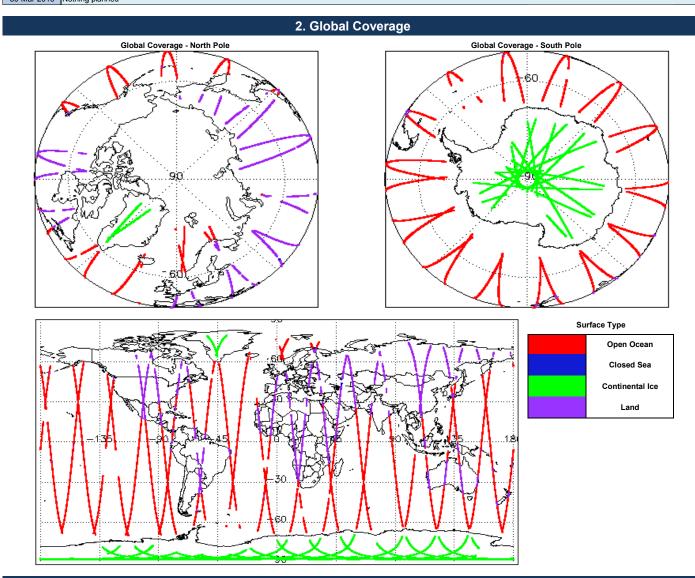


IDEAS+ Daily Report for FDM data:

<u>29/03/2016</u>

Report Production Date:	30-Mar-2016	Check	Status	
		Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
		Product Software Check	Nominal	
Dete Head	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	Product Format Check	Nominal	
Data Used:		Product Header Analysis	See Section 4.2	
	·	Star Tracker Usage Check	See Section 5.3	
		Calibration Usage Check	Nominal	
		Auxiliary Data File Usage Check	Nominal	
		Auxiliary Correction Error Check	See Section 6.4	
		Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8	

29-Mar-2016None30-Mar-2016Nothing 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

