

15-Oct-2017 Nothing planned

IDEAS+ Daily Report for FDM data:

14/10/2017

1. Overview				
		Chask	Status	
Report Production Date:	16-Oct-2017	Check Server check: science-pds.cryosat.esa.int	Status Nominal	
		Server check: calval-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Product Software Check	Nominal	
	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	Product Format Check	Nominal	
Data Used:		Product Header Analysis	See Section 4.2	
		Star Tracker Usage Check	See Section 5.3	
		Calibration Usage Check	Nominal	
		Auxiliary Data File Usage Check	Nominal	
		Auxiliary Correction Error Check	See Section 6.4	
		Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8	
ission / Instrument News				
13-Oct-2017 None				
14-Oct-2017 None				

2. Global Coverage Global Coverage - North Pole Global Coverage - South Pole 1 60, Surface Type Open Ocean Closed Sea Continental Ice Land

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: 15

Product	Test Failed
CS_OPER_SIR1SAR_020171014T140440_20171014T140607_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020171014T093730_20171014T094307_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20171014T022841_20171014T023521_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20171014T145032_20171014T145236_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20171014T154634_20171014T155350_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020171014T214012_20171014T214239_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20171014T132520_20171014T132924_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171014T163042_20171014T163223_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171014T100501_20171014T100745_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171014T173913_20171014T174252_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171014T172405_20171014T172548_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171014T195812_20171014T200118_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171014T113606_20171014T113940_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171014T122632_20171014T122658_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171014T173913_20171014T174252_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:

5.3 L1B FDM Star Tracker Usage Check				
Each product is checked in order to ensure a valid star tracker file has been used in processing.				
Number of products with errors: 3				
Product	Test Failed			
CS_OFFL_SIR_FDM_1B_20171014T090329_20171014T090407_C001	No Star Tracker file used in the processing of this product			
CS_OFFL_SIR_FDM_1B_20171014T121721_20171014T121844_C001	No Star Tracker file used in the processing of this product			
CS_OFFL_SIR_FDM_1B_20171014T153412_20171014T154147_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 0

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: 0

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: 4		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20171014T085823_20171014T090313_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_20171014T090329_20171014T090407_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20171014T121721_20171014T121844_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20171014T153412_20171014T154147_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: 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

6.4 L2 FDM Auxiliary Correction Error Check

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

36

Number of products with errors:

roduct	Test Failed	Description
S_OFFL_SIR_FDM_220171014T015229_20171014T022810_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220171014T025007_20171014T025428_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
S_OFFL_SIR_FDM_220171014T025524_20171014T031301_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
S_OFFL_SIR_FDM_220171014T033212_20171014T035111_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
S_OFFL_SIR_FDM_220171014T043950_20171014T045337_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220171014T051118_20171014T052601_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
S_OFFL_SIR_FDM_220171014T052803_20171014T053725_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
S_OFFL_SIR_FDM_220171014T055838_20171014T061649_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
S_OFFL_SIR_FDM_220171014T063241_20171014T063447_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
S_OFFL_SIR_FDM_220171014T073847_20171014T073851_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
S_OFFL_SIR_FDM_220171014T073932_20171014T074144_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
S_OFFL_SIR_FDM_220171014T074226_20171014T081445_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
S_OFFL_SIR_FDM_220171014T083102_20171014T085431_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220171014T092649_20171014T093730_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
S_OFFL_SIR_FDM_220171014T094307_20171014T095333_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220171014T101000_20171014T103713_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
S_OFFL_SIR_FDM_220171014T104437_20171014T104716_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
S_OFFL_SIR_FDM_220171014T141506_20171014T145031_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
S_OFFL_SIR_FDM_220171014T150818_20171014T153357_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
S_OFFL_SIR_FDM_220171014T153412_20171014T154147_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
S_OFFL_SIR_FDM_220171014T155628_20171014T160819_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
S_OFFL_SIR_FDM_220171014T161301_20171014T162946_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
S_OFFL_SIR_FDM_220171014T164834_20171014T170116_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220171014T170330_20171014T172220_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
S_OFFL_SIR_FDM_220171014T174252_20171014T175224_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
S_OFFL_SIR_FDM_220171014T175459_20171014T180836_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
S_OFFL_SIR_FDM_220171014T183526_20171014T183702_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
S_OFFL_SIR_FDM_220171014T184830_20171014T185541_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
S_OFFL_SIR_FDM_220171014T185704_20171014T185918_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
S_OFFL_SIR_FDM_220171014T185946_20171014T190003_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
S_OFFL_SIR_FDM_220171014T192815_20171014T192932_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
S_OFFL_SIR_FDM_220171014T193142_20171014T194733_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
S_OFFL_SIR_FDM_220171014T210245_20171014T212633_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
S_OFFL_SIR_FDM_220171014T214240_20171014T215321_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220171014T223749_20171014T230553_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
S_OFFL_SIR_FDM_220171014T232330_20171014T235528_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:
 4

