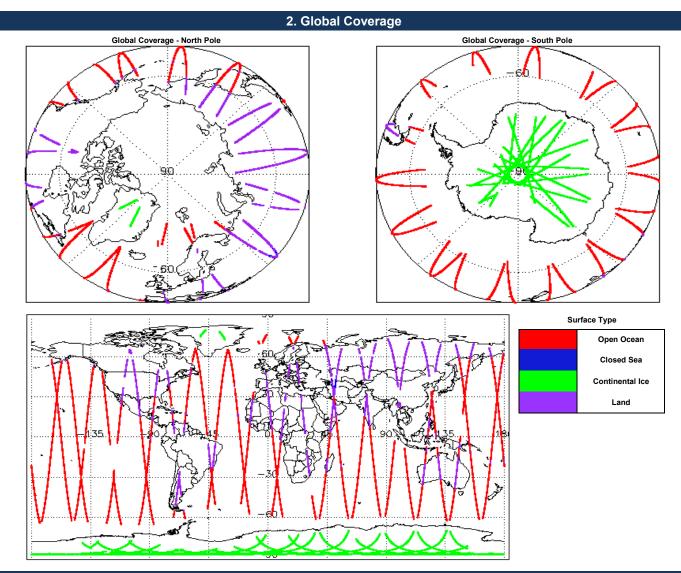


IDEAS+ Daily Report for FDM data:

<u>15/06/2016</u>

eport Production Date:	16-Jun-2016	Check	Status
Report Production Date.		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Used:		Product Software Check	Nominal
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	Product Format Check	Nominal
Data Oseu.		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

15-Jun-2016None16-Jun-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 & 2

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 SPH in order to identify any inconsistencies and/or errors raised by the processing chain.

Number of products with errors: 4	
Product	Test Failed
CS_OPER_SIR1SAR_020160615T170010_20160615T170216_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160615T160711_20160615T161152_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160615T040850_20160615T041311_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160615T004816_20160615T005519_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

5. Level 1B FDM Data Quality Check

5.1 L1B FDM Product Format Check

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

Number of products with errors:

5.2 L1B FDM Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

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: 4		
Product	Test Failed	
CS_OFFL_SIR_FDM_1B_20160615T090244_20160615T090318_C001	No Star Tracker file used in the processing of this product	
CS_OFFL_SIR_FDM_1B_20160615T103935_20160615T103936_C001	No Star Tracker file used in the processing of this product	

No Star Tracker file used in the processing of this product

5.4 L1B FDM Calibration Usage Check

Each product is checked in order to ensure the necessary calibration files have been used in processing.
Number of products with errors:
0

5

0

5.5 L1B FDM Auxilary Data File Usage Check

CS_OFFL_SIR_FDM_1B_20160615T153249_20160615T154020_C001

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.

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_20160615T010402_20160615T010530_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20160615T090244_20160615T090318_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160615T103935_20160615T103936_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160615T121609_20160615T121739_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160615T153249_20160615T154020_C001	Attitude correction missing	The attitude has not been corrected

6. Level 2 FDM Data Quality Check

6.1 L2 FDM Product Format Check

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

Number of products with errors:

6.2 L2 FDM Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

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.

35

Number of products with errors:

Product	T
CS_OFFL_SIR_FDM_220160615T001212_20160615T004524_C001	S
CS_OFFL_SIR_FDM_220160615T015054_20160615T022701_C001	S
CS_OFFL_SIR_FDM_220160615T024859_20160615T031148_C001	S
CS_OFFL_SIR_FDM_220160615T033053_20160615T040700_C001	S
CS_OFFL_SIR_FDM_220160615T041922_20160615T043747_C001	S
CS_OFFL_SIR_FDM_220160615T043840_20160615T045207_C001	S
CS_OFFL_SIR_FDM_220160615T050946_20160615T052457_C001	S
CS_OFFL_SIR_FDM_220160615T052659_20160615T053622_C001	S
CS_OFFL_SIR_FDM_220160615T060225_20160615T061540_C001	S
CS_OFFL_SIR_FDM_220160615T063146_20160615T063302_C001	S
CS_OFFL_SIR_FDM_220160615T064922_20160615T070401_C001	S
CS_OFFL_SIR_FDM_220160615T074159_20160615T081355_C001	S
CS_OFFL_SIR_FDM_220160615T082911_20160615T085353_C001	S
CS_OFFL_SIR_FDM_220160615T092552_20160615T093620_C001	S
CS_OFFL_SIR_FDM_220160615T100801_20160615T102905_C001	S
CS_OFFL_SIR_FDM_220160615T102908_20160615T103341_C001	S
CS_OFFL_SIR_FDM_220160615T103936_20160615T104444_C001	S
CS_OFFL_SIR_FDM_220160615T105931_20160615T111533_C001	S
CS_OFFL_SIR_FDM_220160615T111648_20160615T113118_C001	S
CS_OFFL_SIR_FDM_220160615T123749_20160615T131057_C001	S
CS_OFFL_SIR_FDM_220160615T135342_20160615T135452_C001	S
CS_OFFL_SIR_FDM_220160615T140228_20160615T140255_C001	S
CS_OFFL_SIR_FDM_220160615T141529_20160615T144932_C001	S
CS_OFFL_SIR_FDM_220160615T150636_20160615T153225_C001	S
CS_OFFL_SIR_FDM_220160615T153249_20160615T154020_C001	S
CS_OFFL_SIR_FDM_220160615T155246_20160615T160711_C001	S
CS_OFFL_SIR_FDM_220160615T174143_20160615T175113_C001	S
CS_OFFL_SIR_FDM_220160615T175314_20160615T180752_C001	S
CS_OFFL_SIR_FDM_220160615T184137_20160615T184618_C001	S
CS_OFFL_SIR_FDM_220160615T184723_20160615T185436_C001	S
CS_OFFL_SIR_FDM_220160615T210103_20160615T212611_C001	S
CS_OFFL_SIR_FDM_220160615T214115_20160615T215215_C001	s
CS_OFFL_SIR_FDM_220160615T215751_20160615T220746_C001	S
CS_OFFL_SIR_FDM_220160615T223855_20160615T230535_C001	5
CS_OFFL_SIR_FDM_220160615T232112_20160615T235436_C001	S

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

5

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_220160615T010402_20160615T010530_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220160615T090244_20160615T090318_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160615T103935_20160615T103936_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160615T121609_20160615T121739_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160615T153249_20160615T154020_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: 24