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 S	PH in order to identify any inconsisten	cies and/or errors raised by the processing chain.
lumber of products with errors: 6		
Product	Test Failed	
CS_OPER_SIR1SAR_020160329T170739_20160329T170936_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.
S_OPER_SIR1SAR_020160329T015729_20160329T020306_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.
S_OPER_SIR1SAR_020160329T071558_20160329T071858_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.
S_OPER_SIR1SIN_020160329T063154_20160329T063450_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.
S_OPER_SIR1SIN_020160329T005652_20160329T005815_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.
S_OPER_SIR2SIN_020160329T180623_20160329T181042_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.
5. Leve	I 1B FDM Data Quality	/ Check
5.1 L1B FDM Product Format Check		
	ure it consists of both on VML booder	file (LIDD) and a binary product file (DDL)
ach product, retrieved and unpacked from the science server, is checked to ensu lumber of products with errors: 0	ure it consists of both an XML header	
5.2 L1B FDM Product Header Analysis		
or all products, a series of pre-defined checks are carried out on the MPH and Si	PH in order to identify any inconsiston	cies and/or errors raised by the around-segment processing chain
or all products, a series of pre-defined checks are carried out on the MPH and Si Jumber of products with errors: 0	any inconsisten	ores 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 used	in processing.	
Number of products with errors: 3		
Product	Test Failed	
CS_OFFL_SIR_FDM_1B_20160329T132110_20160329T135456_C001		n the processing of this product
CS_OFFL_SIR_FDM_1B_20160329T153117_20160329T153217_C001		n the processing of this product
		n the processing of this product
S_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001	NO Star Hacker hie useu i	
5.4 L1B FDM Calibration Usage Check		
Each product is checked in order to ensure the necessary calibration files have be	en used in processing.	
Number of products with errors: 0		
5.5.1.1B FDM Auxilary Data File Usage Check		
	termined baseline and also to check t	the validity of Auxiliary Data Files is correct.
Each product is checked for missing Data Set Descriptors with respect to a pre-de	etermined baseline and also to check t	the validity of Auxiliary Data Files is correct.
Each product is checked for missing Data Set Descriptors with respect to a pre-de Number of products with errors: 0	etermined baseline and also to check t	the validity of Auxiliary Data Files is correct.
Each product is checked for missing Data Set Descriptors with respect to a pre-de 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-de lumber 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 measurement		
Cach product is checked for missing Data Set Descriptors with respect to a pre-definition of products with errors: 0		
Each product is checked for missing Data Set Descriptors with respect to a pre-de 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 measurement Number of products with errors: 0		
Cach product is checked for missing Data Set Descriptors with respect to a pre-definition 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 measurement Aumber of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check	record. The bit value of this flag indic	ates any problems when set.
Each product is checked for missing Data Set Descriptors with respect to a pre-definition of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check 0 CryoSat L1B data includes a correction error flag (field 54) for each measurement tumber of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check 0 CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement confidence	record. The bit value of this flag indic	ates any problems when set.
iach product is checked for missing Data Set Descriptors with respect to a pre-defined products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check 0 CryoSat L1B data includes a correction error flag (field 54) for each measurement lumber of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check 0 CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement lumber of products with errors: 4	record. The bit value of this flag indic	ates any problems when set.
Cach product is checked for missing Data Set Descriptors with respect to a pre-definition 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 measurement lumber 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 measurement lumber of products with errors: 4 Product	record. The bit value of this flag indicates a seven the bit value of this seven the bit value of this seven the bit value of this Test Failed	ates any problems when set. ates any problems when set. ates any problems when set. Description 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-defendement of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check 0 CryoSat L1B data includes a correction error flag (field 54) for each measurement lumber of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check 0 CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement confidence flag (field 18) for each measurement confidence flag (field 18) for each measurement for products with errors: 4 4 CryoSat L1B L1B L20160329T060044_20160329T060205_C001	record. The bit value of this flag indicates a surement record. The bit value of this trained the second states are supported by the second states are suppo	ates any problems when set. flag indicates any problems when set. Description 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-defendement of products with errors: 0 5.6 L1B FDM Auxiliary Correction Error Check 0 CryoSat L1B data includes a correction error flag (field 54) for each measurement lumber of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check 0 CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement confidence flag (field 18) for each measurement confidence flag (field 18) for each measurement for products with errors: 4 4 CryoSat L1B L1B L20160329T060044_20160329T060205_C001	record. The bit value of this flag indicates a seven the bit value of this seven the bit value of this seven the bit value of this Test Failed	ates any problems when set. ates any problems when set. ates any problems when set. Description 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-de 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 measurement 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 measurement Number of products with errors: 4 Product CS_OFFL_SIR_FDM_1B_20160329T060044_20160329T060205_C001 CS_OFFL_SIR_FDM_1B_20160329T132110_20160329T135456_C001	record. The bit value of this flag indicates a surement record. The bit value of this trained the second states are supported by the second states are suppo	ates any problems when set. flag indicates any problems when set. Description The tracking echo has returned an error and the Rx1 Echo Error flag is sindicating a degraded echo
