



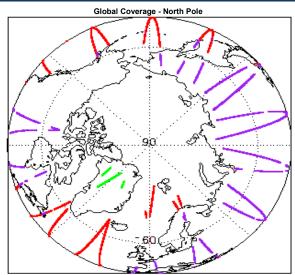
1. Overview

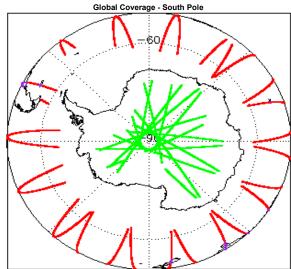
Report Production Date:	07-Jun-2016
Processor Used:	CryoSat Ice Processor
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data

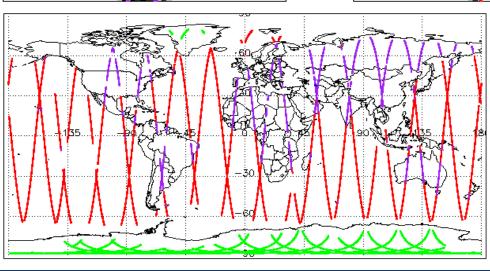
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File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

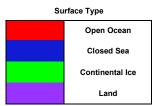
Mission / Instrument News		
04-Jun-2016	None	
05-Jun-2016	None	
06-Jun-2016	Nothing planned	

2. Global Coverage









3. Instrument Configuration

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

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

4. Level 0 Data Quality Check

4.1 L0 Product Format Check

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

4.2 L0 Product Header Analysis

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

Number of products with errors:

Product	Test Failed
CS_OPER_SIR1SAR_020160605T220432_20160605T221003_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160605T114510_20160605T114655_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160605T141808_20160605T142728_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160605T142744_20160605T142900_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160605T114408_20160605T114444_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160605T010733_20160605T011035_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160605T041911_20160605T042036_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160605T173654_20160605T174216_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160605T193710_20160605T194128_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160605T115653_20160605T115749_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160605T033539_20160605T034052_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160605T051950_20160605T052116_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160605T115631_20160605T115650_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

5. Level 1B FDM Data Quality Check

Percentage of processing errors detected greater than minimum acceptable threshold.

5.1 L1B FDM Product Format Check

 ${\tt CS_OPER_SIR2SIN_0_20160605T054927_20160605T055228_0001.HDR}$

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

Number of products with errors: 0

5.2 L1B FDM Product Header Analysis

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

lumber of products with errors:

5.3 L1B FDM Star Tracker Usage Check

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20160605T091533_20160605T091609_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160605T104953_20160605T105211_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160605T122834_20160605T122954_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160605T151743_20160605T155144_C001	No Star Tracker file used in the processing of this product

5.4 L1B FDM Calibration Usage Check

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

Number of products with errors:

5.5 L1B FDM Auxilary Data File Usage Check

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

Number of products with errors:

5.6 L1B FDM Auxiliary Correction Error Check

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

Number of products with errors:

5.7 L1B FDM Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20160605T091533_20160605T091609_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160605T104953_20160605T105211_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160605T122834_20160605T122954_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160605T151743_20160605T155144_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160605T211351_20160605T213835_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

6. Level 2 FDM Data Quality Check

6.1 L2 FDM Product Format Check

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

0

6.2 L2 FDM Product Header Analysis

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

Number of products with errors:

6.3 L2 FDM Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 L2 FDM Auxiliary Correction Error Check

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

Number of products with errors:

43

0

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160604T234019_20160604T235927_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_220160605T002347_20160605T005654_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_220160605T011035_20160605T011126_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_220160605T013237_20160605T014830_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_220160605T020304_20160605T022451_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220160605T030149_20160605T031345_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_220160605T031420_20160605T032636_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_220160605T034243_20160605T041524_C001	Sea State Bias Correction, Mean Sea Surface height, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed, the Sea State Bias Correction and the Mean Sea Surface Height for one or more records
CS_OFFL_SIR_FDM_220160605T043125_20160605T045045_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220160605T052145_20160605T053712_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_220160605T053915_20160605T054927_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_220160605T061403_20160605T062754_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_220160605T064418_20160605T064515_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_220160605T071718_20160605T071943_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_220160605T080244_20160605T082620_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_220160605T084043_20160605T090531_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_220160605T091533_20160605T091609_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_220160605T091609_20160605T091614_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_220160605T093718_20160605T095257_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220160605T101952_20160605T104916_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220160605T111231_20160605T112748_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_220160605T113320_20160605T114408_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_220160605T120855_20160605T121316_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_220160605T123538_20160605T123630_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_220160605T124929_20160605T132310_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_220160605T133800_20160605T133951_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_220160605T142900_20160605T143800_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_220160605T143847_20160605T145640_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_220160605T151743_20160605T155144_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_220160605T160522_20160605T160640_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_220160605T160844_20160605T164127_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_220160605T165955_20160605T171222_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_220160605T175210_20160605T180321_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_220160605T180524_20160605T182018_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_220160605T183632_20160605T184138_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_220160605T184202_20160605T184825_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_220160605T185409_20160605T190541_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_220160605T203206_20160605T204019_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220160605T211351_20160605T213835_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_220160605T215310_20160605T220432_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220160605T221003_20160605T221957_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_220160605T225221_20160605T231850_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_220160605T234750_20160606T000704_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