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160615T015054_20160615T022701_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_220160615T024859_20160615T031148_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 CFH_SR_FDM_2_2016015103305_20160151040700_0001 CFH Retracked Range Flag indicating the values of initiate F15_RFH_F15_end F15_end		I	The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_2_20160151703840_20160151703207_001 CFI Retracked Range Flag Indexts the value stored for finance roots, The master fail flag is soft by the CFI at, for one or more records, The master fail flag is soft by the CFI at, for one or more records, The master fail flag is soft by the CFI at, for one or more records, The master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, The master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the dates thread in folds #13, #14, #15 and #16 should be growed for these records. CS_OFFL_SIR_FDM_2_20160015T102082_20160115T102082_20160115T102082_20160115T102082_20160115T10208_20160115T10208_20160115T10208_20160115T10208_20160115T10208_20160115T10208_20160115T10208_20160115T10208_20160115T103038_201606115T10318_2001 CFI Retracked Range Flag The transformation flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for one or more records, the master fail flag is soft by the CFI at, for	CS_OFFL_SIR_FDM_220160615T033053_20160615T040700_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20160615T060245_20160015T053622_C001 CFI Retracked Range Flag Indexting the values stored in fields 373. 314. 415 and 15 ahout be growed for these records. CS_OFFL_SIR_FDM_2_20160615T062252_20160615T061540_C001 CFI Retracked Range Flag The master field ng is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T062252_20160615T061540_C001 CFI Retracked Range Flag The master field ng is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T061550_C001 CFI Retracked Range Flag The master field ng is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T061550_C001 CFI Retracked Range Flag The master field ng is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T062552_20160615T003820_C001 CFI Retracked Range Flag The master field ng is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T102930_20160015T103341_C001 CFI Retracked Range Flag The master field ng is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T1030362_C001 CFI Retracked Range Flag The master field ng is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T1030362_C001 CFI Retracked Range Flag The master field ng is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T1030362_C001 CFI Retracked Range Flag The master field ng is set by the CFI ca	CS_OFFL_SIR_FDM_220160615T043840_20160615T045207_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_20160615T052859_20160615T063282_001 CFI Retracked Range Flag Indicating the values stored in facts 173, 814, 815 and 815 encude be garced for these records. CS_OFFL_SIR_FDM_2_20160615T062252_20160615T081385_0001 CFI Retracked Range Flag The masker failing is any type CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T062252_20160615T081385_0001 CFI Retracked Range Flag The masker failing is any type CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T062552_20160615T083820_0001 CFI Retracked Range Flag The masker failing is any type CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T102508_20160615T103341_C001 CFI Retracked Range Flag The masker failing is any type CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T103286_20160615T103341_C001 CFI Retracked Range Flag The masker failing is any type CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T103286_20160615T103444_C001 CFI Retracked Range Flag The masker failing is any type CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T1103842_20160615T110444_C001 CFI Retracked Range Flag The masker failing is any type CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T1103842_20160615T110444_C001 CFI Retracked Range Flag The masker failing is any type CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20160615T1103842_20160615T1104	CS_OFFL_SIR_FDM_220160615T050946_20160615T052457_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_20100015T00025S_20100015T001540_C001 OFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be grooted for these records. CS_OFFL_SIR_FDM_2_20100015T002552_20100015T003540_C001 OFI Retracked Range Flag The master fail fag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be grooted for these records. CS_OFFL_SIR_FDM_2_20100015T102508_201C001 OFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be grooted for these records. CS_OFFL_SIR_FDM_2_20100015T102508_201C001 OFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be grooted for these records. CS_OFFL_SIR_FDM_2_20100015T102508_201C0015T103341_C001 OFI Retracked Range Flag The master fail fag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be grooted for these records. CS_OFFL_SIR_FDM_2_20100015T110349_20160615T113116_C001 OFI Retracked Range Flag The master fail fag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be grooted for these records. CS_OFFL_SIR_FDM_2_20160615T131057_C001 OFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be grooted for these records. CS_OFFL_SIR_FDM_2_20160615T144032_C001 OFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 s	CS_OFFL_SIR_FDM_220160615T052659_20160615T053622_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_201606151071459_201606151081355_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored in fines as the type CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored in fines records. CS_OFFL_SIR_FDM_2_201606151102908_201606151103341_C001 CFI Retracked Range Flag The master fail flag is as the year of the folds #13, #14, #15 and #16 should be ignored in fitnes records. CS_OFFL_SIR_FDM_2_201606151102908_20160615110444_C001 CFI Retracked Range Flag The master fail flag is as the year of the folds #13, #14, #15 and #16 should be ignored in fitnes records. CS_OFFL_SIR_FDM_2_201606151110498_201606151113118_C001 CFI Retracked Range Flag The master fail flag is as the year of the folds #13, #14, #15 and #16 should be ignored in fitnes records. CS_OFFL_SIR_FDM_2_20160615111318_C001 CFI Retracked Range Flag The master fail flag is as the year of the folds #13, #14, #15 and #16 should be ignored in fitnes records. CS_OFFL_SIR_FDM_2_201606151131057_C001 CFI Retracked Range Flag The master fail flag is as the year of the folds #13, #14, #15 and #16 should be ignored in fitnes records. CS_OFFL_SIR_FDM_2_201606151143152_200100 CFI Retracked Range Flag The master fail flag is as the year of the folds #13, #14, #15 and #16 should be ignored in fitnes records. CS_OFFL_SIR_FDM_2_201606151145132_201606151144132_201606151144432_201606151144432_201606151144432_201606151144432_201606151144432_20160615114	CS_OFFL_SIR_FDM_220160615T060225_20160615T061540_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_20160615T09252_20160615T093620_C001 CFI Retracked Range Flag indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20160615T102308_20160615T103341_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 felds #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20160615T110308_20160615T113116_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_2_20160615T113116_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_2_20160615T131057_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_2_20160615T1315452_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_2_20160615T141528_20160615T144532_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, #1	CS_OFFL_SIR_FDM_220160615T074159_20160615T081355_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_20160615T103208_20160615T103341_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_20160615T103936_20160615T104444_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_2_20160615T11316_2010 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_2_20160615T123749_20160615T13105T_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_2_20160615T135452_20100015T134552_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_2_20160615T145342_20160615T154020_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_2_20160615T153249_20160615T154020_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records, indicating the val	CS_OFFL_SIR_FDM_220160615T092552_20160615T093620_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_20160615T103936_20160615T104444_0001 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_20160615T111048_20160615T113118_0001 CFI Retracked Range Flag The master fail Rag 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_20160615T123749_20160615T135452_0001 CFI Retracked Range Flag The master fail Rag 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_20160615T135342_20160615T135452_0001 CFI Retracked Range Flag The master fail Rag 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_20160615T145020_0001 CFI Retracked Range Flag The master fail Rag 