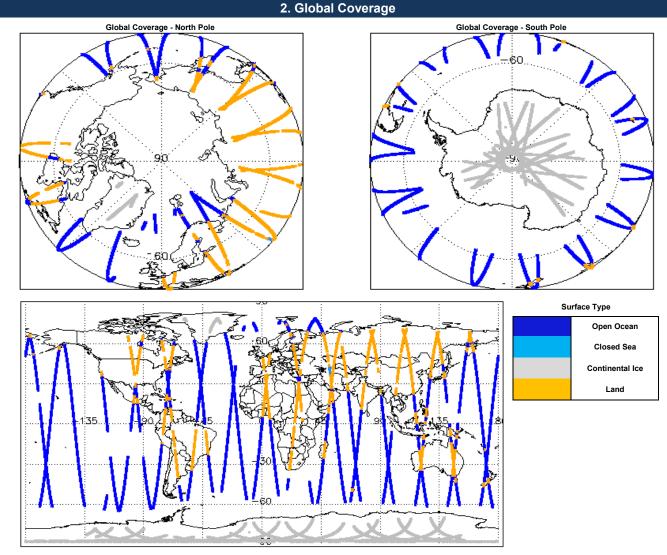


IDEAS+ Daily Report for FDM data:

<u>31/08/2015</u>

en ent Dreduction Deter	01-Sep-2015	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	
		Product Header Analysis	See Section 4.2	
		Star Tracker Usage Check	See Section 5.3	
		Calibration Usage Check	Nominal	
		Auxiliary Data File Usage Check	Nominal	
		Auxiliary Correction Error Check	See Section 6.4	
		Measurement Confidence Data Check	See Section 5.7, 6.6, 6.7 and 6.8	

Mission / Instru	Mission / Instrument News				
30-Aug-2015	None				
31-Aug-2015	None				
01-Sep-2015	Nothing planned				



3. Instrument Configuration

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

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

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:

rder to identify any inconsistencies and/or errors raised by the processing chain.
Test Failed
Percentage of processing errors detected greater than minimum acceptable threshold.
Percentage of processing errors detected greater than minimum acceptable threshold.
Percentage of processing errors detected greater than minimum acceptable threshold.
FDM Data Quality Check
rder to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
rder to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
rder to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
rder to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
essing.
essing.
essing. Test Failed No Star Tracker file used in the processing of this product
Test Failed No Star Tracker file used in the processing of this product No Star Tracker file used in the processing of this product
Test Failed No Star Tracker file used in the processing of this product No Star Tracker file used in the processing of this product No Star Tracker file used in the processing of this product

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

10

5.5 L1B FDM Auxilary Data File Usage Check

CS_OFFL_SIR_FDM_1B_20150831T133126_20150831T140429_C001

CS_OFFL_SIR_FDM_1B_20150831T235323_20150901T000003_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: 0

5.7 L1B FDM Measurement Confidence Data Check

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

Number of	products with	errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20150831T004923_20150831T004935_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150831T051638_20150831T054935_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150831T083938_20150831T084350_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20150831T123925_20150831T125417_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150831T125420_20150831T131445_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150831T131814_20150831T132300_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150831T132305_20150831T132636_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150831T133126_20150831T140429_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150831T142356_20150831T142452_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20150831T235323_20150901T000003_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. 0

Number of products with errors:

6.3 L2 FDM Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0 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.

42

products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220150830T235132_20150831T000223_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T001819_20150831T004420_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T004935_20150831T005610_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T021622_20150831T022312_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T022725_20150831T023007_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T023129_20150831T023216_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T023303_20150831T023445_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed, Mean Sea Surface Height and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T024708_20150831T032009_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T042402_20150831T045426_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T051638_20150831T054935_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T060243_20150831T061916_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T062135_20150831T062412_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T062415_20150831T063102_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T063105_20150831T063830_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T065730_20150831T070955_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T074148_20150831T080053_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T080255_20150831T081732_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T085122_20150831T090418_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T090541_20150831T090800_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T094146_20150831T095623_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T101216_20150831T102254_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T102823_20150831T103754_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T111635_20150831T113520_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T115110_20150831T120208_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T120737_20150831T121942_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T123925_20150831T125417_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T125420_20150831T131445_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T133126_20150831T140429_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T151033_20150831T153134_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T155552_20150831T155616_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T164938_20150831T172539_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T173610_20150831T173650_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T174419_20150831T181003_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T182918_20150831T184402_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T184433_20150831T184553_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T193647_20150831T195105_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T200812_20150831T202222_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T202401_20150831T204019_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T205750_20150831T211142_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T214811_20150831T220957_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T223624_20150831T224322_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150831T224541_20150831T225512_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

