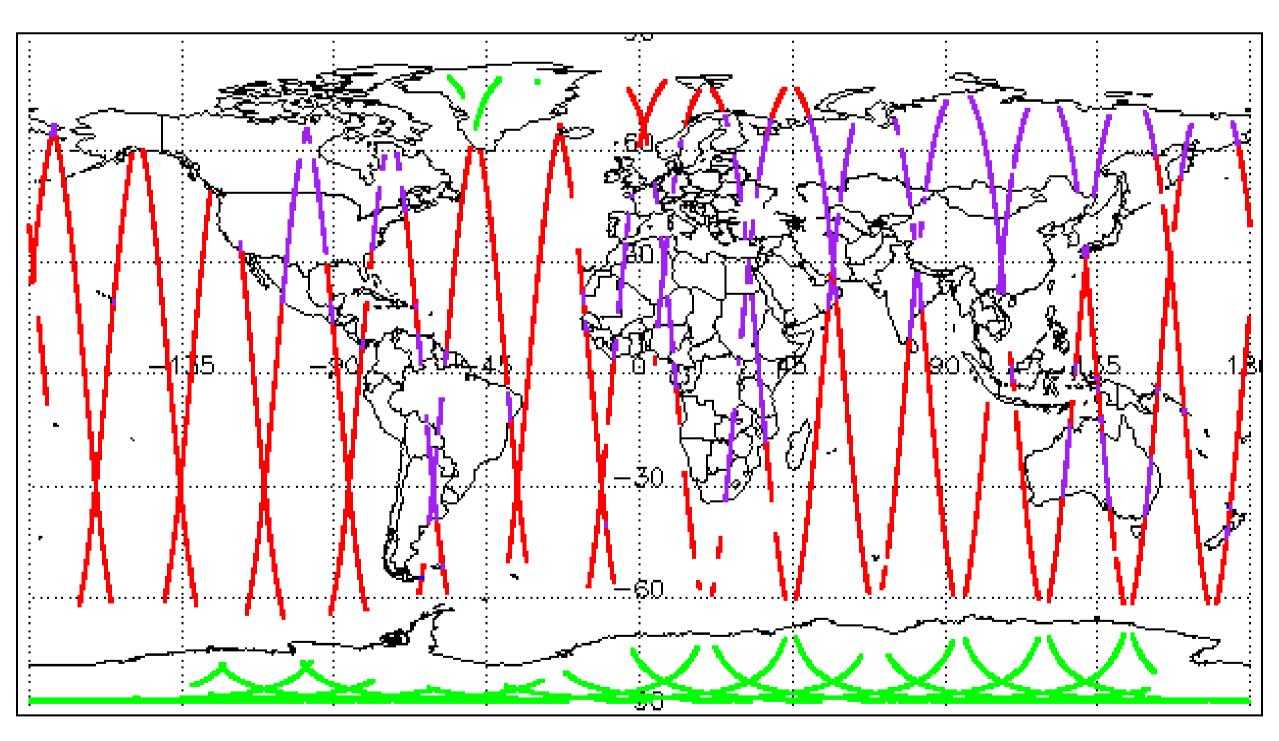
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2, 5.2 and 6.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary 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
QCC Error/ Warning Check	See Section 7.1 and 7.2

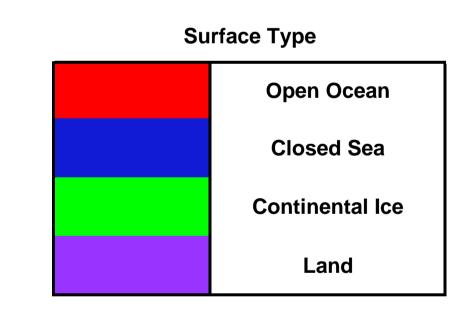
Mission / Instru	Mission / Instrument News		
09-Jul-2020	None		
10-Jul-2020	None		
11-Jul-2020	Nothing planned		

2. Global Coverage









3. Instrument Configuration

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

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

4. Level 0 Data Quality Check

4.1 L0 Product Format Check

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

4.2 L0 Product Header Analysis

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

Number of products with errors: 10

Product	Test Failed
CS_OPER_SIR1SAR_020200710T092359_20200710T092744_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020200710T145313_20200710T145359_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020200710T165643_20200710T170346_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020200710T012025_20200710T012128_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020200710T052856_20200710T053124_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020200710T124444_20200710T124906_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020200710T164735_20200710T164858_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020200710T061854_20200710T062052_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020200710T071046_20200710T071207_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020200710T163046_20200710T163339_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).