5.6 L1B FDM Auxiliary Correction Error Check CryoSat L1B data includes a correction error flag (field 54) for each measurement 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 measurement	record. The bit value of this flag indica isurement record. The bit value of this Test Failed Echo error, TRK echo error Attitude correction missing	ates any problems when set. i flag indicates any problems when set. Description The tracking echo has returned an error and the Rx1 Echo Error flag is so indicating a degraded echo The attitude has not been corrected
Each product is checked for missing Data Set Descriptors with respect to a pre-de 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 measurement 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 meas Number of products with errors: 4 Product CS_OFFL_SIR_FDM_1B_20160329T1060044_20160329T1060205_C001 CS_OFFL_SIR_FDM_1B_20160329T153117_20160329T153217_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001	record. The bit value of this flag indications in the second seco	ates any problems when set. flag indicates any problems when set. Description The tracking echo has returned an error and the Rx1 Echo Error flag is so indicating a degraded echo 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-de 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 measurement 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 meas Number of products with errors: 4 Product CS_OFFL_SIR_FDM_1B_20160329T1060044_20160329T1060205_C001 CS_OFFL_SIR_FDM_1B_20160329T153117_20160329T153217_C001 CS_OFFL_SIR_FDM_1B_20160329T1711029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001	record. The bit value of this flag indications asurement record. The bit value of this Test Failed Echo error, TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing	ates any problems when set. flag indicates any problems when set. Description The tracking echo has returned an error and the Rx1 Echo Error flag is so indicating a degraded echo 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-de 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 measurement 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 measurement Number of products with errors: 4 Product CS_OFFL_SIR_FDM_1B_20160329T060044_20160329T060205_C001 CS_OFFL_SIR_FDM_1B_20160329T132110_20160329T153217_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T17029_20160329T171029_20160329T171029_20160329T171029_20160329T171029_20160329T171029_20160329T171029_20160329T171029_20160329T171029_20160329T171029_20160329T17029_20000000000000000000000000000000000	record. The bit value of this flag indications issurement record. The bit value of this Echo error, TRK echo error Attitude correction missing Attitude correction missing el 2 FDM Data Quality	ates any problems when set.
Cach product is checked for missing Data Set Descriptors with respect to a pre-deferment of products with errors: 0 0 0 0 0 0 0 0 0 0 0 0 0	record. The bit value of this flag indications issurement record. The bit value of this Echo error, TRK echo error Attitude correction missing Attitude correction missing el 2 FDM Data Quality	ates any problems when set.
Each product is checked for missing Data Set Descriptors with respect to a pre-deferment 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 measurement dumber 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 measurement dumber of products with errors: 0 5.7 L1B FDM Measurement Confidence Data Check 0 CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement of products with errors: 4 Product 4 CryoSat L1B L20160329T060044_20160329T060205_C001 0 CS_OFFL_SIR_FDM_1B_20160329T132110_20160329T153217_C001 0 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 0 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 0	record. The bit value of this flag indications issurement record. The bit value of this Echo error, TRK echo error Attitude correction missing Attitude correction missing el 2 FDM Data Quality	ates any problems when set.
Each product is checked for missing Data Set Descriptors with respect to a pre-de 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 measurement 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 measurement Number of products with errors: 4 Froduct CS_OFFL_SIR_FDM_1B_20160329T060044_20160329T060205_C001 CS_OFFL_SIR_FDM_1B_20160329T132110_20160329T153217_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T1600 CS_OFFL_SIR_FDM_1B_20160329T160 CS_OFFL_SIR_FDM_1B_200 CS_OFFL_SIR	record. The bit value of this flag indica asurement record. The bit value of this Test Failed Echo error, TRK echo error Attitude correction missing Attitude correction missing el 2 FDM Data Quality ure it consists of both an XML header	ates any problems when set. flag indicates any problems when set. Description The tracking echo has returned an error and the Rx1 Echo Error flag is so indicating a degraded echo The attitude has not been corrected
Each product is checked for missing Data Set Descriptors with respect to a pre-deference 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 measurement Aumber 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 measurement Aumber of products with errors: 4 CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement CryoSat L1B fDM Measurement confidence flag (field 18) for each measurement CryoSat L1B fDM Measurement confidence flag (field 18) for each measurement CryoSat L1B fDM Measurement confidence flag (field 18) for each measurement CryoSat L1B fDM Measurement confidence flag (field 18) for each measurement CryoSat L1B fDM Measurement confidence flag (field 18) for each measurement CryoSat L1B fDM Measurement confidence flag (field 18) for each measurement CryoSat L1B fDM 18_20160329T060044_20160329T060205_C001 CS_OFFL_SIR_FDM_1B_20160329T132110_20160329T153217_C001 CS_OFFL_SIR_FDM_1B_20160329T153117_20160329T153217_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_20160329T171135_C001 CS_OFFL_SIR_FDM_1B_20160329T171029_201603	record. The bit value of this flag indica asurement record. The bit value of this Test Failed Echo error, TRK echo error Attitude correction missing Attitude correction missing el 2 FDM Data Quality ure it consists of both an XML header	ates any problems when set. flag indicates any problems when set. Description 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 fle (.HDR) and a binary product file (.DBL).
A contrast of the series of pre-defined checks are carried out on the MPH and Si	record. The bit value of this flag indica asurement record. The bit value of this Test Failed Echo error, TRK echo error Attitude correction missing Attitude correction missing el 2 FDM Data Quality ure it consists of both an XML header	ates any problems when set. flag indicates any problems when set. Description 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 fle (.HDR) and a binary product file (.DBL).