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171014T085823_20171014T090313_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220171014T090329_20171014T090407_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220171014T121721_20171014T121844_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220171014T153412_20171014T154147_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.

Increase failing set by the CFL at for one more model. CB_OPEL_SIR_FEM_2_0171014T02502_02171014T025482_001 CFL Retracked Parage Fag CFL SIR_FEM_2_0171014T02502_02171014T02512_017014T02512_0101 CFI Retracked Range Fag The maxing failing is act by the CFI at for one or more model. CS_0PFL_SRF_FML0077014T02522_017014T02522_0101 CFI Retracked Range Fag	Product	Test Failed	Description
CS_OFFL_SR_FDM_2_20171014102409_20171014102468_2001 OFI Retracked Range Flag Indicating the value seconds. CS_OFFL_SR_FDM_2_20171014102458_201710141021501_0011 OFI Retracked Range Flag The matter fail flag is and the fail and the			
CS_OFFL_SIR_FDM_2_0171014T03328_20171014T033351_0001 CFI Remoded Range Flag Indicating the value sector. CS_OFFL_SIR_FDM_2_0171014T033212_20171014T033711_0001 CFI Remoded Range Flag Indicating the value sector. CS_OFFL_SIR_FDM_2_0171014T033212_20171014T033712_0001 CFI Remoded Range Flag Indicating the value sector. CS_OFFL_SIR_FDM_2_0171014T032820_20171014T03372_0001 CFI Remoded Range Flag Indicating the value sector. CS_OFFL_SIR_FDM_2_0171014T052820_20171014T03372_0001 CFI Remoded Range Flag Indicating the value sector. CS_OFFL_SIR_FDM_2_0171014T052820_20171014T03472_0001 CFI Remoded Range Flag Indicating the value sector. CS_OFFL_SIR_FDM_2_0171014T052820_20171014T05144_0001 CFI Remoded Range Flag Indicating the value sector. CS_OFFL_SIR_FDM_2_0171014T074222_20171014T07444_0001 CFI Remoded Range Flag The master failing is set by ECF Lail. for one or more necold. CS_OFFL_SIR_FDM_2_0171014T07422_20171014T07442_0011 CFI Remoded Range Flag The master failing is set by ECF Lail. for one or more necold. CS_OFFL_SIR_FDM_2_0171014T07422_20171014T07472_20_20171014T07472_001 CFI Remoded Range Flag The master failing is set by ECF Lail. for one or more necold. CS_OFFL_SIR_FDM_2_0171014T07422_20171014T07472_20_20171014T107472_001 CFI Remoded Range Flag The master failing is set b	CS_OFFL_SIR_FDM_220171014T025007_20171014T025428_C001	CFI Retracked Range Flag	ignored for these records.
CSL_OFFL_SIR_EDM_2_20171014T033212_00171014T033512_0017014T035122_0017014T035122_0017014T05520_001 CFI Retracked Range Flag Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. CSL_OFFL_SIR_EDM_2_20171014T05520_0001 CFI Retracked Range Flag Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 and #16 should be granter for these stoods. Indicating the values stood in fields #13, #14, #15 a	CS_OFFL_SIR_FDM_220171014T025524_20171014T031301_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS, OFFL_SIR_FDM_2_20171014T05118_20171014T052801_C001 CFI Retracked Range Flag micdiaming the values stored in Role 313, 814, 815 and 816 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T052802_20171014T051725_C001 CFI Retracked Range Flag The master flag is set by the CFI call, for one or more records, including the values stored in Role 313, 814, 815 and 816 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T075932_20171014T0761446_C001 CFI Retracked Range Flag The master flag is set by the CFI call, for one or more records, including the values stored in Role 313, 814, 815 and 816 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T074144_C001 CFI Retracked Range Flag The master flag is set by the CFI call, for one or more records, including the values stored in Role 313, 814, 815 and 816 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T074144_C001 CFI Retracked Range Flag The master flag is set by the CFI call, for one or more records, including the values stored in Role 313, 814, 815 and 816 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T101000_20171014T101003, C001 CFI Retracked Range Flag The master flag is set by the CFI call, for one or more records, including the values stored in Role 313, 814, 815 and 816 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T145003_20171014T145003_C001 CFI Retracked Range Flag The master flag is set by the CFI call, for one or more records, including the values stored in Role 313, 814, 815 and 816 should be growed for these records. <tr< td=""><td>CS_OFFL_SIR_FDM_220171014T033212_20171014T035111_C001</td><td>CFI Retracked Range Flag</td><td>indicating the values stored in fields #13, #14, #15 and #16 should be</td></tr<>	CS_OFFL_SIR_FDM_220171014T033212_20171014T035111_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20171014T053280_20171014T053725_C001 CFI Retracked Range Flag incloring the values stored in fields 31, 41, 415 and 416 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T073832_20171014T074144_C001 CFI Retracked Range Flag The master fields 31, 414, 415 and 416 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T073832_20171014T074144_C001 CFI Retracked Range Flag Incloring the values stored in fields 31, 414, 415 and 416 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T073832_20171014T074144_C001 CFI Retracked Range Flag Incloring the values stored in fields 413, 414, 415 and 416 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T073932_20171014T081445_C001 CFI Retracked Range Flag The master field as as by the CFI call, for one or more records, incloring the values stored in fields 413, 414, 415 and 416 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T01000_20171014T103730_C001 CFI Retracked Range Flag The master field as as by the CFI call, for one or more records, incloring the values stored in fields 413, 414, 415 and 416 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T1014T0600_20171014T103733_C001 CFI Retracked Range Flag The master field as as by the CFI call, for one or more records, incloring the values