



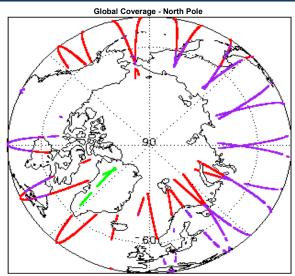
1. Overview

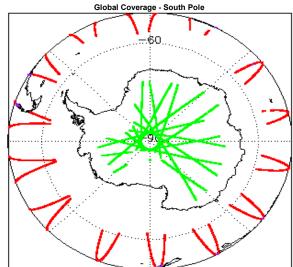
Report Production Date:	30-Sep-2019	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM)	

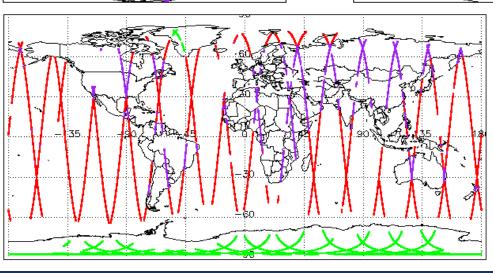
Check	Ctatus
Cneck	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2, 5.2 and 6.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	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

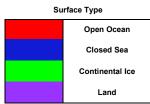
Mission / Instr	ument News
26-Sep-2019	None
27-Sep-2019	None
28-Sep-2019	Nothing planned

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:

Product	Test Failed
CS_OPER_SIR1SIN_020190927T034129_20190927T034242_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190927T034254_20190927T034538_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190927T070136_20190927T070347_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190927T170242_20190927T170743_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190927T083818_20190927T083858_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190927T092806_20190927T093039_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190927T234316_20190927T234719_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:

0

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 CS_OFFL_SIR_FDM_1B_20190927T001655_20190927T001757_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_1B_20190927T001757_20190927T001818_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_1B_20190927T033836_20190927T033859_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_1B_20190927T033859_20190927T033953_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_1B_20190927T090258_20190927T092352_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS OFFL SIR FDM 1B 20190927T092440 20190927T092508 C001.DBL FOS Predicted Orbit (MPL ORBPRE) used instead of the DORIS Navigator Orbit (DOR NAV). CS_OFFL_SIR_FDM_1B_20190927T093039_20190927T093410_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_1B_20190927T093418_20190927T093427_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS OFFL SIR FDM 1B 20190927T093433 20190927T093800 C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_1B_20190927T094136_20190927T100745_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_1B_20190927T100747_20190927T100902_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL ORBPRE) used instead of the DORIS Navigator Orbit (DOR NAV). CS OFFL SIR FDM 1B 20190927T100905 20190927T100908 C001.DBL CS_OFFL_SIR_FDM_1B_20190927T100911_20190927T100920_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_1B_20190927T100923_20190927T100934_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_1B_20190927T100936_20190927T100940_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_20190927T001655_20190927T001757_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20190927T033836_20190927T033859_C001	No Star Tracker file used in the processing of this product

5.4 L1B FDM Calibration Usage Check

Each product is checked in order to ensure the necessary calibration files have been used in processing.

Number of products with errors:

5.5 L1B FDM Auxilary Data File Usage Check

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

Number of products with errors:

5.6 L1B FDM Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

5.7 L1B FDM Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20190927T001655_20190927T001757_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20190927T033836_20190927T033859_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:

31

CS_OFFL_SIR_FDM_2_20190927T001658_20190927T001816_COID_BL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T003849_20190927T003859_COID_BL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T003889_20190927T003895_COID_BL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T033899_20190927T003395_COID_BL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV) and product figerame startistop artists possibly from startistop validity due for orunding. CS_OFFL_SIR_FDM_2_20190927T053989_20190927T053101_COID_BL CS_OFFL_SIR_FDM_2_20190927T05308_20190927T053102_COID_BL CS_OFFL_SIR_FDM_2_20190927T05309_20190927T053102_COID_BL CS_OFFL_SIR_FDM_2_20190927T0705202_20190927T075320_COID_BL CS_OFFL_SIR_FDM_2_20190927T075310_20190927T075320_COID_BL CS_OFFL_SIR_FDM_2_20190927T0705310_20190927T075520_COID_BL CS_OFFL_SIR_FDM_2_20190927T002440_20190927T092300_COID_BL CS_OFFL_SIR_FDM_2_20190927T002440_20190927T005300_COID_BL CS_OFFL_SIR_FDM_2_20190927T002440_20190927T005300_COID_BL CS_OFFL_SIR_FDM_2_20190927T002440_20190927T005300_COID_BL CS_OFFL_SIR_FDM_2_20190927T003410_20190927T003410_COID_BL CS_OFFL_SIR_FDM_2_20190927T003410_20190927T003410_COID_BL CS_OFFL_SIR_FDM_2_20190927T003410_20190927T003410_COID_BL CS_OFFL_SIR_FDM_2_20190927T003410_20190927T003410_COID_BL CS_OFFL_SIR_FDM_2_20190927T003410_20190927T003410_COID_BL CS_OFFL_SIR_FDM_2_20190927T003410_20190927T100340_COID_BL CS_OFFL_SIR_FDM_2_20190927T1003410_20190927T100340_COID_BL CS_OFFL_SIR_FDM_2_20190927T1003410_20190927T100340_COID_BL CS_OFFL_SIR_FDM_2_20190927T1003410_20190927T100340_COID_BL CS_OFFL_SIR_FDM_2_20190927T1003410_20190927T100340_COID_BL CS_OFFL_SIR_FDM_2_20190927T1003410_20190927T100340_COID_BL CS_OFFL_SIR_FDM_2_20190927T1003410_20190927T100340_COID_BL CS_OFFL_SIR_FDM_2_20190927T1003410_20190927T100340_COID_BL CS_OFFL	Product	Test Failed	
CS_OFFL_SIR_FDM_2_20190927T033836_20190927T05250_C001 DBL CS_OFFL_SIR_FDM_2_20190927T033836_20190927T05210_C001 DBL CS_OFFL_SIR_FDM_2_20190927T033836_20190927T05210_C001 DBL CS_OFFL_SIR_FDM_2_20190927T053836_20190927T05210_C001 DBL CS_OFFL_SIR_FDM_2_20190927T052386_20190927T05210_C001 DBL CS_OFFL_SIR_FDM_2_20190927T052386_20190927T05210_C001 DBL CS_OFFL_SIR_FDM_2_20190927T052386_20190927T052510_C001 DBL CS_OFFL_SIR_FDM_2_20190927T05250_20190927T05250_C001 DBL CS_OFFL_SIR_FDM_2_20190927T070525_20190927T070525_2001 DBL CS_OFFL_SIR_FDM_2_20190927T070525_20190927T070525_2001 DBL CS_OFFL_SIR_FDM_2_20190927T070525_20190927T070528_C001 DBL CS_OFFL_SIR_FDM_2_20190927T070525_2010 DBL CS_OFFL_SIR_FDM_2_20190927T070525_2010 DBL CS_OFFL_SIR_FDM_2_20190927T09250_20190927T09258_C001 DBL CS_OFFL_SIR_FDM_2_20190927T09250_20190927T09258_C001 DBL CS_OFFL_SIR_FDM_2_20190927T09250_20190927T09258_C001 DBL CS_OFFL_SIR_FDM_2_20190927T09240_20190927T09258_C001 DBL CS_OFFL_SIR_FDM_2_20190927T09240_20190927T09258_C001 DBL CS_OFFL_SIR_FDM_2_20190927T092418_20190927T09258_C001 DBL CS_OFFL_SIR_FDM_2_20190927T092418_20190927T09258_C001 DBL CS_OFFL_SIR_FDM_2_20190927T092418_20190927T09340_C001 DBL CS_OFFL_SIR_FDM_2_20190927T092418_20190927T09380_C001 DBL CS_OFFL_SIR_FDM_2_20190927T109341_20190927T09380_C001 DBL CS_OFFL_SIR_FDM_2_20190927T109343_20190927T09380_C001 DBL CS_OFFL_SIR_FDM_2_20190927T109343_20190927T109380_C001 DBL CS_OFFL_SIR_FDM_2_20190927T109343_20190927T10934_C001 DBL CS_OFFL_SIR_FDM_2_20190927T10934_C001 DBL CS_OFFL_SIR_FDM_2_20190927T10934_20190927T10934_C001 DBL CS_OFFL_SIR_FDM_2_20190927T10934_20190927T10934_C001 DBL CS_OFFL_SIR_FDM_2_20190927T119356_C001 DBL CS_OFFL_SIR_FDM_2_2019	CS_OFFL_SIR_FDM_220190927T001655_20190927T001757_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20199927T03385_20199927T05106_C01_DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV) and product filename start/solop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20199927T051926_20199927T055108_C001_DBL CS_OFFL_SIR_FDM_2_20199927T05928_20199927T055108_C001_DBL CS_OFFL_SIR_FDM_2_20199927T05928_20199927T053252_C001_DBL CS_OFFL_SIR_FDM_2_20199927T070592_00199927T053525_C001_DBL CS_OFFL_SIR_FDM_2_20199927T070592_00199927T053525_C001_DBL CS_OFFL_SIR_FDM_2_20199927T070592_00199927T052508_C001_DBL CS_OFFL_SIR_FDM_2_20199927T070592_00199927T052508_C001_DBL CS_OFFL_SIR_FDM_2_20199927T070592_00199927T052508_C001_DBL CS_OFFL_SIR_FDM_2_20199927T0903259_C001_DBL CS_OFFL_SIR_FDM_2_20199927T0903259_C001_DBL CS_OFFL_SIR_FDM_2_20199927T0903259_C001_DBL CS_OFFL_SIR_FDM_2_20199927T0903259_C001_DBL CS_OFFL_SIR_FDM_2_20199927T0903250_C001_DBL CS_OFFL_SIR_FDM_2_20199927T093433_20199927T093410_C001_DBL CS_OFFL_SIR_FDM_2_20199927T093433_20199927T093450_C001_DBL CS_OFFL_SIR_FDM_2_20199927T093433_20199927T093450_C001_DBL CS_OFFL_SIR_FDM_2_20199927T093433_20199927T093450_C001_DBL