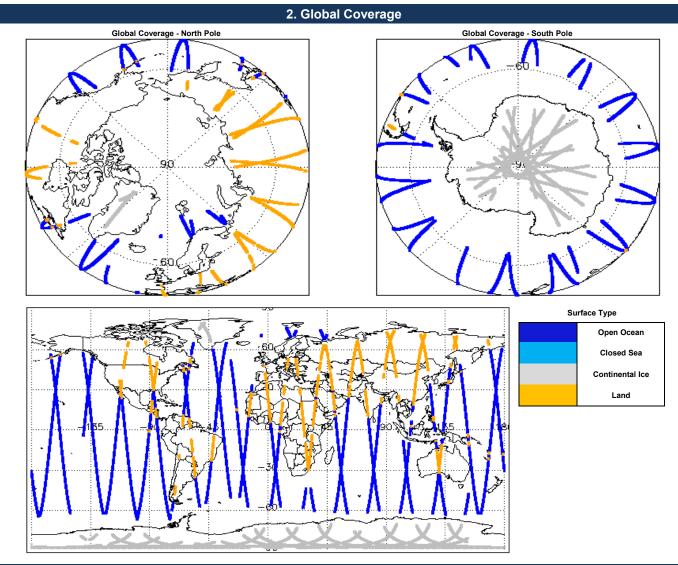


# IDEAS+ Daily Report for FDM data:

# <u>30/12/2015</u>

port Production Date:	04-Jan-2016	Check	Status
eport Froduction Date.		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Used:		Product Software Check	Nominal
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	Product Format Check	Nominal
		Product Header Analysis	See Section 4.2
		Star Tracker Usage Check	See Section 5.3
		Calibration Usage Check	Nominal
		Auxiliary Data File Usage Check	Nominal
		Auxiliary Correction Error Check	See Section 6.4
		Measurement Confidence Data Check	See Section 5.7, 6.6, 6.7 and 6.8

Mission / Instru	iment News
29-Dec-2015	None
30-Dec-2015	None
31-Dec-2015	Nothing planned



# 3. Instrument Configuration

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

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

0

Number of products with errors:

4.2 L0 Product Header Analysis		
For all products, a series of pre-defined checks are carried out on the MPH and	d SPH in order to identify any inconsister	ncies and/or errors raised by the processing chain.
Number of products with errors: 2		
Product	Test Failed	
CS_OPER_SIR1SAR_0_20151230T110125_20151230T111140_0001.HDR		errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020151230T054343_20151230T055443_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.
5. Le <sup>,</sup>	vel 1B FDM Data Qualit	y Check
5.1 L1B FDM Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to e	ensure it consists of both an XML header	r 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 Number of products with errors: 0	d SPH in order to identify any inconsister	ncies and/or errors raised by the ground-segment processing chain.
5.3 L1B FDM Star Tracker Usage Check		
Each product is checked in order to ensure a valid star tracker file has been us	ed in processing.	
Number of products with errors: 3		
Product	Test Failed	
CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001		in the processing of this product
CS_OFFL_SIR_FDM_1B_20151230T172502_20151230T172551_C001		in the processing of this product
CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_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: 0		
5.5 L1B FDM Auxilary Data File Usage Check		
5.5 L1B FDM Auxilary Data File Usage Check Each product is checked for missing Data Set Descriptors with respect to a pre-	e-determined baseline and also to check	the validity of Auxiliary Data Files is correct.
	-determined baseline and also to check	the validity of Auxiliary Data Files is correct.
Each product is checked for missing Data Set Descriptors with respect to a pre-	e-determined baseline and also to check	the validity of Auxiliary Data Files is correct.
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0		
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check		
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem		
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0	ent record. The bit value of this flag indic	cates any problems when set.
Each product is checked for missing Data Set Descriptors with respect to a pre         Number of products with errors:       0         5.6 L1B FDM Auxiliary Correction Error Check         CryoSat L1B data includes a correction error flag (field 54) for each measurem         Number of products with errors:       0         5.7 L1B FDM Measurement Confidence Data Check	ent record. The bit value of this flag indic	cates any problems when set.
Each product is checked for missing Data Set Descriptors with respect to a pre         Number of products with errors:       0         5.6 L1B FDM Auxiliary Correction Error Check         CryoSat L1B data includes a correction error flag (field 54) for each measurem         Number of products with errors:       0         5.7 L1B FDM Measurement Confidence Data Check         CryoSat L1B data includes a measurement confidence flag (field 18) for each r         Number of products with errors:       5	ent record. The bit value of this flag indic	cates any problems when set.
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each r Number of products with errors: 5 Product	ent record. The bit value of this flag indic neasurement record. The bit value of this	cates any problems when set. s flag indicates any problems when set.
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each r	ent record. The bit value of this flag indic neasurement record. The bit value of this	s flag indicates any problems when set.  s flag indicates any problems when set.  Description The attitude has not been corrected
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each r Number of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing	s flag indicates any problems when set.  s flag indicates any problems when set.  Description The attitude has not been corrected The tracking echo has returned an error and the Rx1 Echo Error flag is s
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each r Number of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T172502_20151230T172551_C001	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error	cates any problems when set.         s flag indicates any problems when set.         Description         The attitude has not been corrected         The tracking echo has returned an error and the Rx1 Echo Error flag is sindicating a degraded echo         The attitude has not been corrected         The tracking echo has returned an error and the Rx1 Echo Error flag is sindicating a degraded echo
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measureme Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each r Number of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T105407_20151230T103651_C001 CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing	sates any problems when set.  s flag indicates any problems when set.  Description The attitude has not been corrected The tracking echo has returned an error and the Rx1 Echo Error flag is s indicating a degraded echo The attitude has not been corrected
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each reasurement Number of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001 CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T202351_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing Echo error, TRK echo error Attitude correction missing	bases any problems when set.         s flag indicates any problems when set.         Description         The attitude has not been corrected         The tracking echo has returned an error and the Rx1 Echo Error flag is sindicating a degraded echo         The attitude has not been corrected         The attitude has not been corrected         The attitude has not been corrected         The tracking echo has returned an error and the Rx1 Echo Error flag is sindicating a degraded echo         The tracking echo has neturned an error and the Rx1 Echo Error flag is sindicating a degraded echo         The attitude has not been corrected         The attitude has not been corrected
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measureme Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each resurement of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001 CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T202351_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing Echo error, TRK echo error	bases any problems when set.         s flag indicates any problems when set.         Description         The attitude has not been corrected         The tracking echo has returned an error and the Rx1 Echo Error flag is sindicating a degraded echo         The attitude has not been corrected         The attitude has not been corrected         The attitude has not been corrected         The tracking echo has returned an error and the Rx1 Echo Error flag is sindicating a degraded echo         The tracking echo has not been corrected         The tracking echo has not been corrected         The tracking echo has not been corrected         The attitude has not been corrected         The attitude has not been corrected         The attitude has not been corrected
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each r Number of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001 CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T172502_20151230T172551_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_1D_1D_1D_1D_1D_1D_1D_1D_1D_1D_1D_1D_1D_	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing Echo error, TRK echo error Attitude correction missing evel 2 FDM Data Quality	sates any problems when set. s flag indicates any problems when set.           Description           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is s indicating a degraded echo           The attitude has not been corrected           Check
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measureme Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each resurement of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001 CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T202351_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing Echo error, TRK echo error Attitude correction missing evel 2 FDM Data Quality	sates any problems when set. s flag indicates any problems when set.           Description           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The attitude has not been corrected           Check
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measureme Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each resuremen Number of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001 CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T172502_20151230T172551_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1A000000000000000000000	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing Echo error, TRK echo error Attitude correction missing evel 2 FDM Data Quality	sates any problems when set. s flag indicates any problems when set.           Description           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The attitude has not been corrected           The attitude has not been corrected           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The attitude has not been corrected           Check
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each r Number of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001 CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T172502_20151230T172551_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151201 CS_OFFL_SIR_FDM_1B_20151201 CS_OFFL_SIR_FDM_1B_20151201 CS_OFFL_SIR_FDM_1B_20151200 CS_OFFL_SIR_FDM_1B_20151200 CS_OFFL_SIR_FDM_1B_2015120 CS_OFFL_SIR_FDM_1B_2015120 CS_OFFL_SIR_FDM_1B_2015120 CS_OFFL_SIR_FDM_1B_2015120 CS_OFFL_SIR_FDM_1B_2015 CS_OFFL_SIR_FDM_1B_2015 CS_OFFL_SIR_FDM_1B_20 CS	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing Echo error, TRK echo error Attitude correction missing Evel 2 FDM Data Quality	s flag indicates any problems when set.  s flag indicates any problems when set.            Description           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The tracking echo has not been corrected           The attitude has not been corrected           V Check
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each r Number of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001 CS_OFFL_SIR_FDM_1B_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T172502_20151230T172551_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T202351_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_S	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing Echo error, TRK echo error Attitude correction missing Evel 2 FDM Data Quality	s flag indicates any problems when set.  s flag indicates any problems when set.            Description           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The tracking echo has neturned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The attitude has not been corrected           The attitude has not been corrected           The attitude has not been corrected           r flie (.HDR) and a binary product file (.DBL).
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each re Number of products with errors: 5 Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001 CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T172502_20151230T172551_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T202351_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T1050 CS_OFFL_SIR_FDM_1A_20050 CS_OFFL_SIR_FDM_1A_20050 CS_OFFL_SIR_F	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing Echo error, TRK echo error Attitude correction missing Evel 2 FDM Data Quality	s flag indicates any problems when set.  s flag indicates any problems when set.  Description The attitude has not been corrected The tracking echo has returned an error and the Rx1 Echo Error flag is s indicating a degraded echo The attitude has not been corrected The tracking echo has returned an error and the Rx1 Echo Error flag is s indicating a degraded echo The attitude has not been corrected The tracking echo has not been corrected The attitude has not been corrected
Each product is checked for missing Data Set Descriptors with respect to a pre Number of products with errors: 0  5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurem Number of products with errors: 0  5.7 L1B FDM Measurement Confidence Data Check CryoSat L1B data includes a measurement confidence flag (field 18) for each reasurement Number of products with errors: 5  Product CS_OFFL_SIR_FDM_1B_20151230T005407_20151230T005709_C001 CS_OFFL_SIR_FDM_1B_20151230T160441_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T172502_20151230T163651_C001 CS_OFFL_SIR_FDM_1B_20151230T201827_20151230T202351_C001 CS_OFFL_SIR_FDM_1B_20151230T203854_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1B_20151230T204021_C001 CS_OFFL_SIR_FDM_1A00 CD_0000000000000000000000000000000000	ent record. The bit value of this flag indic neasurement record. The bit value of this Test Failed Attitude correction missing Echo error, TRK echo error Attitude correction missing Echo error, TRK echo error Attitude correction missing evel 2 FDM Data Quality	sates any problems when set.  s flag indicates any problems when set.            Description           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The attitude has not been corrected           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The tracking echo has returned an error and the Rx1 Echo Error flag is a indicating a degraded echo           The attitude has not been corrected           VCheck