0

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:

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: 29

ignored for these records. S_OFFL_SIR_FDM_2_20150831T004935_20150831T005610_C001 CFI Retracked Range Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T023725_20150831T023216_C001 CFI Retracked Range Flag CFI Retracked Range Flag CFI Retracked Range Flag CFI Retracked Range Flag CFI Retracked Range Flag S_OFFL_SIR_FDM_2_20150831T023303_20150831T023445_C001 CFI Retracked Range Flag S_OFFL_SIR_FDM_2_20150831T023303_20150831T023445_C001 CFI Retracked Range Flag S_OFFL_SIR_FDM_2_20150831T024708_20150831T032009_C001 CFI Retracked Range Flag S_OFFL_SIR_FDM_2_20150831T024708_20150831T054935_C001 CFI Retracked Range Flag S_OFFL_SIR_FDM_2_20150831T056331T056331T0564935_C001 CFI Retracked Range Flag S_OFFL_SIR_FDM_2_20150831T056331T056331T0564935_C001 CFI Retracked Range Flag S_OFFL_SIR_FDM_2_20150831T056331T0564935_C001 CFI Retracked Range Flag S_OFFL_SIR_FDM_2_20150831T056243_20150831T0564935_C001 CFI Retracked Range Flag S_OFFL_SIR_FDM_2_20150831T060243_20150831T061916_C001 CFI Retrac	Product	Test Failed	Description
Q. EPFL_SINE_PDML201000011100003_D0000011000000_C001 CPF Helmoloch Range Feg Inclusing in values stored in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store in finite FL at 4 B and 4 El febra del filipola del provide store en concel. 8_0FFL_SIR_FUN2_01000011102000_0000011020000_00001 CPI Relationed Range Feg The matter filipola store and monochi. 8_0FFL_SIR_FUN2_01000011102000_000001104000_00001 CPI Relationed Range Feg The matter filipola store and monochi. 8_0FFL_SIR_FUN2_01000011102000_000001104000_00001 CPI Relationed Range Feg The matter filipola store and monochi. 8_0FFL_SIR_FUN2_01000001106000_00000 CPI Relationed Range Feg The matter filipola store and monochi. 8_0FFL_SIR_FUN2_01000001106000_00000 CPI Relationed Range Feg The matter filipola store and monochi. 8_0FFL_SIR_FUN2_01000001106000_00000 CPI Relationed Range Feg The matter filipola store and monochi.<	S_OFFL_SIR_FDM_220150831T001819_20150831T004420_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
0. OFFL_SRL_FDW_2_20150811T02275_005081T022075_005081T022076_0000 OFI Retroked Range Flag Indicating the values attend in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 specific to value stored in feed X1.3. M + 415 and 416 specific to value stored in feed X1.3. M + 415 and 416 specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and 416 should be specific to value stored in feed X1.3. M + 415 and + 415 and 416 should be specific to value stored in fe	S_OFFL_SIR_FDM_220150831T004935_20150831T005610_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
S., OFFL, SIN_CPUX_2_20150311102128_20150311102128_2001 CPI Retracked Range Flag Including the values based in the SI = M. 4 FI is and FI al hould be proved for the second. S., OFFL_SIN_CPUX_2_20150311102128_20150311102128_2001 CPI Retracked Range Flag The masker failing is at by the CFI call. Store or more records. S., OFFL_SIN_CPUX_2_20150311102103_20150311102128_2001 CPI Retracked Range Flag The masker failing is at by the CFI call. Store or more records. S., OFFL_SIN_CPUX_2_20150311102103_20150311102108_20001 CPI Retracked Range Flag The masker failing is at by the CFI call. Store or more records. S., OFFL_SIN_CPUX_2_20150311102103_20150311102108_20150311001102_01201 CPI Retracked Range Flag The masker failing is at by the CFI call. Store or more records. S., OFFL_SIN_CPUX_2_20150311102108_201500311102108_20150311102108_20150311102108_2015	S_OFFL_SIR_FDM_220150831T022725_20150831T023007_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
B_CPFL_SR_FDM_2_20150811102300_2015081102300_2015081102300_20150811002100_20150_2015081102300_20150811002100_20150811002100_20150811002100_201508110010210_20150811001010_2001 CF1 Retracked Range Flag The master failing a set by the CF1 at, for one rine records, reduced recor	S_OFFL_SIR_FDM_220150831T023129_20150831T023216_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
S, OFF_SIR_FDM_2_20150831T024766_20150831T024766_2015081 CPT Retacket Range Flag Including the value store in fuse #12, #14, #15 and #18 should be graded from a fuse #12, #14, #15 and #18 should be graded for these moords. S, OFFL_SIR_FDM_2_20150831108025, 20150831108025, 20150831108025, 20150831108025, 20150831108025, 20150831108025, 20150831108025, 20150831108025, 20150831108025, 20150831108025, 20150831108025, 201508	S_OFFL_SIR_FDM_220150831T023303_20150831T023445_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
0.FTL_SIR_FDM_2_2015031T051638_0015016243_0015062433_0015062433_001506243_001506243_001506243_001506243_001506243	S_OFFL_SIR_FDM_220150831T024708_20150831T032009_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
S., DFRL_SIR_FDM_2_20150831T080242_00150831T082432_0001 CFI Retracted Range Flag indicating the values at by the CFI call. for one or more records, sporEL_SIR_FDM_2_20150831T082132_0150831T082432_0001 CFI Retracted Range Flag indicating the values at by the CFI call. for one or more records, sporEL_SIR_FDM_2_20150831T082132_0150831T082032_0001 CFI Retracted Range Flag indicating the values at by the CFI call. for one or more records, sporEL_SIR_FDM_2_20150831T082032_00150831T08003_0001 CFI Retracted Range Flag indicating the values at by the CFI call. for one or more records, sporEL_SIR_FDM_2_20150831T08102_00150831T08003_0001 CFI Retracted Range Flag indicating the values at bread in test start indicating thevalues at bread in test start indicating the v	S_OFFL_SIR_FDM_220150831T051638_20150831T054935_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