CS_OFFL_SIR_FDM_2_20199927T1093433_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109343_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109343_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109345_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109345_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109345_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109345_2010D21T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109323_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109325_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109325_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109325_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109325_20199927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109327_109927T109345_C001_DBL CS_OFFL_SIR_FDM_2_20199927T109325_20199927T109	CS_OFFL_SIR_FDM_220190927T001757_20190927T001818_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20190927T033952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T053952_20190927T070152_20190927T070152_20190927T070152_20190927T070152_20190927T070152_20190927T07052_20190927T070552_20190927T095300_20190927T055300_20190927T055300_20190927T055300_20190927T055300_20190927T055300_20190927T0553	CS_OFFL_SIR_FDM_220190927T013947_20190927T014130_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
Telename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20199927T05126_20199927T055108_0001.DBL CS_OFFL_SIR_FDM_2_20199927T05209_20199927T055108_0001.DBL CS_OFFL_SIR_FDM_2_20199927T063292_20199927T063252_001.DBL CS_OFFL_SIR_FDM_2_20199927T07529_20199927T0763252_001.DBL CS_OFFL_SIR_FDM_2_20199927T07529_20199927T0763252_001.DBL CS_OFFL_SIR_FDM_2_20199927T09259_20199927T0763252_001.DBL CS_OFFL_SIR_FDM_2_20199927T09259_20199927T0763252_001.DBL CS_OFFL_SIR_FDM_2_20199927T09259_20199927T092592_001.DBL CS_OFFL_SIR_FDM_2_20199927T090258_20199927T092592_001.DBL CS_OFFL_SIR_FDM_2_20199927T09259_20199927T092590_001.DBL CS_OFFL_SIR_FDM_2_20199927T093419_20199927T092590_001.DBL CS_OFFL_SIR_FDM_2_20199927T09339_20199927T093410_001.DBL CS_OFFL_SIR_FDM_2_20199927T093418_20199927T093410_001.DBL CS_OFFL_SIR_FDM_2_20199927T093418_20199927T093410_001.DBL CS_OFFL_SIR_FDM_2_20199927T093418_20199927T093410_001.DBL CS_OFFL_SIR_FDM_2_20199927T09440_207199427T109992_001.DBL CS_OFFL_SIR_FDM_2_20199927T09440_207199427T109992_001.DBL CS_OFFL_SIR_FDM_2_20199927T09474_001.DBL CS_OFFL_SIR_FDM_2_20199927T09474_001.DBL CS_OFFL_SIR_FDM_2_20199927T09474_001.DBL CS_OFFL_SIR_FDM_2_20199927T100941_20199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T100941_20199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T100941_20199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T100941_20199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T109412_0199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T109330_20199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T109330_20199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T109330_20199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T109330_20199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T143931_20199927T109340_001.DBL CS_OFFL_SIR_FDM_2_20199927T143931_20199927T139360_001.DBL CS_OFFL_SIR_FDM_2_20199927T134391_20199927T1363615_001.DBL CS_OFFL_SIR_FDM_2_20199927T134391_20199927T136360_001.DBL CS_OFFL_SIR_FDM_2_20199927T134351_20199927T136360_001.DBL CS_OFFL_SIR_FD	CS_OFFL_SIR_FDM_220190927T033836_20190927T033859_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20190927T053928_20190927T053928_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T075519_20190927T075528_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T075519_20190927T075528_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T090258_20190927T092528_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T090258_20190927T092528_C001.DBL CS_OFFL_SIR_FDM_2_20190927T092440_20190927T092528_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093039_20190927T093401_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093039_20190927T093401_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093418_20190927T093401_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093418_20190927T093800_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T094136_20190927T093800_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100747_20190927T100745_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100911_20190927T100934_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T1100912_20190927T100940_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T1100912_20190927T1100940_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T1142743_20190927T11456_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T1124743_20190927T114566_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DO	CS_OFFL_SIR_FDM_220190927T033859_20190927T033953_C001.DBL		