# 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.

32

Number of products with errors:

Product	Test Failed	Description
CS OFFL SIR FDM 2 20151229T233018 20151230T000334 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220151230T002201_20151230T005223_C001	Wind Speed Sea State Bias Correction	Correction for one or more records There is an error with the Sea State Bias Correction for one or more
CS OFFL SIR FDM 2 20151230T012723 20151230T014242 C001	Sea State Bias Correction	records There is an error with the Sea State Bias Correction for one or more
CS OFFL SIR FDM 2 20151230T021556 20151230T022811 C001	Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220151230T025025_20151230T030047_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220151230T030301_20151230T030543_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220151230T033601_20151230T035931_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_220151230T035950_20151230T040918_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_220151230T043840_20151230T050053_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220151230T051511_20151230T054301_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_220151230T061527_20151230T064003_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220151230T065538_20151230T072843_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220151230T083453_20151230T090740_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_220151230T093554_20151230T095708_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_220151230T101328_20151230T104725_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_220151230T111140_20151230T113434_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_220151230T115321_20151230T122355_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_220151230T124205_20151230T130019_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220151230T133219_20151230T134738_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_220151230T134940_20151230T135902_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_220151230T142117_20151230T142337_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_220151230T142450_20151230T143823_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_220151230T151203_20151230T152643_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_220151230T160441_20151230T163651_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_220151230T174741_20151230T181459_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220151230T183021_20151230T185803_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_220151230T200958_20151230T201436_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_220151230T204548_20151230T204745_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_220151230T210036_20151230T213354_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_220151230T215009_20151230T221530_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_220151230T223845_20151230T231235_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 20151230T232919 20151230T235523 C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records