6.5 L2 FDM Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160605T091533_20160605T091609_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160605T104953_20160605T105211_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160605T122834_20160605T122954_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160605T151743_20160605T155144_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160605T211351_20160605T213835_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo

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.

Ignored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. Indicating the values stored in fie	Number of products with errors: 28		
S. OFFL. SR. FOA. 2_0160005100367_000005104500_C001 CO FIL SR. FOA. 2_016000510420_20100005104500_C001 CO FIL SR. FOA. 2_016000510400_20100005104500_C001 CO FIL SR. FOA. 2_016000510400_20100005104400_C001 CO FIL SR. FOA. 2_016000510400_20100005104000	Product	Test Failed	
CS_GPH_SR_FDM_2_20160000101327_20160000110327_201600000110327_20160000110327_201600000000000000000000000000000000000	CS_OFFL_SIR_FDM_220160605T002347_20160605T005654_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OPPL_SIR_PDM_2_20100000101420_20100000104193_C0100000104193_C0100000104193_C0100000104193_C0100000104193_C0100000104193_C0100000104193_C0100000104193_C0100000104193_C01000001104193_C010000001104193_C0100	CS_OFFL_SIR_FDM_220160605T013237_20160605T014830_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS _GFE_SR_FDM_2_20160005700443_20160005704432_0016005704504_001 CS _GFE_SR_FDM_2_2016000570443_20160005704432_0016005704504_001 CS _GFE_SR_FDM_2_2016000570443_20160005704432_0016005704504_001 CS _GFE_SR_FDM_2_2016000570443_20160005704504_001 CS _GFE_SR_FDM_2_2016000570443_20160005704504_001 CS _GFE_SR_FDM_2_2016000570443_20160005704504_001 CS _GFE_SR_FDM_2_20160005704443_2016000570464001 CS _GFE_SR_FDM_2_20160005704443_201600057046001 CS _GFE_SR_FDM_2_20160005704443_201600057046001 CS _GFE_SR_FDM_2_20160005704443_201600057046001 CS _GFE_SR_FDM_2_20160005704443_201600057046001 CS _GFE_SR_FDM_2_20160005704443_201600057046001 CS _GFE_SR_FDM_2_20160005704443_2016000570414_001 CFI Retrocked Range Flag	CS_OFFL_SIR_FDM_220160605T031420_20160605T032636_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20160005T05915_2016005T05915_00001 CFI Retracked Range Flag CFI Retracked Rang	CS_OFFL_SIR_FDM_220160605T034243_20160605T041524_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CRIPPLIER FDM 2_001000051060402_0010005106402_00105106402_00105106402	CS_OFFL_SIR_FDM_220160605T052145_20160605T053712_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
GS_OFFL_SIR_FDM_2_20160005T101403_20160005T092754_C001 CFI Retracted Range Flag Indicating the values stored in felds #13, #14, #15 and #16 should be grown for these records. The master fill flag is set by the CFI call, for one or more records, indicating the values stored #13, #14, #15 and #16 should be grown for these records. The master fill flag is set by the CFI call, for one or more records, indicating the values stored #13, #14, #15 and #16 should be grown for these records. The master fill flag is set by the CFI call, for one or more records, indicating the values stored #13, #14, #15 and #16 should be grown for these records. The master fill flag is set by the CFI call, for one or more records, indicating the values stored #13, #14, #15 and #16 should be grown for these records. The master fill flag is set by the CFI call, for one or more records, indicating the values stored #13, #14, #15 and #16 should be grown for these records. The master fill flag is set by the CFI call, for one or more records, indicating the values stored #13, #14, #15 and #16 should be grown for these records. The master fill flag is set by the CFI call, for one or more records, indicating the values stored #13, #14, #15 and #16 should be grown for the cereors. The master fill 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 grown for the cereors. The master fill 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 grown for the cereors. The master fill 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 grown for these records. The master fill 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 grown for these records. The master fill flag is set by the CFI call, for one or more records, indicating the values stored in field	CS_OFFL_SIR_FDM_220160605T053915_20160605T054927_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
GS_OFFL_SIR_FDM_2_20160005T109178_20160005T091943_C001 OFI Retracked Range Flag glored for these records left flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall flag is set by the CFL cat. for one or more records. The master fall fla	CS_OFFL_SIR_FDM_220160605T061403_20160605T062754_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160065T08024_20160065T080251_CO01 CFI Retracked Range Flag Indicating the values stored in feels s13, #14, #15 and #16 should be Ignored for These records. The master fall flag is set by the CFI call, for one or more records. The master fall flag is set by the CFI call, for one or more records. The master fall flag is set by the CFI call, for one or more records. The master fall flag is set by the CFI call, for one or more records. The master fall flag is set by the CFI call, for one or more records. The master fall flag is set by the CFI call, for one or more records. The master fall flag is set by the CFI call, for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call, for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records. The master fall flag is set by the CFI call for one or more records	CS_OFFL_SIR_FDM_220160605T071718_20160605T071943_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
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CS_OFFL_SIR_FDM_2_20160065701609_201600657016161_CO1 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be indicated for these records. CS_OFFL_SIR_FDM_2_20160005701609_20160005701614_CO01 CFI Retracked Range Flag CFI Retracked Ran	CS_OFFL_SIR_FDM_220160605T084043_20160605T090531_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CFI Retracked Range Flag CFI Retracked Rang	CS_OFFL_SIR_FDM_220160605T091533_20160605T091609_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160605T11231_20160605T12358_OCOT CFI Retracked Range Flag Indicating the values stored in felds \$13, \$14, \$15 and \$16 should be ignored for these records. 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. 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. 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. 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. 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. 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. 