CS_OFFL_SIR_FDM_2_20190927T070052_20190927T070135_C001.DBL Product flename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T070052_20190927T070135_C001.DBL Product flename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T09258_20190927T092332_C001.DBL Product flename start/stop differs slightly from start/stop validity due to rounding. ES_OFFL_SIR_FDM_2_20190927T092440_20190927T092352_C001.DBL PS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T0930318_20190927T093410_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T093418_20190927T093400_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T093418_20190927T093400_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T1094136_20190927T100745_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100747_20190927T100902_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100947_20190927T100920_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100932_20190927T1009304_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100932_20190927T100934_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T1100932_20190927T1100934_C001.DBL FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T112121_20190927T1100934_C001.DBL Product fliename start/stop differs slightly from start/stop validity due to rounding	CS_OFFL_SIR_FDM_220190927T051926_20190927T052101_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T070552_20190927T09352_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T075519_20190927T092352_C001.DBL CS_OFFL_SIR_FDM_2_20190927T092582_0190927T092352_C001.DBL CS_OFFL_SIR_FDM_2_20190927T092440_20190927T093508_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093039_20190927T093040_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093039_20190927T093410_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093418_20190927T0934027_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093433_20190927T0934027_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093433_20190927T0934027_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093433_20190927T0934027_C001.DBL CS_OFFL_SIR_FDM_2_20190927T093433_20190927T0001052_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100747_20190927T100745_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100747_20190927T100902_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100747_20190927T100902_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100911_20190927T100934_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100911_20190927T100934_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100911_20190927T100940_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100931_20190927T100940_C001.DBL CS_OFFL_SIR_FDM_2_20190927T1100931_20190927T1100940_C001.DBL CS_OFFL_SIR_FDM_2_20190927T1134913_20190927T1100940_C001.DBL CS_OFFL_SIR_FDM_2_20190927T1134917_C001.DBL CS_OFFL_SIR_FDM_2_20190927T1134917_C001.DBL CS_OFFL_SIR_FDM_2_20190927T1134917_C001.DBL CS_OFFL_SIR_FDM_2_20190927T1134917_C001.DBL CS_OFFL_SIR_FDM_2_20190927T1134917_C001.DBL CS_OFFL_SIR_FDM_2_20190927T1134915_20190927T1151519_C001.DBL CS_OFFL_SIR_FDM_2_20190927T1134915_20190927T1153506_C001.DBL CS_OFFL_SIR_FDM_2_20190927T113256_201.DBL CS_OFFL_SIR_FDM_2_20190927T113256_C001.DBL CS_OFFL_SIR_FDM_2_20190927T113256_C001.DBL CS_OFFL_SIR_FDM_2_20190927T113256_C001.DBL CS_OFFL_SIR_FDM_2_20190927T113256_C001.DBL CS_OFFL_SIR_FDM_2_20190927T113256_C001.DBL CS_OFFL_SIR_FDM_2_20190927T113256_C001.DBL CS_OFFL_SIR_FDM_2_20190927T132550_20190927T13538_C001.DBL CS_OFFL_SIR_FDM_2_20190927T132550_20190927T13550_C001.DBL CS_OFFL_SIR_F	CS_OFFL_SIR_FDM_220190927T053928_20190927T055108_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T09258_20190927T09258_2001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS_Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbi	CS_OFFL_SIR_FDM_220190927T062509_20190927T063252_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T09258_C010_DBL CS_OFFL_SIR_FDM_2_20190927T092440_20190927T09258_C010_DBL CS_OFFL_SIR_FDM_2_20190927T093410_C010_DBL CS_OFFL_SIR_FDM_2_20190927T093418_20190927T093410_C010_DBL CS_OFFL_SIR_FDM_2_20190927T093418_20190927T093410_C010_DBL CS_OFFL_SIR_FDM_2_20190927T093418_20190927T093427_C010_DBL CS_OFFL_SIR_FDM_2_20190927T093418_20190927T093427_C010_DBL CS_OFFL_SIR_FDM_2_20190927T093433_20190927T093427_C010_DBL CS_OFFL_SIR_FDM_2_20190927T093433_20190927T093427_C010_DBL CS_OFFL_SIR_FDM_2_20190927T093433_20190927T109340_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1094136_20190927T109340_C010_DBL CS_OFFL_SIR_FDM_2_20190927T100747_20190927T100920_C010_DBL CS_OFFL_SIR_FDM_2_20190927T100911_20190927T100934_C010_DBL CS_OFFL_SIR_FDM_2_20190927T100930_20190927T100934_C010_DBL CS_OFFL_SIR_FDM_2_20190927T100936_20190927T100934_C010_DBL CS_OFFL_SIR_FDM_2_20190927T100936_20190927T100934_C010_DBL CS_OFFL_SIR_FDM_2_20190927T100936_20190927T100940_C010_DBL CS_OFFL_SIR_FDM_2_20190927T10936_20190927T10940_C010_DBL CS_OFFL_SIR_FDM_2_20190927T112121_20190927T113456_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134931_20190927T113456_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134931_20190927T113456_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134931_20190927T113456_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134951_20190927T113456_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134951_20190927T113456_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134551_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134551_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134551_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134551_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134550_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134550_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134550_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134550_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134550_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134550_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134550_C010_DBL