S., OFFL_SIR_FDM_2_20150831T002415_20150831T003102_C001 CFI Retracked Range Flag indicating the values store in fields #13, #14, #15 and #16 should be spore for these records. S., OFFL_SIR_FDM_2_20150831T002415_20150831T003102_C001 CFI Retracked Range Flag indicating the values store in fields #13, #14, #15 and #16 should be spore for these records. S., OFFL_SIR_FDM_2_20150831T002416_20150831T003052_C001 CFI Retracked Range Flag indicating the values store in fields #13, #14, #15 and #16 should be granted for these records. S., OFFL_SIR_FDM_2_20150831T008732_00150831T008053_C001 CFI Retracked Range Flag indicating the values store in fields #13, #14, #15 and #16 should be granted for these records. S_, OFFL_SIR_FDM_2_20150831T080252_0150831T080418_C001 CFI Retracked Range Flag indicating the values store in fields #13, #14, #15 and #16 should be granted for these records. S_, OFFL_SIR_FDM_2_20150831T080418_C001 CFI Retracked Range Flag indicating the values store in fields #13, #14, #15 and #16 should be granted for these records. S_, OFFL_SIR_FDM_2_20150831T080418_C001 CFI Retracked Range Flag indicating the values store in fields #13, #14, #15 and #16 should be granted for these records. S_, OFFL_SIR_FDM_2_20150831T108252_0150831T108252_0150831T108252_0150831T108252_0150831T108252_0150831T108252_0150831T108252_0150831T108252_0150831T108252_0150831T1182542_001 CFI Retracked Range Flag indicating the values store in fields #13, #14, #15 and #16 should be granted for these re	S_OFFL_SIR_FDM_220150831T060243_20150831T061916_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
S_OFFL_SIR_FDM_2_20150831T08245_20150831T070310_C001 CFI Retracked Range Flag indextra tip the values stored in flets #13, #14, #15 and #16 should be growed for these records. S_OFFL_SIR_FDM_2_20150831T070448_20150831T070355_C001 CFI Retracked Range Flag The master failing is as by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T070448_20150831T080053_C001 CFI Retracked Range Flag The master failing is as by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T080122_0150831T0801732_C001 CFI Retracked Range Flag The master failing is as by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T080122_0150831T080145_C001 CFI Retracked Range Flag The master failing is as by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T080141_20150831T080040_C001 CFI Retracked Range Flag The master failing is as by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T080541_20150831T080540_C001 CFI Retracked Range Flag The master failing is as by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T102323_0150831T103754_C001 CFI Retracked Range Flag The master failing is as by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T112325_20150831T112342_0001 CFI Retracked Range Flag The master failing is as by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T122420_001 <	S_OFFL_SIR_FDM_220150831T062135_20150831T062412_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T08750_20150831T08750_20150831T08750_20150831T08750_20150831T08750_20150831T08750_20150831T08750_20150831T08750_20150831T08750_20150831T08750_20150831T08752_20150831T08754_2001 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 graced for these records. S_OFFL_SIR_FDM_2_20150831T080252_20150831T08754_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 graced for these records. S_OFFL_SIR_FDM_2_20150831T102523_20150831T103754_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 graced for these records. S_OFFL_SIR_FDM_2_20150831T102523_20150831T103574_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 graced for these records. S_OFFL_SIR_FDM_2_20150831T1025420_20150831T1025420_20150831T1025420_20150831T125420_20150831T125420_20150831T125420_20150831T125420_20150831T125420_20150831T125420_20150831T125420_20150831T125420_20150831T125420_20150831T125420_20150831T16455_2001 CF	S_OFFL_SIR_FDM_220150831T062415_20150831T063102_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T074148_20150831T080053_C001 CFI Retracked Range Flag Indicating the values stored in fields 313, 814, 415 and 416 should be granted for these records. S_OFFL_SIR_FDM_2_20150831T080255_20150831T080418_C001 CFI Retracked Range Flag The master fail flag is as by the CFI call. for one or more records. S_OFFL_SIR_FDM_2_20150831T0805122_20150831T080418_C001 CFI Retracked Range Flag Indicating the values stored in fields 313, 814, 415 and 416 should be granted for these records. S_OFFL_SIR_FDM_2_20150831T0805122_20150831T08060_C001 CFI Retracked Range Flag Indicating the values stored in fields 313, 814, 415 and 416 should be granted for these records. S_OFFL_SIR_FDM_2_20150831T080541_20150831T103754_C001 CFI Retracked Range Flag The master fail flag is as by the CFI call. for one or more records. S_OFFL_SIR_FDM_2_20150831T111635_20150831T1113520_C001 CFI Retracked Range Flag The master fail flag is as by the CFI call. for one or more records. S_OFFL_SIR_FDM_2_20150831T121942_C001 CFI Retracked Range Flag The master fail flag is as by the CFI call. for one or more records. S_OFFL_SIR_FDM_2_20150831T121942_C001 CFI Retracked Range Flag The master fail flag is as by the CFI call. for one or more records. S_OFFL_SIR_FDM_2_20150831T12302_20150831T121942_C001 