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
Number of products with errors:
0

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.

36

Number of products with errors:

Draduat
Product CS OFFL SIR FDM 2 20160329T014516 20160329T015729 C001
CS_OFFL_SIR_FDM_220160329T024157_20160329T030438_C001
CS_OFFL_SIR_FDM_220160329T032442_20160329T035931_C001
CS_OFFL_SIR_FDM_220160329T041359_20160329T041441_C001
CS_OFFL_SIR_FDM_220160329T050413_20160329T052706_C001
CS_OFFL_SIR_FDM_220160329T061744_20160329T063059_C001
CS_OFFL_SIR_FDM_220160329T064340_20160329T071558_C001
CS_OFFL_SIR_FDM_220160329T074121_20160329T080531_C001
CS_OFFL_SIR_FDM_220160329T082335_20160329T084017_C001
CS_OFFL_SIR_FDM_220160329T084032_20160329T084124_C001
CS_OFFL_SIR_FDM_220160329T084208_20160329T085249_C001
CS_OFFL_SIR_FDM_220160329T085537_20160329T085647_C001
CS_OFFL_SIR_FDM_220160329T093623_20160329T094807_C001
CS_OFFL_SIR_FDM_220160329T100248_20160329T101752_C001
CS_OFFL_SIR_FDM_220160329T101931_20160329T103446_C001
CS_OFFL_SIR_FDM_220160329T105620_20160329T105925_C001
CS_OFFL_SIR_FDM_220160329T105941_20160329T110330_C001
CS_OFFL_SIR_FDM_220160329T110452_20160329T111024_C001
CS_OFFL_SIR_FDM_220160329T111145_20160329T112915_C001
CS_OFFL_SIR_FDM_220160329T114229_20160329T120621_C001
CS_OFFL_SIR_FDM_220160329T132110_20160329T135456_C001
CS_OFFL_SIR_FDM_220160329T141528_20160329T142959_C001
CS_OFFL_SIR_FDM_220160329T143535_20160329T144735_C001
CS_OFFL_SIR_FDM_220160329T155119_20160329T162632_C001
CS_OFFL_SIR_FDM_220160329T163856_20160329T164204_C001
CS_OFFL_SIR_FDM_220160329T164404_20160329T164709_C001
CS_OFFL_SIR_FDM_220160329T174253_20160329T180533_C001
CS_OFFL_SIR_FDM_220160329T183316_20160329T184549_C001
CS_OFFL_SIR_FDM_220160329T191140_20160329T194404_C001
CS_OFFL_SIR_FDM_220160329T201451_20160329T203211_C001
CS_OFFL_SIR_FDM_220160329T205339_20160329T210525_C001
CS_OFFL_SIR_FDM_220160329T210729_20160329T212319_C001
CS_OFFL_SIR_FDM_220160329T213915_20160329T214734_C001
CS_OFFL_SIR_FDM_220160329T215606_20160329T220712_C001
CS_OFFL_SIR_FDM_220160329T224722_20160329T230211_C001
CS_OFFL_SIR_FDM_220160329T231533_20160329T234937_C001

	Test Failed	Description
001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
01		records There is an error with the Sea State Bias Correction for one or more
001	Sea State Bias Correction	records
001	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
001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
	Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
001	Wind Speed	Correction for one or more records
001	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
001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
001	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
001		records
001	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
001	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
001	Sea State Bias Correction, Altimetric	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
001	Wind Speed	Correction for one or more records
001	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
001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
	Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
001	Wind Speed	Correction for one or more records
001	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
001	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
101	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
001	Wind Speed	Correction for one or more records There is an error with the Sea State Bias Correction for one or more
001	Sea State Bias Correction	records
001	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
001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
	Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
001	Wind Speed	Correction for one or more records
001	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
001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
204	Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
001	Wind Speed	Correction for one or more records
001	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
001	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
001	Sea State Bias Correction, Altimetric	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
001	Wind Speed	Correction for one or more records
001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
204	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
001	Wind Speed	Correction for one or more records
001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
001	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
001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
001	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
001	Wind Speed	Correction for one or more records
eck		

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:
 4

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160329T060044_20160329T060205_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220160329T132110_20160329T135456_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160329T153117_20160329T153217_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160329T171029_20160329T171135_C001	Attitude correction missing	The attitude has not been corrected

6.6 L2 FDM Range Measurement Check

CryoSat L2 data includes a CFI (field 17) and OCOG (field 22) Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set. Number of products with errors: 21