0

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: 15

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20200710T065623_20200710T065713_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T082800_20200710T083318_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T083318_20200710T083850_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T100946_20200710T101049_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T101049_20200710T101301_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T114849_20200710T115017_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T132836_20200710T133213_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T133213_20200710T133258_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T185505_20200710T191601_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T191650_20200710T191827_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T192326_20200710T192703_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T192711_20200710T192720_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T192726_20200710T193053_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T193417_20200710T200141_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20200710T200143_20200710T200206_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).

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_20200710T082800_20200710T083318_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20200710T100946_20200710T101049_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20200710T132836_20200710T133213_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.

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:

6

0

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20200710T015415_20200710T020009_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_20200710T053238_20200710T053336_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_20200710T053459_20200710T054049_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_20200710T082800_20200710T083318_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20200710T100946_20200710T101049_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20200710T132836_20200710T133213_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: 28

Product	Test Failed
CS_OFFL_SIR_FDM_220200710T025341_20200710T025536_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T030302_20200710T030618_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T065623_20200710T065713_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T082800_20200710T083318_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T083318_20200710T083850_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T100946_20200710T101049_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T101049_20200710T101301_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T103008_20200710T110329_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T111040_20200710T111554_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T114849_20200710T115017_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T115313_20200710T115716_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T132836_20200710T133213_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T133213_20200710T133258_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T154610_20200710T160050_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T170839_20200710T170934_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T170936_20200710T170942_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T172532_20200710T173937_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T174812_20200710T174821_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T184929_20200710T184932_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T185505_20200710T191601_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T191650_20200710T191827_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T192326_20200710T192703_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T192711_20200710T192720_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T192726_20200710T193053_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T193417_20200710T200141_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T200143_20200710T200206_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T215954_20200710T220403_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220200710T234259_20200710T234325_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).

6.3 L2 FDM Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 L2 FDM Auxiliary Correction Error Check

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

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220200709T234428_20200710T000543_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220200710T000829_20200710T002014_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_220200710T002923_20200710T003411_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