stored in fields 413, 414, 415 and 416 should be growed for these records. CS_OFFL_SIR_FDM_2_20171014T161301_20171014T16305_C001 CFI Retracked Range Flag The master fiel	CS_OFFL_SIR_FDM_220171014T051118_20171014T052601_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_2017/014T05838_2017/014T06149_0001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ground for these records. CS_OFFL_SIR_FDM_2_2017/014T079302_2017/014T074144_0001 CFI Retracked Range Flag The matter field ag is set by the CFI cal, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ground for these records. CS_OFFL_SIR_FDM_2_2017/014T078224_2017/014T081445_0001 CFI Retracked Range Flag The matter field ag is set by the CFI cal, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ground for these records. CS_OFFL_SIR_FDM_2_2017/014T082449_2017/014T083730_0001 CFI Retracked Range Flag The matter field ag is set by the CFI cal, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ground for these records. CS_OFFL_SIR_FDM_2_2017/014T1080249_2017/014T16331_0001 CFI Retracked Range Flag The matter field ag is set by the CFI cal, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ground for these records. CS_OFFL_SIR_FDM_2_2017/014T163081_2017/014T163357_0001 CFI Retracked Range Flag The matter field ag is set by the CFI cal, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ground for these records. CS_OFFL_SIR_FDM_2_2017/014T163081_2017/014T162946_0001 CFI Retracked Range Flag The matter field ag is set by the CFI cal, for one or more records, indicating the values	CS_OFFL_SIR_FDM_220171014T052803_20171014T053725_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20171014T073332_20171014T074144_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_20171014T074222_20171014T081745_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20171014T092649_20171014T093730_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20171014T1092649_20171014T093730_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20171014T16000_20171014T103713_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20171014T16008_20171014T163357_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20171014T160816_20171014T163357_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20171014T160816_20171014T162346_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20171014T172220_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. CS_OFFL_SIR_FDM_2_20171014T17222	CS_OFFL_SIR_FDM_220171014T055838_20171014T061649_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20171014T074226_20171014T081445_C001 CFI Retracked Range Flag Initiating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20171014T082549_20171014T083730_C001 CFI Retracked Range Flag The master fail Flag is set by the CFI call, for one or more records, initiating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20171014T10000_20171014T103713_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_20171014T14506_20171014T105335_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_20171014T16301_20171014T16335_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_20171014T161301_20171014T16224_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_20171014T174252_C001 CFI Retracked Range Flag The master fail Flag is set by the CFI call, for one or more records, indicating the values	CS_OFFL_SIR_FDM_220171014T073932_20171014T074144_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20171014T032649_20171014T033730_C001 CFI Retracked Range Fiag indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. CS_OFFL_SIR_FDM_2_20171014T10000_20171014T103713_C001 CFI Retracked Range Fiag 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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T16508_20171014T165031_C001 CFI Retracked Range Fiag 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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T1650818_20171014T163357_C001 CFI Retracked Range Fiag 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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T16301_20171014T162946_C001 CFI Retracked Range Fiag 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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T176224_C001 CFI Retracked Range Fiag 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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T175224_C001 CFI Retracked Range Fiag The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #1	CS_OFFL_SIR_FDM_220171014T074226_20171014T081445_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_20171014T10300_20171014T103713_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_20171014T1450816_20171014T145031_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_20171014T163016_20171014T163357_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_20171014T163001_20171014T162946_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_20171014T170330_20171014T172220_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_20171014T176252_20171014T175224_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_20171014T176252_20171014T180380_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records, i	CS_OFFL_SIR_FDM_220171014T092649_20171014T093730_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20171014T14508_20171014T145031_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_20171014T161301_20171014T163367_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_20171014T161301_20171014T162946_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_20171014T170330_20171014T172220_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_20171014T17525_20171014T175224_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_20171014T175459_20171014T180836_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_20171014T183504_20171014T185704_2001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records, ind	