### 6.5 L2 FDM Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag (field 8) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.
Number of products with errors:
0

#### 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: 20

Product	Test Failed	Description
	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_220151230T025025_20151230T030047_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_220151230T030301_20151230T030543_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_220151230T033601_20151230T035931_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_220151230T035950_20151230T040918_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_220151230T051511_20151230T054301_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_220151230T083453_20151230T090740_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_220151230T093554_20151230T095708_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_220151230T101328_20151230T104725_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_220151230T111140_20151230T113434_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_220151230T115321_20151230T122355_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_220151230T133219_20151230T134738_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_220151230T134940_20151230T135902_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_220151230T142117_20151230T142337_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_220151230T142450_20151230T143823_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_220151230T160441_20151230T163651_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_220151230T183021_20151230T185803_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_220151230T210036_20151230T213354_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_220151230T215009_20151230T221530_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_220151230T223845_20151230T231235_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

20

Number of products with errors:

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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220151230T021556_20151230T022811_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_220151230T025025_20151230T030047_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_220151230T030301_20151230T030543_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_220151230T033601_20151230T035931_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_220151230T035950_20151230T040918_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_220151230T051511_20151230T054301_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_220151230T083453_20151230T090740_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_220151230T093554_20151230T095708_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_220151230T101328_20151230T104725_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_220151230T111140_20151230T113434_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_220151230T115321_20151230T122355_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_220151230T133219_20151230T134738_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_220151230T134940_20151230T135902_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_220151230T142117_20151230T142337_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_220151230T142450_20151230T143823_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_220151230T160441_20151230T163651_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_220151230T183021_20151230T185803_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_220151230T210036_20151230T213354_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_220151230T215009_20151230T221530_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_220151230T223845_20151230T231235_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.

32

Product CS OFFL SIR FDM 2 20151230T002201 20151230T005223 C001 CS OFFL SIR FDM 2 20151230T011204 20151230T012536 C001 CS OFFL SIR FDM 2 20151230T012723 20151230T014242 C001 CS OFFL SIR FDM 2 20151230T021556 20151230T022811 C001 CS OFFL SIR FDM 2 20151230T025025 20151230T030047 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T030301\_20151230T030543\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T030723\_20151230T032139\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T033601\_20151230T035931\_C001 CS OFFL SIR FDM 2 20151230T035950 20151230T040918 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T043840\_20151230T050053\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T051511\_20151230T054301\_C001 CS OFFL SIR FDM 2 20151230T061527 20151230T064003 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T065538\_20151230T072843\_C001 CS OFFL SIR FDM 2 20151230T075125 20151230T080129 C001 CS OFFL SIR FDM 2 20151230T083453 20151230T090740 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T093554\_20151230T095708\_C001 CS OFFL SIR FDM 2 20151230T101328 20151230T104725 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T111140\_20151230T113434\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T115321\_20151230T122355\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T130123\_20151230T131502\_C001 CS OFFL SIR FDM 2 20151230T133219 20151230T134738 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T134940\_20151230T135902\_C001 CS OFFL SIR FDM 2 20151230T142117 20151230T142337 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T142450\_20151230T143823\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T145423\_20151230T145546\_C001 CS\_OFFL\_SIR\_FDM\_2\_20151230T160441\_20151230T163651\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T174741\_20151230T181459\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T183021\_20151230T185803\_C001 CS OFFL SIR FDM 2 20151230T210036 20151230T213354 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20151230T215009\_20151230T221530\_C001 CS OFFL SIR FDM 2 20151230T223845 20151230T231235 C001 CS OFFL SIR FDM 2 20151230T232919 20151230T235523 C001

Ocean Retracking Quality Flag Ocean Retracking Quality Flag

Test Failed

Description

The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.