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CS DHF 38 H PM 2 20000101000000 2000010100000 CONTROL All health Control Contr	CS_OFFL_SIR_FDM_220200710T015415_20200710T020009_C001	, and the second	
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So. OFFL. SIR. FDM. 2. 202001/10112932 202001/1011294 202001/10112	CS_OFFL_SIR_FDM_220200710T071207_20200710T074543_C001	Sea State Bias Correction	
CS_OFFL_SIR_FDM_2_20000710T19308_2000710T19308_20001 Sas State Bas Correction Attenditor Sas State Bas Correction Attend	CS_OFFL_SIR_FDM_220200710T083318_20200710T083850_C001		·
Son State Basic Correction Althrents CS_OFFL_SIR_FDM_2_20200710T130088_20200710T121947_COOI Son State Basic Correction Althrents Wind Speed CS_OFFL_SIR_FDM_2_20200710T120708_20200710T121947_COOI Son State Basic Correction Althrents Wind Speed CS_OFFL_SIR_FDM_2_20200710T120708_20200710T121947_COOI Son State Basic Correction Althrents Wind Speed CS_OFFL_SIR_FDM_2_20200710T120708_20200710T121947_COOI Son State Basic Correction Althrents Wind Speed CS_OFFL_SIR_FDM_2_20200710T120708_20200710T131912_COOI Son State Basic Correction Althrents Wind Speed CS_OFFL_SIR_FDM_2_20200710T132008_20200710T13247_COOI Son State Basic Correction Althrents Wind Speed CS_OFFL_SIR_FDM_2_20200710T132008_20200710T13247_COOI Son State Basic Correction Althrents Wind Speed CS_OFFL_SIR_FDM_2_20200710T132008_20200710T132015_COOI Son State Basic Correction Althrents Wind Speed CS_OFFL_SIR_FDM_2_20200710T132082_20200710T13213315_COOI Son State Basic Correction Althrents Wind Speed CS_OFFL_SIR_FDM_2_20200710T132082_20200710T132053_COOI CS_OFFL_SIR_FDM_2_20200710T132082_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132082_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132082_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132082_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132083_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132083_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132083_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132083_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132083_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132083_20200710T132083_COOI CS_OFFL_SIR_FDM_2_20200710T132083_20200710T1200142_COOI CS_OFFL_SIR_FDM_2_20200710T132083_20200710T1200142_COOI CS_OFFL_SIR_	CS_OFFL_SIR_FDM_220200710T085342_20200710T092358_C001	·	·
CS OFFL SIR FDM 2 2000710T120788 2000710T12147 C001 See State Bias Correction See State Bias Correction for one or more conds. There is an arrow with the Alterient's Wind Speed and See State Bias Correction for one or more conds. There is an arrow with the Alterient's Wind Speed and See State Bias Correction, Alterient's Wind Speed and See State Bias Correction on a more records See State Bias Correction, Alterient's Wind Speed and See State Bias Correction on a more records See State Bias Correction, Alterient's Wind Speed and See State Bias Correction for one or more records See State Bias Correction, Alterient's Wind Speed and See State Bias Correction for one or more records See State Bias Correction, Alterient's Wind Speed and See State Bias Correction for one or more records See State Bias Correction, Alterient's Wind Speed and See State Bias Correction for one or more records See State Bias Correction, Alterient's Wind Speed and See State Bias Correction for one or more records See State Bias Correction, Alterient's Wind Speed and Sea State	CS_OFFL_SIR_FDM_220200710T094016_20200710T094509_C001	Sea State Bias Correction	
See State Beas Correction. Altimetric Wind Speed See State Beas Correction. Altimetric Wind Spe	CS_OFFL_SIR_FDM_220200710T103008_20200710T110329_C001	·	·
CS_OFFL_SIR_FDM_2_200007/101124393_200007/101124239_C0007 CS_OFFL_SIR_FDM_2_200007/101124396_200007/101139192_C000 CS_OFFL_SIR_FDM_2_200007/101124396_200007/101139192_C000 CS_OFFL_SIR_FDM_2_200007/101124396_200007/101139192_C000 CS_OFFL_SIR_FDM_2_200007/10113936_200007/101139247_C000 CS_OFFL_SIR_FDM_2_200007/10113936_200007/101139300_C000 CS_OFFL_SIR_FDM_2_200007/10113936_200007/10113930_C000 CS_OFFL_SIR_FDM_2_200007/10113936_200007/10113930_C000 CS_OFFL_SIR_FDM_2_200007/10113936_200007/10113930_C000 CS_OFFL_SIR_FDM_2_200007/10113930_C000 CS_OFFL_SIR_FDM_2_200007/10113937_200007/101152823_C00007/10113930_C000 CS_OFFL_SIR_FDM_2_200007/10113937_200007/101152823_C00007/10113930_C000 CS_OFFL_SIR_FDM_2_200007/10113937_200007/101152823_C00000 CS_OFFL_SIR_FDM_2_200007/10115407_C000 CS_OFFL_SIR_FDM_2_200007/10115407_C000 CS_OFFL_SIR_FDM_2_200007/10115407_C000 CS_OFFL_SIR_FDM_2_200007/10115407_C000 CS_OFFL_SIR_FDM_2_200007/10116401_200007/101160050_C000 CS_OFFL_SIR_FDM_2_200007/10116401_200007/101160050_C000 CS_OFFL_SIR_FDM_2_200007/10116401_200007/101160050_C000 CS_OFFL_SIR_FDM_2_200007/10116401_200007/101160050_C000 CS_OFFL_SIR_FDM_2_200007/10116401_200007/101160050_C000 CS_OFFL_SIR_FDM_2_200007/10116401_200007/101160050_C000 CS_OFFL_SIR_FDM_2_200007/10116401_200007/101160050_C000 CS_OFFL_SIR_FDM_2_200007/10116401_200007/101160050_C000 CS_OFFL_SIR_FDM_2_200007/10116401_200007/10116401_C000 CS_OFFL_SIR_FDM_2_200007/10116401_C000 CS_OFFL_SIR_FD	CS_OFFL_SIR_FDM_220200710T112241_20200710T112704_C001	Sea State Bias Correction	