CS_OFFL_SIR_FDM_2_20190927T1134550_C010_DBL CS_OFFL_SIR_FDM_2_20190927T125450_C010_DBL CS_OFFL_SIR_FDM_2_20190927T125450_C010_DBL CS_OFFL_SIR_FDM_2_20190927T125450_C010_DBL CS_	CS_OFFL_SIR_FDM_220190927T070052_20190927T070135_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV) and product filename start/stop differs slightly from start/stop validity due to rounding. FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). FOS Predicted Orbit (MPL_ORBPRE) used inst	CS_OFFL_SIR_FDM_220190927T075519_20190927T075528_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
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CS_OFFL_SIR_FDM_2_20190927T093418_20190927T093427_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T093433_20190927T100745_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100747_20190927T100902_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T1009412_0190927T100920_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100920_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100934_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T112121_20190927T110940_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T112121_20190927T115456_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T143931_20190927T151519_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T182721_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T15207_20190927T215402_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FD	CS_OFFL_SIR_FDM_220190927T092440_20190927T092508_C001.DBL		
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CS_OFFL_SIR_FDM_2_20190927T100747_20190927T100745_CO01.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100911_20190927T100920_CO01.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100931_20190927T100934_CO01.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100932_20190927T100934_CO01.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100936_20190927T100934_CO01.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T112121_20190927T115456_CO01.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T134931_20190927T134947_CO01.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_CO01.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_CO01.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_CO01.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T20544_20190927T215432_CO01.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T215432_CO01.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T224505_20190927T215432_CO01.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity	CS_OFFL_SIR_FDM_220190927T093418_20190927T093427_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20190927T100747_20190927T100902_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100932_20190927T100934_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100934_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100936_20190927T100940_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T112121_20190927T115456_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T134931_20190927T143251_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T143951_20190927T151519_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T182721_20190927T183806_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T210544_20190927T21050_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T224505_20190927T224607_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T224505_20190927T224607_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T093433_20190927T093800_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20190927T100931_20190927T100934_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100932_20190927T100934_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100936_20190927T100940_C001.DBL CS_OFFL_SIR_FDM_2_20190927T100936_20190927T100940_C001.DBL CS_OFFL_SIR_FDM_2_20190927T11212_120190927T115456_C001.DBL CS_OFFL_SIR_FDM_2_20190927T134931_20190927T134947_C001.DBL CS_OFFL_SIR_FDM_2_20190927T134931_20190927T134947_C001.DBL CS_OFFL_SIR_FDM_2_20190927T142743_20190927T134951_C001.DBL CS_OFFL_SIR_FDM_2_20190927T143951_20190927T151519_C001.DBL CS_OFFL_SIR_FDM_2_20190927T163615_C001.DBL CS_OFFL_SIR_FDM_2_20190927T163615_C001.DBL CS_OFFL_SIR_FDM_2_20190927T193826_20190927T183506_C001.DBL CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL CS_OFFL_SIR_FDM_2_20190927T210544_20190927T210550_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215507_20190927T215432_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215505_20190927T25430_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215505_20190927T224607_C001.DBL CS_OFFL_SIR_FDM_2_20190927T224505_20190927T224607_C001.DBL CS_OFFL_SIR_FDM_2_20190927T224505_20190	