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_20160615T154020_0001 CFI Retracked Range Flag The master fail Rag 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_20160615T17512620_0010615T16071_0001 CFI Retracked Range Flag The master fail Rag is set by the CFI call, for one or more records, indicating the values stored in fields	CS_OFFL_SIR_FDM_220160615T102908_20160615T103341_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_20160615T113148_20160615T113118_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_20160615T133749_20160615T131057_C001 CFI Retracked Range Flag The master fail fag 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_20160615T135452_20160615T135452_C001 CFI Retracked Range Flag The master fail fag 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_20160615T14529_20160615T144932_C001 CFI Retracked Range Flag The master fail fag 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_20160615T154020_C001 CFI Retracked Range Flag The master fail fag 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_20160615T165246_20160615T160711_C001 CFI Retracked Range Flag The master fail fag 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_20160615T175314_20160615T180752_C001 CFI Retracked Range Flag The master fail fag is set by the CFI call, for one or more records, indicating the values st	CS_OFFL_SIR_FDM_220160615T103936_20160615T104444_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_20160615T133749_20160615T131057_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records. CS_OFFL_SIR_FDM_2_20160615T135342_20160615T135452_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 growed for these records. CS_OFFL_SIR_FDM_2_20160615T144529_20160615T144932_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 growed for these records. CS_OFFL_SIR_FDM_2_20160615T153249_20160615T154020_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 growed for these records. CS_OFFL_SIR_FDM_2_20160615T155246_20160615T160711_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 growed for these records. CS_OFFL_SIR_FDM_2_20160615T175113_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 growed for these records. CS_OFFL_SIR_FDM_2_20160615T175314_20160615T180752_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records, indicating the values s	CS_OFFL_SIR_FDM_220160615T111648_20160615T113118_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_20160615T135342_20160615T135452_C001 CFI Retracked Range Flag Indicating the value's stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20160615T141529_20160615T144932_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_2_20160615T153249_20160615T154020_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_2_20160615T155246_20160615T160711_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_2_20160615T174143_20160615T175113_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_2_20160615T174143_20160615T180752_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_2_20160615T184137_20160615T184618_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records,	CS_OFFL_SIR_FDM_220160615T123749_20160615T131057_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_20160615T141529_20160615T144932_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_20160615T153249_20160615T154020_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_2_20160615T155246_20160615T160711_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_2_20160615T174143_20160615T175113_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_2_20160615T175314_20160615T180752_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_2_20160615T184137_20160615T184618_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_2_20160615T184723_20160615T1845436_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	CS_OFFL_SIR_FDM_220160615T135342_20160615T135452_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_20160615T153249_20160615T154020_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_20160615T155246_20160615T160711_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_2_20160615T175113_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_2_20160615T175314_20160615T180752_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_2_20160615T184732_0160615T184618_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_2_20160615T184618_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_2_20160615T184732_0160615T184618_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	CS_OFFL_SIR_FDM_220160615T141529_20160615T144932_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_20160615T155246_20160615T160711_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_20160615T174143_20160615T175113_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_2_20160615T175314_20160615T175314_20160615T180752_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_2_20160615T184723_20160615T184618_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_2_20160615T184723_20160615T184618_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_2_20160615T210103_20160615T212611_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_2_20160615T220103_20160615T212611_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records, indicating the va	CS_OFFL_SIR_FDM_220160615T153249_20160615T154020_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_20160615T174143_20160615T175113_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_20160615T175314_20160615T180752_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_2_20160615T184137_20160615T184618_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_2_20160615T184723_20160615T185436_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_2_20160615T184723_20160615T185436_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_2_20160615T210103_20160615T212611_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_2_20160615T223855_20160615T230535_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 f	CS_OFFL_SIR_FDM_220160615T155246_20160615T160711_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_20160615T175314_20160615T180752_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_20160615T184137_20160615T184618_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_2_20160615T184723_20160615T185436_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_2_20160615T184723_20160615T12611_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_2_20160615T210103_20160615T212611_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_2_20160615T223855_20160615T230535_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_2_20160615T232855_20160615T230535_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 fi	CS_OFFL_SIR_FDM_220160615T174143_20160615T175113_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_20160615T184137_20160615T184618_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_20160615T184723_20160615T185436_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_2_20160615T210103_20160615T212611_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_2_20160615T223855_20160615T230535_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_2_20160615T223855_20160615T230535_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_2_20160615T232855_20160615T230535_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_2_20160615T232112_20160615T235436_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 f	CS_OFFL_SIR_FDM_220160615T175314_20160615T180752_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_20160615T184723_20160615T185436_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_20160615T210103_20160615T212611_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_2_20160615T223855_20160615T230535_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_2_20160615T223855_20160615T230535_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_2_20160615T232855_20160615T235436_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_2_20160615T232112_20160615T235436_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_220160615T184137_20160615T184618_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_20160615T210103_20160615T212611_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_20160615T223855_20160615T230535_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_2_20160615T223855_20160615T230535_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_2_20160615T232112_20160615T235436_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	CS_OFFL_SIR_FDM_220160615T184723_20160615T185436_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_20160615T233855_20160615T230535_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_20160615T232112_20160615T235436_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_220160615T210103_20160615T212611_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_220160615T232112_20160615T235436_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be	CS_OFFL_SIR_FDM_220160615T223855_20160615T230535_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
3	CS_OFFL_SIR_FDM_220160615T232112_20160615T235436_C001	CFI Retracked Range Flag	