CFI Retracked Range Flag The master fail flag is as by the CFI call. for one or more records. S_OFF	S_OFFL_SIR_FDM_220150831T065730_20150831T070955_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T080255_20150831T090182_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignered for these records. S_OFFL_SIR_FDM_2_20150831T080122_20150831T0900418_C001 CFI Retracked Range Flag The master fail Fag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T080541_20150831T090040_C001 CFI Retracked Range Flag The master fail Fag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T102632_20150831T103754_C001 CFI Retracked Range Flag The master fail Fag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T1102632_20150831T113520_C001 CFI Retracked Range Flag The master fail Fag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T120737_20150831T1212942_C001 CFI Retracked Range Flag The master fail Fag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T126420_20150831T12647_C001 CFI Retracked Range Flag The master fail Fag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T126420_20150831T12647_C001 CFI Retracked Range Flag The master fail Fag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T126420_20150831T126420_20150831T126420_201 CFI Retracked Range Flag The master fail Fag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2	S_OFFL_SIR_FDM_220150831T074148_20150831T080053_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T0805122_20150831T090416_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be gnored for these records. S_OFFL_SIR_FDM_2_20150831T102823_20150831T103754_C001 CFI Retracked Range Flag The master fail Rag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T102823_20150831T103754_C001 CFI Retracked Range Flag The master fail Rag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T1102737_20150831T113025_0001 CFI Retracked Range Flag The master fail Rag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T120737_20150831T121942_C001 CFI Retracked Range Flag The master fail Rag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T12942_C001 CFI Retracked Range Flag The master fail Rag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T125417_C001 CFI Retracked Range Flag The master fail Rag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T125412_C001 CFI Retracked Range Flag The master fail Rag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T125412_C001 CFI Retracked Range Flag The master fail Rag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T1025420_20150831T1131445_C001 CFI Retracked Range Fla	S_OFFL_SIR_FDM_220150831T080255_20150831T081732_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T090541_20150831T090500_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be gonored for these records. S_OFFL_SIR_FDM_2_20150831T102823_20150831T103754_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be gonored for these records. S_OFFL_SIR_FDM_2_20150831T1103520_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be gonored for these records. S_OFFL_SIR_FDM_2_20150831T120737_20150831T12942_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be gonored for these records. S_OFFL_SIR_FDM_2_20150831T123425_20150831T125417_C001 CFI Retracked Range Flag The master fail flag is set by the CFI cail, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be gonored for these records. S_OFFL_SIR_FDM_2_20150831T125402_0150831T125402_C001 CFI Retracked Range Flag The master fail flag is set by the CFI cail, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be gonored for these records. S_OFFL_SIR_FDM_2_20150831T125402_0150831T184062_C001 CFI Retracked Range Flag The master fail flag is set by the CFI cail, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be gonored for these records. S_OFFL_SIR_FDM_2_20150831T184032_0150831T184062_C001 CFI Retracked Range Flag The master fail flag is set	S_OFFL_SIR_FDM_220150831T085122_20150831T090418_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T102764_0001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T111835_20150831T1118520_0001 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. S_OFFL_SIR_FDM_2_20150831T120325_20150831T125417_0001 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. S_OFFL_SIR_FDM_2_20150831T125420_20150831T125417_0001 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. S_OFFL_SIR_FDM_2_20150831T125420_20150831T126420_2001 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. S_OFFL_SIR_FDM_2_20150831T13114402_0001 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. S_OFFL_SIR_FDM_2_20150831T162031T184003_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	S_OFFL_SIR_FDM_220150831T090541_20150831T090800_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T111852_005031T113520_0001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T120737_20150831T121942_0001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T120325_0150831T125417_0001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records. S_OFFL_SIR_FDM_2_20150831T125420_20150831T131445_0001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T13262_0150831T131445_0001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T133126_20150831T13146429_0001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T18402_0010 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T18402_0001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T18443_0150831T184402_0001 CFI Retracked