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_2_20160605T151743_20160605T155144_C001	CS_OFFL_SIR_FDM_220160605T091609_20160605T091614_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CG_OFFL_SIR_FDM_2_20160605T123538_20160605T123630_C001 CFI Retracked Range Flag CFI Retracked Range Flag The master fall 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_2_20160605T124929_20160605T132310_C001 CFI Retracked Range Flag The master fall 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_2_20160605T145640_C001 CFI Retracked Range Flag The master fall 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. The master fall 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. The master fall 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. The master fall 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 of these records. The master fall 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 of indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records of indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records of indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records of indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20160605T184362_20160605T18435_C001 CFI Retrack	CS_OFFL_SIR_FDM_2_20160605T111231_20160605T112748_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160605T123538_20160605T123530_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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_2_20160605T143847_20160605T145640_C001 CFI Retracked Range Flag CF	CS_OFFL_SIR_FDM_220160605T120855_20160605T121316_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160605T14929_20160605T1493817_20160605T149540_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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. 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. 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_2_20160605T160844_20160605T164127_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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. 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. 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. 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. 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. 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. 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 f	CS_OFFL_SIR_FDM_220160605T123538_20160605T123630_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
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CS_OFFL_SIR_FDM_2_20160605T165955_20160605T175210_20160605T180321_CO01 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fall 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_2_20160605T180524_20160605T182018_CO01 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fall 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. The master fall 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. The master fall 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_2_20160605T184202_20160605T184825_CO01 CFI Retracked Range Flag The master fall 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. The master fall 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. The master fall 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. The master fall 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. The master fall flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16	CS_OFFL_SIR_FDM_220160605T160844_20160605T164127_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
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CS_OFFL_SIR_FDM_2_20160605T183632_20160605T184138_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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_2_20160605T185409_20160605T190541_C001 CS_OFFL_SIR_FDM_2_20160605T21351_20160605T213835_C001 CFI Retracked Range Flag CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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_2_20160605T211351_20160605T213835_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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. 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. 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. 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. 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_220160605T180524_20160605T182018_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160605T184202_20160605T184825_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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_2_20160605T211351_20160605T213835_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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. 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. 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_220160605T183632_20160605T184138_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160605T185409_20160605T190541_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20160605T211351_20160605T213835_C001 CFI Retracked Range Flag CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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. CFI Retracked Range Flag CFI Retracked Range Flag CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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. 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. 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_220160605T184202_20160605T184825_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160605T211351_20160605T213835_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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_2_20160605T225221_20160605T231850_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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_2_20160605T234750_20160606T000704_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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_220160605T185409_20160605T190541_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160605T225221_20160605T231850_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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_220160605T211351_20160605T213835_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160605T234750_20160606T000704_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be	CS_OFFL_SIR_FDM_220160605T225221_20160605T231850_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
	CS_OFFL_SIR_FDM_220160605T234750_20160606T000704_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be

6.7 L2 FDM SWH and Backscatter Measurement Check

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

Number of products with errors:

F	Product	Test Failed	Description
(CS_OFFL_SIR_FDM_220160605T002347_20160605T005654_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.
C	CS_OFFL_SIR_FDM_220160605T013237_20160605T014830_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_220160605T031420_20160605T032636_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_220160605T034243_20160605T041524_C001	CFI Backscatter Status Flag, SWH	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

CS_OFFL_SIR_FDM_2_20160605T052145_20160605T053712_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag, SWH Squared Averaging Status 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.