CS OFFL SIR FDM 2 020007101123686 202007101133213 C001 Wind Speed Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction	CS_OFFL_SIR_FDM_220200710T120708_20200710T121847_C001	Wind Speed	Correction for one or more records
GS_OFFL_SIR_FDM_2_20200710T132906_20200710T132427_C001 Sas State Bias Correction, Altimetric Wind Speed See State Bias Correction, Alt	CS_OFFL_SIR_FDM_220200710T122133_20200710T124239_C001	Wind Speed	Correction for one or more records
Wind Speed of CS_OFFL_SIR_FDM_2_20200710T134282_0200710T134242_0200710T134242_0200710T134242_0200710T134242_0200710T134242_0200710T134342_000710T13442_000710T13442_000710T13442_000710T134342_000710T133343_00	CS_OFFL_SIR_FDM_220200710T125956_20200710T131912_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20200710T134283_20001 CS_OFFL_SIR_FDM_2_20200710T145433_CO01 CS_OFFL_SIR_FDM_2_20200710T14553_CO01 CS_OFFL_SIR_FDM_2_20200710T14553_CO01 CS_OFFL_SIR_FDM_2_20200710T15543_CO01 CS_OFFL_SIR_FDM_2_20200710T1656_020200710T1655_CO01 CS_OFFL_SIR_FDM_2_20200710T165_020200710T165_000 CS_OFFL_SIR_FDM_2_20200710T165_020200710T165_000 CS_OFFL_SIR_FDM_2_20200710T16461_020200710T165_000 CS_OFFL_SIR_FDM_2_20200710T16461_020200710T166_000 CS_OFFL_SIR_FDM_2_20200710T16461_020200710T166_000 CS_OFFL_SIR_FDM_2_20200710T1646_0000 CS_OFFL_SIR_FDM_2_20200710T166_000 CS_OFFL_SIR_FDM_2_20200710T16_0000 CS_OFFL_SIR_FDM_2_20200710T16_0000 CS_OFFL_SIR_FDM_2_20200710T16_0000 CS_OFFL_SIR_FDM_2_20200710T16_0000 CS_OFFL_SIR_FDM_2_20200710T16_0000 CS_OFFL_SIR_FDM_2_20200710T16_0000 CS_OFFL_SIR_FDM_2_20200710T16_0000 CS_OFFL_SIR_FDM_2_20200710T16_0000 CS_OFFL_SIR_FDM_2_202000710T16_0000 CS_OFFL_SIR_FDM_2_202000710T16_0000 CS_OFFL_SIR_FDM_2_202000710T16_0000 CS_OFFL_SIR_FDM_2_202000710T16_0000 CS_OFFL_SIR_FDM_2_202000710T16_0000 CS_OFFL_SIR_FDM_2_202000710T176_0000 CS_OFFL_SIR_FDM_2_202000710T176_00000 CS_OFFL_SIR_FDM_2_202000710T176_0000 CS_OFFL_SIR_FDM_2_202000710T176_00000 CS_OFFL_SIR_FDM_2_202000710T176_0000000 CS_OFFL_SIR_FDM_2_202000710T176_000000000000000000000000000000000000	CS_OFFL_SIR_FDM_220200710T132006_20200710T132427_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20200710T134582_20200710T142147_C001 CS_OFFL_SIR_FDM_2_20200710T14404_20200710T145313_C001 CS_OFFL_SIR_FDM_2_20200710T152502_20200710T152823_C001 CS_OFFL_SIR_FDM_2_20200710T152502_20200710T152823_C001 CS_OFFL_SIR_FDM_2_20200710T15407_C001 CS_OFFL_SIR_FDM_2_20200710T15407_C001 CS_OFFL_SIR_FDM_2_20200710T15407_C001 CS_OFFL_SIR_FDM_2_20200710T15407_C001 CS_OFFL_SIR_FDM_2_20200710T15407_C001 CS_OFFL_SIR_FDM_2_20200710T15407_C001 CS_OFFL_SIR_FDM_2_20200710T15407_C001 CS_OFFL_SIR_FDM_2_20200710T15407_C001 CS_OFFL_SIR_FDM_2_20200710T160360_C001 CS_OFFL_SIR_FDM_2_20200710T172532_20200710T193007_C001 CS_OFFL_SIR_FDM_2_20200710T172532_20200710T191601_C001 CS_OFFL_SIR_FDM_2_20200710T193407_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T193417_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T203040_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T23320_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T23320_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T23320_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200710T23320_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200710T23320_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200710T23320_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200710T233410_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200710T233410_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200710T233410_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200710T233410_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200710T233410_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200710T233410_C001 CS_OFFL_SIR_FDM_2_20200710T23359_20200	CS_OFFL_SIR_FDM_220200710T132836_20200710T133213_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20200710T145959_20200710T152823_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_20200710T152823_C001 CS_OFFL_SIR_FDM_2_20200710T153437_20200710T160050_C001 CS_OFFL_SIR_FDM_2_20200710T154610_20200710T160050_C001 CS_OFFL_SIR_FDM_2_20200710T164610_20200710T160050_C001 CS_OFFL_SIR_FDM_2_20200710T163440_20200710T162959_C001 CS_OFFL_SIR_FDM_2_20200710T163440_20200710T164735_C001 CS_OFFL_SIR_FDM_2_20200710T163440_20200710T164735_C001 CS_OFFL_SIR_FDM_2_20200710T175332_20200710T173937_C001 CS_OFFL_SIR_FDM_2_20200710T185505_20200710T191601_C001 CS_OFFL_SIR_FDM_2_20200710T173931_20200710T100141_C001 CS_OFFL_SIR_FDM_2_20200710T173931_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T17393417_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T17393417_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T173954_20200710T20403_C001 CS_OFFL_SIR_FDM_2_20200710T213964_20200710T224490_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T232429_C001 CS_OFFL_SIR_FDM_2_20200710T223393_20200710T232391_C001 