CS_OFFL_SIR_FDM_220190927T094136_20190927T100745_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20190927T10093_20190927T100934_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T100936_20190927T100940_C001.DBL FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). CS_OFFL_SIR_FDM_2_20190927T112121_20190927T115456_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T142743_20190927T143251_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T143951_20190927T151519_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T143951_20190927T151519_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T210544_20190927T210750_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T2125407_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T100747_20190927T100902_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20190927T100936_20190927T100940_C001.DBL CS_OFFL_SIR_FDM_2_20190927T112121_20190927T115456_C001.DBL CS_OFFL_SIR_FDM_2_20190927T134931_20190927T134947_C001.DBL CS_OFFL_SIR_FDM_2_20190927T142743_20190927T143251_C001.DBL CS_OFFL_SIR_FDM_2_20190927T142743_20190927T151519_C001.DBL CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_C001.DBL CS_OFFL_SIR_FDM_2_20190927T163415_20190927T183506_C001.DBL CS_OFFL_SIR_FDM_2_20190927T182721_20190927T183506_C001.DBL CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL CS_OFFL_SIR_FDM_2_20190927T103442_20190927T1050_C001.DBL CS_OFFL_SIR_FDM_2_20190927T103442_20190927T1050_C001.DBL CS_OFFL_SIR_FDM_2_20190927T210544_20190927T210550_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215205_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T100911_20190927T100920_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20190927T112121_20190927T115456_C001.DBL CS_OFFL_SIR_FDM_2_20190927T134931_20190927T134947_C001.DBL CS_OFFL_SIR_FDM_2_20190927T142743_20190927T143251_C001.DBL CS_OFFL_SIR_FDM_2_20190927T149743_20190927T151519_C001.DBL CS_OFFL_SIR_FDM_2_20190927T163415_20190927T151519_C001.DBL CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_C001.DBL CS_OFFL_SIR_FDM_2_20190927T182721_20190927T183506_C001.DBL CS_OFFL_SIR_FDM_2_20190927T182721_20190927T194538_C001.DBL CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL CS_OFFL_SIR_FDM_2_20190927T210544_20190927T210750_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T100923_20190927T100934_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20190927T134931_20190927T134947_C001.DBL CS_OFFL_SIR_FDM_2_20190927T142743_20190927T143251_C001.DBL CS_OFFL_SIR_FDM_2_20190927T143951_20190927T151519_C001.DBL CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_C001.DBL CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_C001.DBL CS_OFFL_SIR_FDM_2_20190927T182721_20190927T183506_C001.DBL CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL CS_OFFL_SIR_FDM_2_20190927T210544_20190927T210750_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T100936_20190927T100940_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).	
CS_OFFL_SIR_FDM_2_20190927T142743_20190927T143251_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T182721_20190927T183506_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T210544_20190927T210750_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T112121_20190927T115456_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T143951_20190927T151519_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T183415_20190927T183506_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T210544_20190927T210750_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T134931_20190927T134947_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T163415_20190927T163615_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T142743_20190927T143251_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T182721_20190927T183506_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T143951_20190927T151519_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T193826_20190927T194538_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T163415_20190927T163615_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T210544_20190927T210750_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. CS_OFFL_SIR_FDM_2_20190927T224505_20190927T224607_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T182721_20190927T183506_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T215207_20190927T215432_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding. Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T193826_20190927T194538_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T224505_20190927T224607_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T210544_20190927T210750_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
	CS_OFFL_SIR_FDM_220190927T215207_20190927T215432_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
CS_OFFL_SIR_FDM_2_20190927T225721_20190927T232732_C001.DBL Product filename start/stop differs slightly from start/stop validity due to rounding.	CS_OFFL_SIR_FDM_220190927T224505_20190927T224607_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	
	CS_OFFL_SIR_FDM_220190927T225721_20190927T232732_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.	