Squared Averaging Status Flag

ignored for these records.

Squared Averaging Status Flag

Squared Averaging Status Flag

Squared Averaging Status Flag

Squared Averaging Status Flag

Squared Averaging Status Flag, SWH

Squared Averaging Status Flag, SWH

Squared Averaging Status Flag, SWH

Squared Averaging Status Flag

Indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T071718_20160605T071943_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T080244_20160605T082620_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T080244_20160605T082620_C001

CFI Backscatter Status Flag, SWH

CFI Backscatter Status Flag, SWH

CFI Backscatter Status Flag, SWH

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T084043_20160605T090531_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T091533_20160605T091609_C001

CFI Backscatter Status Flag

indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

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.

ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T091609_20160605T091614_C001

CS_OFFL_SIR_FDM_2_20160605T091609_20160605T091614_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

Squared Averaging Status Flag

ignored for these records.

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T111231_20160605T112748_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

CFI Backscatter Status Flag, SWH

CFI Backscatter Status Flag, SWH

CFI Backscatter Status Flag, SWH

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.

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T120855_20160605T121316_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

CFI Backscatter Status Flag, SWH

Squared Averaging Status Flag

CFI Backscatter Status Flag, SWH

CS_OFFL_SIR_FDM_2_20160605T123538_20160605T123630_C001

CFI Backscatter Status Flag, SWH
Squared Averaging Status Flag

indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

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.

Squared Averaging Status Flag

Squared Averaging Status Flag

Squared Averaging Status Flag

CS_OFFL_SIR_FDM_2_20160605T143847_20160605T145640_C001

Squared Averaging Status Flag, SWH
Squared Averaging Status Flag, SWH
Squared Averaging Status Flag, SWH
Squared Averaging Status Flag

indicating the values stored in fields #41, #42, #43 and #44 should be
indicating the values stored in fields #41, #42, #43 and #44 should be

ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T151743_20160605T155144_C001

CS_OFFL_SIR_FDM_2_20160605T151743_20160605T155144_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag
Squared Averaging Status Flag
ignored for these records.

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T160844_20160605T164127_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

CFI Backscatter Status Flag, SWH

CFI Backscatter Status Flag, SWH

CFI Backscatter Status Flag, SWH

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.

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T165955_20160605T171222_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

CS_OFFL_SIR_FDM_2_20160605T165955_20160605T171222_C001

CFI Backscatter Status Flag, SWH

CS_OFFL_SIR_FDM_2_20160605T175210_20160605T180321_C001

CFI Backscatter Status Flag, SWH
Squared Averaging Status Flag

indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

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.

Squared Averaging Status Flag squared Flag ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T183632_20160605T184138_C001

Squared Averaging Status Flag, SWH Squared Averaging Status Flag ignored for these records.

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T184202_20160605T184825_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T185409_20160605T190541_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20160605T211351_20160605T213835_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.

The master fail flag is set by the CFI call, for one or more records.

The master fail flag is set by the CFI call, for one or more records.

CS_OFFL_SIR_FDM_2_20160605T225221_20160605T231850_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

GFI Backscatter Status Flag

GFI Backscat

CS_OFFL_SIR_FDM_2_20160605T234750_20160606T000704_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

CFI Backscatter Status Flag, SWH squared Averaging Status Flag

Internation line in large is set by the CFI can, 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	Description
CS_OFFL_SIR_FDM_220160605T002347_20160605T005654_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160605T013237_20160605T014830_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160605T022737_20160605T023713_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

CS_OFFL_SIR_FDM_220160605T031420_20160605T032636_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T034243_20160605T041524_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T043125_20160605T045045_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T045053_20160605T050328_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T052145_20160605T053712_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T053915_20160605T054927_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T061403_20160605T062754_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T071718_20160605T071943_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T080244_20160605T082620_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T084043_20160605T090531_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T091533_20160605T091609_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T091609_20160605T091614_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T093718_20160605T095257_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T101952_20160605T104916_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T111231_20160605T112748_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T120855_20160605T121316_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T122613_20160605T122620_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T123538_20160605T123630_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T124929_20160605T132310_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T142900_20160605T143800_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T143847_20160605T145640_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T151743_20160605T155144_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T160844_20160605T164127_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T165955_20160605T171222_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T171336_20160605T173024_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T175210_20160605T180321_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T180524_20160605T182018_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T183632_20160605T184138_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T184202_20160605T184825_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T185409_20160605T190541_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T203206_20160605T204019_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T211351_20160605T213835_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T215310_20160605T220432_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T221003_20160605T221957_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T225221_20160605T231850_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160605T234750_20160606T000704_C001	Ocean Retracking Quality Flag

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