CS_OFFL_SIR_FDM_2_20200710T223393_20200710T232391_C001 CS_OFFL_SIR_FDM_2_20200710T223393_20200710T232391_C001 CS_OFFL_SIR_FDM_2_20200710T223393_20200710T232391_C001 CS_OFFL_SIR_FDM_2_20200710T223393_20200710T232391_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T232391_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23391_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23391_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23440_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23440_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23440_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23440_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23440_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23440_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23440_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23440_C001 CS_OFFL_SIR_FDM_2_20200710T23393_20200710T23440_C001 CS_OFFL_SIR_FDM_2_202007	CS_OFFL_SIR_FDM_220200710T134628_20200710T134930_C001	Wind Speed	Correction for one or more records
Se State Bias Correction Se 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 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 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 Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea Stat	CS_OFFL_SIR_FDM_220200710T135554_20200710T142147_C001	,	Correction for one or more records
CS_OFFL_SIR_FDM_2_20200710T153437_20200710T154407_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20200710T164810_20200710T160050_C001 CS_OFFL_SIR_FDM_2_20200710T164736_20200710T160959_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20200710T163440_20200710T164735_C001 CS_OFFL_SIR_FDM_2_20200710T165050_20200710T173937_C001 CS_OFFL_SIR_FDM_2_20200710T185050_20200710T173937_C001 CS_OFFL_SIR_FDM_2_20200710T185505_20200710T173937_C001 CS_OFFL_SIR_FDM_2_20200710T185050_20200710T196101_C001 CS_OFFL_SIR_FDM_2_20200710T193417_20200710T20141_C001 CS_OFFL_SIR_FDM_2_20200710T193417_20200710T20141_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T205827_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T220403_C001 CS_OFFL_SIR_FDM_2_20200710T211426_20200710T220403_C001 CS_OFFL_SIR_FDM_2_20200710T215954_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T22337_20200710T223329_C001 CS_OFFL_SIR_FDM_2_20200710T22337_20200710T223329_C001 CS_OFFL_SIR_FDM_2_20200710T223391_20200710T223329_C001 CS_OFFL_SIR_FDM_2_20200710T223391_20200710T223329_C001 CS_OFFL_SIR_FDM_2_20200710T223391_20200710T233418_C0001 CS_OFFL_SIR_FDM_2_20200710T223391_20200710T233418_C0001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T233429_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T233429_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T233429_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T233429_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T233429_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T233429_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T233446_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T234446_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T234446_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T234446_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T234446_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T234446_C001 CS_OFFL_SIR_FDM_2_20200710T23391_20200710T234446_C001 CS_OF	CS_OFFL_SIR_FDM_220200710T144044_20200710T145313_C001		records
Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20200710T161364_0_20200710T162959_C001 CS_OFFL_SIR_FDM_2_20200710T16136_02000710T162959_C001 CS_OFFL_SIR_FDM_2_20200710T163440_20200710T164735_C001 CS_OFFL_SIR_FDM_2_20200710T163440_20200710T164735_C001 CS_OFFL_SIR_FDM_2_20200710T163440_20200710T164735_C001 CS_OFFL_SIR_FDM_2_20200710T172532_20200710T173937_C001 CS_OFFL_SIR_FDM_2_20200710T172532_20200710T173937_C001 CS_OFFL_SIR_FDM_2_20200710T185505_20200710T191601_C001 CS_OFFL_SIR_FDM_2_20200710T193417_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T193417_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T193417_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T208827_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T208403_C001 CS_OFFL_SIR_FDM_2_20200710T213937_20200710T220403_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223592_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T232310_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23210_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23210_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23415_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23415_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23415_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23415_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23415_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23415_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23415_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23415_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T23	CS_OFFL_SIR_FDM_220200710T152502_20200710T152823_C001	Wind Speed	Correction for one or more records