6.7 L2 FDM SWH and Backscatter Measurement Check

24

Number of products with errors:

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

Product	Test Failed	Description
CS_OFFL_SIR_FDM_2_20160615T015054_20160615T022701_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_220160615T024859_20160615T031148_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_220160615T033053_20160615T040700_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_220160615T043840_20160615T045207_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_220160615T050946_20160615T052457_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_220160615T052659_20160615T053622_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_220160615T060225_20160615T061540_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_220160615T074159_20160615T081355_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_220160615T092552_20160615T093620_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_220160615T102908_20160615T103341_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

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

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: 40

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160615T001212_20160615T004524_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_220160615T015054_20160615T022701_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_220160615T024859_20160615T031148_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_220160615T033053_20160615T040700_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_220160615T041922_20160615T043747_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_220160615T043840_20160615T045207_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_220160615T050946_20160615T052457_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_220160615T052659_20160615T053622_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_220160615T060225_20160615T061540_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_220160615T064922_20160615T070401_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_220160615T074159_20160615T081355_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_220160615T092552_20160615T093620_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_220160615T094155_20160615T095242_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_220160615T100801_20160615T102905_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_220160615T102908_20160615T103341_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_220160615T103936_20160615T104444_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_220160615T105931_20160615T111533_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_220160615T111648_20160615T113118_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_220160615T122312_20160615T122440_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_220160615T123749_20160615T131057_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_220160615T132639_20160615T135256_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_220160615T135342_20160615T135452_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_220160615T141529_20160615T144932_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.
S_OFFL_SIR_FDM_220160615T150636_20160615T153225_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_220160615T153249_20160615T154020_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.
S_OFFL_SIR_FDM_220160615T155246_20160615T160711_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS OFFL SIR FDM 2 _20160615T161152 20160615T161336 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean

CS_OFFL_SIR_FDM_2_20160615T161339_20160615T162859_C001 CS_OFFL_SIR_FDM_2_20160615T164746_20160615T170010_C001 CS_OFFL_SIR_FDM_2_20160615T174143_20160615T175113_C001 CS_OFFL_SIR_FDM_2_20160615T175314_20160615T180752_C001 CS_OFFL_SIR_FDM_2_20160615T182409_20160615T182552_C001 CS_OFFL_SIR_FDM_2_20160615T184137_20160615T184618_C001 CS_OFFL_SIR_FDM_2_20160615T184723_20160615T185436_C001 CS_OFFL_SIR_FDM_2_20160615T193111_20160615T194640_C001 CS_OFFL_SIR_FDM_2_20160615T20202_20160615T203557_C001 CS_OFFL_SIR_FDM_2_20160615T210103_20160615T212611_C001 CS_OFFL_SIR_FDM_2_20160615T215751_20160615T220746_C001 CS_OFFL_SIR_FDM_2_20160615T223855_20160615T230535_C001 CS_OFFL_SIR_FDM_2_20160615T223855_20160615T235436_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.