Range Flag The master fail flag is set b	S_OFFL_SIR_FDM_220150831T102823_20150831T103754_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T120737_20150831T121942_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records. S_OFFL_SIR_FDM_2_20150831T123925_20150831T125417_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. S_OFFL_SIR_FDM_2_20150831T125420_20150831T131445_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. S_OFFL_SIR_FDM_2_20150831T133126_20150831T140429_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. S_OFFL_SIR_FDM_2_20150831T1840429_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. S_OFFL_SIR_FDM_2_20150831T182018_20150831T184402_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. S_OFFL_SIR_FDM_2_20150831T1820412_20150831T184402_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	S_OFFL_SIR_FDM_220150831T111635_20150831T113520_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T123925_20150831T125417_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T125420_20150831T131445_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. S_OFFL_SIR_FDM_2_20150831T133126_20150831T140429_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. S_OFFL_SIR_FDM_2_20150831T174419_20150831T181003_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. S_OFFL_SIR_FDM_2_20150831T182018_20150831T184002_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. S_OFFL_SIR_FDM_2_20150831T184433_20150831T184553_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. S_OFFL_SIR_FDM_2_20150831T200401_20150831T204212_20150831T204212_20150831T20421_20150831T20421_20150831T20421_20150831T20421_20150831T20421_20150831T20421_20150831T20421_20150831T20421_20150831T20421_20150831T20421_2015	S_OFFL_SIR_FDM_220150831T120737_20150831T121942_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T125420_20150831T131445_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T133126_20150831T140429_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. S_OFFL_SIR_FDM_2_20150831T174419_20150831T181003_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. S_OFFL_SIR_FDM_2_20150831T182918_20150831T184002_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. S_OFFL_SIR_FDM_2_20150831T182918_20150831T184503_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. S_OFFL_SIR_FDM_2_20150831T200812_20150831T202222_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. S_OFFL_SIR_FDM_2_20150831T202401_20150831T204019_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 #	S_OFFL_SIR_FDM_220150831T123925_20150831T125417_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T133126_20150831T140429_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T174419_20150831T181003_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T182918_20150831T184402_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T184433_20150831T1844553_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T184433_20150831T184553_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. S_OFFL_SIR_FDM_2_20150831T200812_20150831T202222_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. S_OFFL_SIR_FDM_2_20150831T202401_20150831T204019_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. S_OFFL_SIR_FDM_2_20150831T205750_20150831T2014019_C001 CFI Retracked Range Flag The mas	S_OFFL_SIR_FDM_220150831T125420_20150831T131445_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T174419_20150831T181003_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T182918_20150831T184402_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T184433_20150831T184553_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. S_OFFL_SIR_FDM_2_20150831T184433_20150831T184553_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. S_OFFL_SIR_FDM_2_20150831T200812_20150831T202222_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. S_OFFL_SIR_FDM_2_20150831T20401_20150831T204019_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. S_OFFL_SIR_FDM_2_20150831T20401_20150831T204019_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.	S_OFFL_SIR_FDM_220150831T133126_20150831T140429_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T182918_20150831T184402_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T184433_20150831T184553_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T200812_20150831T202222_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. S_OFFL_SIR_FDM_2_20150831T200812_20150831T202222_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. S_OFFL_SIR_FDM_2_20150831T202401_20150831T204019_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. S_OFFL_SIR_FDM_2_20150831T205750_20150831T211142_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. S_OFFL_SIR_FDM_2_20150831T205750_20150831T224322_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. <td>S_OFFL_SIR_FDM_220150831T174419_20150831T181003_C001</td> <td>CFI Retracked Range Flag</td> <td>indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.