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CS_OFFL_SIR_FDM_2_20200710T163440_20200710T164735_C001 CS_OFFL_SIR_FDM_2_20200710T172532_20200710T173937_C001 CS_OFFL_SIR_FDM_2_20200710T172532_20200710T191601_C001 CS_OFFL_SIR_FDM_2_20200710T193417_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T193417_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T193417_20200710T200141_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T205827_C001 CS_OFFL_SIR_FDM_2_20200710T203318_20200710T20402_C001 CS_OFFL_SIR_FDM_2_20200710T211426_20200710T20402_C001 CS_OFFL_SIR_FDM_2_20200710T213954_20200710T220403_C001 CS_OFFL_SIR_FDM_2_20200710T215954_20200710T220403_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223309_C000710T23309_C000710T2309_C000	CS_OFFL_SIR_FDM_220200710T154610_20200710T160050_C001	· ·	Correction for one or more records
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CS_OFFL_SIR_FDM_2_20200710T203318_20200710T205827_C001 CS_OFFL_SIR_FDM_2_20200710T211426_20200710T214802_C001 CS_OFFL_SIR_FDM_2_20200710T215954_20200710T220403_C001 CS_OFFL_SIR_FDM_2_20200710T215954_20200710T220403_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T233910_C001 CS_OFFL_SIR_FDM_2_20200710T2233913_20200710T2334145_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 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 Correcti	CS_OFFL_SIR_FDM_220200710T185505_20200710T191601_C001		Correction for one or more records
Wind Speed CS_OFFL_SIR_FDM_2_20200710T211426_20200710T214802_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20200710T215954_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223559_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T2233913_20200710T233913_20200710T233913_20200710T234120_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T234120_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T234120_C001 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 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 e	CS_OFFL_SIR_FDM_220200710T193417_20200710T200141_C001		records
CS_OFFL_SIR_FDM_2_20200710T215954_20200710T220403_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223559_20200710T233910_C001 CS_OFFL_SIR_FDM_2_20200710T2233913_20200710T234120_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T234120_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T234140_20200710T234145_C001 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 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 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 er	CS_OFFL_SIR_FDM_220200710T203318_20200710T205827_C001	· ·	Correction for one or more records
CS_OFFL_SIR_FDM_2_20200710T223307_20200710T223429_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223559_20200710T232910_C001 CS_OFFL_SIR_FDM_2_20200710T2233913_20200710T233913_20200710T234120_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T234140_20200710T234145_C001 Wind Speed 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 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	CS_OFFL_SIR_FDM_220200710T211426_20200710T214802_C001		records
CS_OFFL_SIR_FDM_2_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 CS_OFFL_SIR_FDM_2_20200710T22359_20200710T232910_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T232910_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T234120_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T234140_20200710T234145_C001 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 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_220200710T215954_20200710T220403_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20200710T223629_20200710T223723_C001 Wind Speed CS_OFFL_SIR_FDM_2_20200710T225359_20200710T232910_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T234120_C001 CS_OFFL_SIR_FDM_2_20200710T233913_20200710T234120_C001 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 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	CS_OFFL_SIR_FDM_220200710T223307_20200710T223429_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20200710T233913_20200710T232910_C001 Wind Speed Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records 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 There is an error with the Altimetric Wind Speed and Sea State Bias There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220200710T223629_20200710T223723_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_202007101233913_202007101234120_C001 Wind Speed Wind Speed CS_OFFL_SIR_FDM_2_202007101233913_202007101234145_C001 Wind Speed CS_OFFL_SIR_FDM_2_202007101233913_202007101234145_C001 Wind Speed Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220200710T225359_20200710T232910_C001	Wind Speed	Correction for one or more records
CS OFFE SIR FDM 2 202007101234140 202007101234145 C001	CS_OFFL_SIR_FDM_220200710T233913_20200710T234120_C001	Wind Speed	Correction for one or more records
	CS_OFFL_SIR_FDM_220200710T234140_20200710T234145_C001		·