CS_OFFL_SIR_FDM_220171014T101000_20171014T103713_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20171014T150818_20171014T150357_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. CS_OFFL_SIR_FDM_2_20171014T161301_20171014T162946_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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T170330_20171014T172220_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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T174252_20171014T17524_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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T175459_20171014T180836_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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T183702_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 gnored for these records. CS_OFFL_SIR_FDM_2_20171014T184580_20171014T185704_20171014T185581_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 #	CS_OFFL_SIR_FDM_220171014T141506_20171014T145031_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS_OFFL_SIR_FDM_2_20171014T161301_20171014T162946_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_20171014T170330_20171014T172220_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_20171014T174252_20171014T175224_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_20171014T175459_20171014T175224_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_20171014T175459_20171014T18036_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_20171014T183526_20171014T183702_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_20171014T184530_20171014T185918_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_220171014T150818_20171014T153357_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_20171014T170330_20171014T172220_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_20171014T174252_20171014T175224_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_20171014T175459_20171014T180836_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_20171014T183526_20171014T183702_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_20171014T183526_20171014T183702_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_20171014T184830_20171014T185918_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_20171014T185918_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,	CS_OFFL_SIR_FDM_220171014T161301_20171014T162946_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_20171014T174252_20171014T175224_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_20171014T175459_20171014T180836_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_20171014T183526_20171014T183702_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_20171014T183526_20171014T183702_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_20171014T183526_20171014T185541_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_20171014T185704_20171014T185514_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_20171014T185704_20171014T185918_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_20171014T193142_20171014T194733_C001 CFI Retracked Range Flag T	CS_OFFL_SIR_FDM_220171014T170330_20171014T172220_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_20171014T175459_20171014T180836_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_20171014T183526_20171014T183702_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_20171014T184830_20171014T185541_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_20171014T185704_20171014T185541_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_20171014T185704_20171014T185918_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_20171014T193142_20171014T194733_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_20171014T210245_20171014T212633_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_220171014T174252_20171014T175224_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_20171014T18326_20171014T183702_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_20171014T184830_20171014T185541_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_20171014T185704_20171014T185918_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_20171014T193142_20171014T194733_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_20171014T193142_20171014T194733_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_20171014T210245_20171014T212633_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_20171014T2120245_20171014T212633_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_220171014T175459_20171014T180836_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_20171014T184830_20171014T185541_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_20171014T185704_20171014T185918_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_20171014T193142_20171014T194733_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_20171014T193142_20171014T194733_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_20171014T210245_20171014T212633_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_20171014T223749_20171014T230553_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_20171014T223749_20171014T230553_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_220171014T183526_20171014T183702_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_20171014T185704_20171014T185918_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_20171014T193142_20171014T194733_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_20171014T210245_20171014T212633_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_20171014T220245_20171014T212633_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_20171014T223749_20171014T230553_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_20171014T223749_20171014T230553_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_20171014T232330_20171014T235528_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_220171014T184830_20171014T185541_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_20171014T193142_20171014T194733_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