</td>	S_OFFL_SIR_FDM_220150831T174419_20150831T181003_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T184433_20150831T184553_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T200812_20150831T202222_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. S_OFFL_SIR_FDM_2_20150831T202401_20150831T204019_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. S_OFFL_SIR_FDM_2_20150831T205750_20150831T211142_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. S_OFFL_SIR_FDM_2_20150831T205750_20150831T211142_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. S_OFFL_SIR_FDM_2_20150831T223624_20150831T224322_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. S_OFFL_SIR_FDM_2_20150831T224541_20150831T224322_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 #	S_OFFL_SIR_FDM_220150831T182918_20150831T184402_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T202812_20150831T202222_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T202401_20150831T204019_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. S_OFFL_SIR_FDM_2_20150831T205750_20150831T211142_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. S_OFFL_SIR_FDM_2_20150831T223624_20150831T224322_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. S_OFFL_SIR_FDM_2_20150831T223624_20150831T224322_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. S_OFFL_SIR_FDM_2_20150831T224541_20150831T22452_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. S_OFFL_SIR_FDM_2_20150831T224541_20150831T225512_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 #1	S_OFFL_SIR_FDM_220150831T184433_20150831T184553_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T202401_20150831T204019_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T205750_20150831T211142_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. S_OFFL_SIR_FDM_2_20150831T223624_20150831T224322_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. S_OFFL_SIR_FDM_2_20150831T223624_20150831T224322_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. S_OFFL_SIR_FDM_2_20150831T224541_20150831T225512_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. S_OFFL_SIR_FDM_2_20150831T224541_20150831T225512_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.	S_OFFL_SIR_FDM_220150831T200812_20150831T202222_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_2_20150831T205750_20150831T211142_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T223624_20150831T224322_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. S_OFFL_SIR_FDM_2_20150831T223624_20150831T224322_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. S_OFFL_SIR_FDM_2_20150831T224541_20150831T225512_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.	S_OFFL_SIR_FDM_220150831T202401_20150831T204019_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
S_OFFL_SIR_FDM_2_20150831T223624_20150831T224322_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. S_OFFL_SIR_FDM_2_20150831T224541_20150831T225512_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.	S_OFFL_SIR_FDM_220150831T205750_20150831T211142_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S_OFFL_SIR_FDM_220150831T224541_20150831T225512_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be	S_OFFL_SIR_FDM_220150831T223624_20150831T224322_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
	S_OFFL_SIR_FDM_220150831T224541_20150831T225512_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_220150831T001819_20150831T004420_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_220150831T004935_20150831T005610_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_220150831T022725_20150831T023007_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_220150831T023129_20150831T023216_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_220150831T023303_20150831T023445_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_220150831T024708_20150831T032009_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_220150831T051638_20150831T054935_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_220150831T060243_20150831T061916_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_220150831T062135_20150831T062412_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_220150831T062415_20150831T063102_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_220150831T065730_20150831T070955_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_220150831T074148_20150831T080053_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_220150831T080255_20150831T081732_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_220150831T085122_20150831T090418_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_220150831T090541_20150831T090800_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_220150831T102823_20150831T103754_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_220150831T111635_20150831T113520_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_220150831T120737_20150831T121942_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_220150831T123925_20150831T125417_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_220150831T125420_20150831T131445_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_220150831T133126_20150831T140429_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_220150831T174419_20150831T181003_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_220150831T182918_20150831T184402_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_220150831T184433_20150831T184553_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_220150831T200812_20150831T202222_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_220150831T202401_20150831T204019_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_220150831T205750_20150831T211142_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_220150831T223624_20150831T224322_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_220150831T224541_20150831T225512_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