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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220200710T015415_20200710T020009_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220200710T053238_20200710T053336_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220200710T053459_20200710T054049_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220200710T082800_20200710T083318_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220200710T100946_20200710T101049_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220200710T132836_20200710T133213_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:

26

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220200710T000829_20200710T002014_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_220200710T012351_20200710T015311_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_220200710T015415_20200710T020009_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_220200710T030708_20200710T032923_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_220200710T035251_20200710T040842_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_220200710T041501_20200710T042027_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_220200710T042343_20200710T042544_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_220200710T045809_20200710T050052_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_220200710T053459_20200710T054049_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_220200710T054332_20200710T060632_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_220200710T083318_20200710T083850_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_220200710T085342_20200710T092358_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_220200710T103008_20200710T110329_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_220200710T120708_20200710T121847_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_220200710T122133_20200710T124239_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_220200710T125956_20200710T131912_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_220200710T132006_20200710T132427_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_220200710T134628_20200710T134930_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_220200710T135554_20200710T142147_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_220200710T153437_20200710T154407_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_220200710T154610_20200710T160050_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_220200710T163440_20200710T164735_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_220200710T185505_20200710T191601_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_220200710T203318_20200710T205827_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_220200710T215954_20200710T220403_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_220200710T225359_20200710T232910_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:

26

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220200710T000829_20200710T002014_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_220200710T012351_20200710T015311_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_220200710T015415_20200710T020009_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.