_20171014T210245_20171014T212633_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_20171014T223749_20171014T230553_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_20171014T223749_20171014T230553_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_20171014T232330_20171014T235528_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_220171014T185704_20171014T185918_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_20171014T210245_20171014T212633_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_20171014T223749_20171014T230553_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_20171014T223749_20171014T230553_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_20171014T232330_20171014T235528_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_220171014T193142_20171014T194733_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_20171014T223749_20171014T230553_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_20171014T232330_20171014T235528_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_220171014T210245_20171014T212633_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_20171014T232330_20171014T235528_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be	CS_OFFL_SIR_FDM_220171014T223749_20171014T230553_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_220171014T232330_20171014T235528_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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171014T025007_20171014T025428_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_220171014T025524_20171014T031301_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_220171014T033212_20171014T035111_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_220171014T051118_20171014T052601_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_220171014T052803_20171014T053725_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_220171014T055838_20171014T061649_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_220171014T073932_20171014T074144_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_220171014T074226_20171014T081445_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_220171014T092649_20171014T093730_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:
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Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171014T001415_20171014T004638_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_220171014T005843_20171014T010037_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_220171014T011907_20171014T013456_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_220171014T015229_20171014T022810_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_220171014T025007_20171014T025428_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_220171014T025524_20171014T031301_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_220171014T033212_20171014T035111_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_220171014T035331_20171014T040554_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_220171014T041955_20171014T043836_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_220171014T043950_20171014T045337_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_220171014T051118_20171014T052601_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_220171014T052803_20171014T053725_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_220171014T055838_20171014T061649_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_220171014T063241_20171014T063447_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_220171014T065101_20171014T070507_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_220171014T073932_20171014T074144_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_220171014T074226_20171014T081445_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_220171014T083102_20171014T085431_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_220171014T092649_20171014T093730_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_220171014T101000_20171014T103713_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_220171014T123859_20171014T131143_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_220171014T140333_20171014T140440_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_220171014T141506_20171014T145031_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_220171014T150818_20171014T153357_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_220171014T155628_20171014T160819_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_220171014T161301_20171014T162946_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_220171014T164834_20171014T170116_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean

CS_OFFL_SIR_FDM_220171014T170330_20171014T172220_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_220171014T174252_20171014T175224_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_220171014T175459_20171014T180836_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_220171014T183526_20171014T183702_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_220171014T184830_20171014T185541_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_220171014T185704_20171014T185918_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_220171014T193142_20171014T194733_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_220171014T210245_20171014T212633_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_220171014T223749_20171014T230553_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_220171014T232330_20171014T235528_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.

7. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR1LRM_0_	138	138	138	0	0
SIR1SAR_0_	95	95	95	0	0
SIR1SIN_0_	101	101	101	0	0
SIR2SIN_0_	104	104	104	0	0
SIR_FDM_1B	138	138	138	0	0
SIR_FDM_2	138	138	138	0	0
7.1 QCC Errors					

Number of QCC reports with errors:	0
7.2 QCC Warnings	
Number of QCC reports with warnings	0
7.3 Missing QCC Reports	
Number of products with missing QCC reports:	0