		Description
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160329T032442_20160329T035931_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_220160329T050413_20160329T052706_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_220160329T064340_20160329T071558_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_220160329T082335_20160329T084017_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_220160329T084032_20160329T084124_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_220160329T084208_20160329T085249_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_220160329T093623_20160329T094807_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_220160329T101931_20160329T103446_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_220160329T105620_20160329T105925_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_220160329T105941_20160329T110330_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_220160329T110452_20160329T111024_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_220160329T114229_20160329T120621_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_220160329T141528_20160329T142959_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_220160329T174253_20160329T180533_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_220160329T183316_20160329T184549_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_220160329T191140_20160329T194404_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_220160329T205339_20160329T210525_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_220160329T210729_20160329T212319_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_220160329T215606_20160329T220712_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_220160329T224722_20160329T230211_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_220160329T231533_20160329T234937_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.

6.7 L2 FDM SWH and Backscatter Measurement Check

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CryoSat L2 data includes a SWH-Squared Averaging Status flag (field 39) and an CFI (field 45) and OCOG (field 51) Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160329T032442_20160329T035931_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_220160329T050413_20160329T052706_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_220160329T064340_20160329T071558_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_220160329T082335_20160329T084017_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_220160329T084032_20160329T084124_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_220160329T084208_20160329T085249_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_220160329T093623_20160329T094807_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_220160329T101931_20160329T103446_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_220160329T105620_20160329T105925_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_220160329T105941_20160329T110330_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_220160329T110452_20160329T111024_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_220160329T114229_20160329T120621_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_220160329T141528_20160329T142959_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_220160329T174253_20160329T180533_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_220160329T183316_20160329T184549_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_220160329T191140_20160329T194404_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_220160329T205339_20160329T210525_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_220160329T210729_20160329T212319_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_220160329T215606_20160329T220712_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_220160329T224722_20160329T230211_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_220160329T231533_20160329T234937_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

6.8 L2 FDM Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag (field 66) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_220160329T000610_20160329T004110_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T005615_20160329T005652_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T010702_20160329T013249_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T020306_20160329T021831_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T024157_20160329T030438_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T032442_20160329T035931_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T041359_20160329T041441_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T043254_20160329T044215_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T050413_20160329T052706_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T052951_20160329T053910_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T060249_20160329T061556_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T061744_20160329T063059_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T064340_20160329T071558_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T073411_20160329T074106_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T074121_20160329T080531_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T082335_20160329T084017_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T084032_20160329T084124_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T084208_20160329T085249_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T091757_20160329T093004_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T093623_20160329T094807_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T100248_20160329T101752_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T101931_20160329T103446_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T105620_20160329T105925_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T105941_20160329T110330_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T110452_20160329T111024_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T111145_20160329T112915_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T114229_20160329T120621_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T124155_20160329T130839_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T132110_20160329T135456_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160329T141528_20160329T142959_C001	Ocean Retracking Quality Flag

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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.

Description

CS_OFFL_SIR_FDM_2__20160329T150016_20160329T152123_C001 CS OFFL SIR FDM 2 20160329T152136 20160329T152648 C001 CS_OFFL_SIR_FDM_2__20160329T153754_20160329T153846_C001 CS_OFFL_SIR_FDM_2__20160329T155119_20160329T162632_C001 CS OFFL SIR FDM 2 20160329T171440 20160329T171722 C001 CS_OFFL_SIR_FDM_2__20160329T173128_20160329T174007_C001 CS_OFFL_SIR_FDM_2__20160329T174253_20160329T180533_C001 CS OFFL SIR FDM 2 20160329T183316 20160329T184549 C001 CS_OFFL_SIR_FDM_2__20160329T191140_20160329T194404_C001 CS_OFFL_SIR_FDM_2__20160329T200207_20160329T201437_C001 CS OFFL SIR FDM 2 20160329T205339 20160329T210525 C001 CS_OFFL_SIR_FDM_2__20160329T210729_20160329T212319_C001 CS OFFL SIR FDM 2 20160329T213915 20160329T214734 C001 CS_OFFL_SIR_FDM_2__20160329T215606_20160329T220712_C001 CS_OFFL_SIR_FDM_2__20160329T224722_20160329T230211_C001 CS_OFFL_SIR_FDM_2__20160329T231533_20160329T234937_C001 Ocean Retracking Quality Flag 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.