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CS_OFFL_SIR_FDM_220200710T030708_20200710T032923_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_220200710T035251_20200710T040842_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_220200710T041501_20200710T042027_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_220200710T042343_20200710T042544_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_220200710T045809_20200710T050052_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_220200710T053459_20200710T054049_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_220200710T054332_20200710T060632_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_220200710T083318_20200710T083850_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_220200710T085342_20200710T092358_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_220200710T103008_20200710T110329_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_220200710T120708_20200710T121847_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_220200710T122133_20200710T124239_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_220200710T125956_20200710T131912_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_220200710T132006_20200710T132427_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_220200710T134628_20200710T134930_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_220200710T135554_20200710T142147_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_220200710T153437_20200710T154407_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_220200710T154610_20200710T160050_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_220200710T163440_20200710T164735_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_220200710T185505_20200710T191601_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_220200710T203318_20200710T205827_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_220200710T215954_20200710T220403_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_220200710T225359_20200710T232910_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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220200709T234428_20200710T000543_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_220200710T000829_20200710T002014_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_220200710T004833_20200710T005434_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_220200710T012351_20200710T015311_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_220200710T015415_20200710T020009_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_220200710T021153_20200710T021202_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_220200710T021952_20200710T024405_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_220200710T030708_20200710T032923_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_220200710T035251_20200710T040842_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_220200710T041501_20200710T042027_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_220200710T042343_20200710T042544_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_220200710T045809_20200710T050052_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_220200710T053459_20200710T054049_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_220200710T054332_20200710T060632_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_220200710T062207_20200710T064509_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_220200710T071207_20200710T074543_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_220200710T080131_20200710T082535_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_220200710T083318_20200710T083850_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_220200710T085342_20200710T092358_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_220200710T094735_20200710T095606_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_220200710T103008_20200710T110329_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_220200710T112241_20200710T112704_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_220200710T113236_20200710T113700_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_220200710T120708_20200710T121847_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_220200710T122133_20200710T124239_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_220200710T125956_20200710T131912_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_220200710T132006_20200710T132427_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_220200710T134628_20200710T134930_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_220200710T134945_20200710T135415_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_220200710T135554_20200710T142147_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_220200710T144044_20200710T145313_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_220200710T145359_20200710T151107_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_220200710T153437_20200710T154407_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_220200710T154610_20200710T160050_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_220200710T161736_20200710T162959_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_220200710T163440_20200710T164735_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_220200710T175539_20200710T182111_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_220200710T185505_20200710T191601_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_220200710T193417_20200710T200141_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_220200710T203318_20200710T205827_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_220200710T211426_20200710T214802_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_220200710T215954_20200710T220403_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_220200710T225359_20200710T232910_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_220200710T234140_20200710T234145_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

7. QCC Report Analysis

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

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR1LRM_0_	149	149	149	0	0
SIR1SAR_0_	120	120	120	0	0
SIR1SIN_0_	109	109	109	0	0
SIR2SIN_0_	116	116	116	0	0
SIR_FDM_1B	149	149	3	0	146
SIR_FDM_2	149	149	92	57	0

7.1 QCC Errors

Number of QCC reports with errors:

146

SIR_FDM_1B 146	Product Type	UVOB	-	-	-	-	-	-	-	-	-	-
	SIR_FDM_1B	146										

Abbreviation Test name Details			
UVOB	UnitVectorOrBlank_6	The three array elements should form a unit vector (using a scale factor of 10^6)	

7.2 QCC Warnings

Number of QCC reports with warnings

189

					Total number of	of occurrences of	of each warning				
Product Type	MVSIO	MVSIOFD	RAGCOFOFD	RBSZO	RBSZOFD	RSSBCO	-	-	-	-	-
SIR_FDM_1B	0	0	2	0	0	0					
SIR_FDM_2_	44.00	44.00	0.00	40.00	43.00	16.00					

Test Description Key:				
Abbreviation	Test name	Details		
MVSIO	MissingValueShortIntOcean	The value should not be a 'missing value' for surface type 0 only		
MVSIOFD	MissingValueShortIntOceanFD2	The value should not be a 'missing value' for surface type 0 only		

RAGCOFOFD	RangeAGCOrFlaggedOceanFD3	The AGC should be between 0 and 6200 or the AGC_Inconsistency flag should be set for surface type = ocean
RBSZO	RangeBackscatterSigmaZeroOcean	The backscatter sigma zero should be between 700 and 3000 (or missing) for surface type = ocean
RBSZOFD	RangeBackscatterSigmaZeroOceanFD2	The backscatter sigma zero should be between 700 and 3000 (or missing) for surface type = ocean
RSSBCO	RangeSeaStateBiasCorrectionOcean	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0