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.

0

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190927T000555_20190927T001140_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_220190927T003704_20190927T011021_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190927T013947_20190927T014130_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_220190927T021424_20190927T022549_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_220190927T022835_20190927T024942_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190927T031858_20190927T032615_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_220190927T032711_20190927T033116_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_220190927T035339_20190927T040152_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_220190927T040257_20190927T042828_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_220190927T050042_20190927T051803_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_220190927T053928_20190927T055108_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190927T055312_20190927T060748_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_220190927T064144_20190927T065759_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_2_20190927T073236_20190927T074625_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_220190927T080251_20190927T083650_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_220190927T090258_20190927T092352_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_220190927T094136_20190927T100745_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_220190927T102729_20190927T102743_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_220190927T102750_20190927T103041_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_220190927T103846_20190927T110450_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_220190927T112121_20190927T115456_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_220190927T120621_20190927T121342_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_2_20190927T121936_20190927T122113_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_220190927T130127_20190927T133606_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_220190927T152539_20190927T152711_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_220190927T153728_20190927T154203_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_220190927T161931_20190927T163254_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_220190927T163415_20190927T163615_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_2_20190927T164056_20190927T165417_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_220190927T170743_20190927T172531_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_220190927T172710_20190927T174119_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190927T175844_20190927T181254_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_220190927T181524_20190927T182446_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_220190927T184512_20190927T190349_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_220190927T190956_20190927T191649_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_220190927T202658_20190927T210159_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_220190927T211841_20190927T214138_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_220190927T215207_20190927T215432_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_220190927T215457_20190927T215514_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_220190927T221506_20190927T224051_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_220190927T225721_20190927T232732_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_220190927T232806_20190927T233459_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
0.510.5DWW		·

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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190927T001655_20190927T001757_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220190927T033836_20190927T033859_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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190927T000555_20190927T001140_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_220190927T013947_20190927T014130_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_220190927T021424_20190927T022549_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_220190927T031858_20190927T032615_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_220190927T032711_20190927T033116_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_220190927T035339_20190927T040152_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_220190927T040257_20190927T042828_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_220190927T050042_20190927T051803_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_220190927T055312_20190927T060748_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_220190927T064144_20190927T065759_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_220190927T080251_20190927T083650_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_220190927T090258_20190927T092352_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_220190927T094136_20190927T100745_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_220190927T102750_20190927T103041_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_220190927T103846_20190927T110450_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_220190927T120621_20190927T121342_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_220190927T121936_20190927T122113_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_220190927T130127_20190927T133606_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_220190927T153728_20190927T154203_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_220190927T161931_20190927T163254_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_220190927T163415_20190927T163615_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_220190927T164056_20190927T165417_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_220190927T170743_20190927T172531_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_220190927T175844_20190927T181254_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_220190927T181524_20190927T182446_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_220190927T184512_20190927T190349_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_220190927T190956_20190927T191649_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_220190927T202658_20190927T210159_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_220190927T211841_20190927T214138_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_220190927T215207_20190927T215432_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_220190927T215457_20190927T215514_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_220190927T225721_20190927T232732_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_220190927T232806_20190927T233459_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:

33

Product	Test Failed	Description
CS OFFI SIR FDM 2 20190927T000555 20190927T001140 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.
	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.
	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.
	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.
	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 OFFE SIR FDM 2 201909271035339 201909271040152 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.
	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.
	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.
	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_220190927T064144_20190927T065759_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_220190927T080251_20190927T083650_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_220190927T090258_20190927T092352_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_220190927T094136_20190927T100745_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_220190927T102750_20190927T103041_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_220190927T103846_20190927T110450_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_220190927T120621_20190927T121342_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_220190927T121936_20190927T122113_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_220190927T130127_20190927T133606_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_220190927T153728_20190927T154203_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_220190927T161931_20190927T163254_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_220190927T163415_20190927T163615_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_220190927T164056_20190927T165417_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_220190927T170743_20190927T172531_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_220190927T175844_20190927T181254_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_220190927T181524_20190927T182446_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_220190927T184512_20190927T190349_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_220190927T190956_20190927T191649_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_220190927T202658_20190927T210159_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_220190927T211841_20190927T214138_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_220190927T215207_20190927T215432_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_2_20190927T215457_20190927T215514_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_220190927T225721_20190927T232732_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_220190927T232806_20190927T233459_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_220190927T000555_20190927T001140_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_220190927T003704_20190927T011021_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_220190927T012946_20190927T013312_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_220190927T013947_20190927T014130_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_220190927T021424_20190927T022549_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_220190927T022835_20190927T024942_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_220190927T031858_20190927T032615_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_220190927T032711_20190927T033116_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_220190927T035339_20190927T040152_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_220190927T040257_20190927T042828_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_220190927T044749_20190927T050018_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20190927T050042_20190927T051803_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_220190927T053210_20190927T053812_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

CS_OFFL_SIR_FDM_2__20190927T053928_20190927T055108_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T055312 20190927T060748 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T062509_20190927T063252_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T064144_20190927T065759_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T080251 20190927T083650 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T090258_20190927T092352_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T094136_20190927T100745_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T102729 20190927T102743 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T102750_20190927T103041_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T103846_20190927T110450_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T112121 20190927T115456 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T120621_20190927T121342_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T121936 20190927T122113 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T130127_20190927T133606_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T140618_20190927T142212_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T143951 20190927T151519 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T153728 20190927T154203 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T161931_20190927T163254_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T163415 20190927T163615 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T164056_20190927T165417_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T170743_20190927T172531_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T172710 20190927T174119 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T175844 20190927T181254 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T181524 20190927T182446 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T184512 20190927T190349 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T190956 20190927T191649 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T191927_20190927T192213_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T202658 20190927T210159 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T211841 20190927T214138 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190927T215207 20190927T215432 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T215457_20190927T215514_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T221506_20190927T224051_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T225721_20190927T232732_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20190927T232806_20190927T233459_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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

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_	149	93	93	0	0
SIR1SIN_0_	112	112	110	2	0
SIR_FDM_1B	150	149	150	0	0
SIR_FDM_2	149	149	149	0	0

7.1 QCC Errors

Number of QCC reports with errors:

(

7.2 QCC Warnings

Product Type

Number of QCC reports with warnings

SIR1SIN 0 20190927T034129

	lotal number of occurrences of each warning					
0	0	0	0	0	0	0
-	-	-	-	-	-	-

Test Description Key:		
Abbreviation	Test name	Details
QF	QualityFlag	The quality flag should be set to zero.

7.3 Missing QCC Reports

Product Start Time