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. 45

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220150831T001819_20150831T004420_C001		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_220150831T004935_20150831T005610_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFL Ocean Retracker was not successfully executed for one or more records.

CS_OFFL_SIR_FDM_2__20150831T021622_20150831T022312_C001 CS_OFFL_SIR_EDM_2__20150831T022725_20150831T023007_C001 CS_OFFL_SIR_FDM_2__20150831T023129_20150831T023216_C001 CS_OFFL_SIR_FDM_2__20150831T023303_20150831T023445_C001 CS OFFL SIR FDM 2 20150831T024708 20150831T032009 C001 CS_OFFL_SIR_FDM_2__20150831T042402_20150831T045426_C001 CS_OFFL_SIR_FDM_2__20150831T045437_20150831T045906_C001 CS OFFL SIR FDM 2 20150831T051638 20150831T054935 C001 CS_OFFL_SIR_FDM_2__20150831T060243_20150831T061916_C001 CS_OFFL_SIR_FDM_2__20150831T062135_20150831T062412_C001 CS OFFL SIR FDM 2 20150831T062415 20150831T063102 C001 CS_OFFL_SIR_FDM_2__20150831T063105_20150831T063830_C001 CS OFFL SIR FDM 2 20150831T065730 20150831T070955 C001 CS_OFFL_SIR_FDM_2__20150831T074148_20150831T080053_C001 CS_OFFL_SIR_FDM_2__20150831T080255_20150831T081732_C001 CS OFFL SIR FDM 2 20150831T085122 20150831T090418 C001 CS OFFL SIR FDM 2 20150831T090541 20150831T090800 C001 CS_OFFL_SIR_FDM_2__20150831T102823_20150831T103754_C001 CS OFFL SIR FDM 2 20150831T111635 20150831T113520 C001 CS_OFFL_SIR_FDM_2__20150831T120737_20150831T121942_C001 CS_OFFL_SIR_FDM_2__20150831T123925_20150831T125417_C001 CS_OFFL_SIR_FDM_2__20150831T125420_20150831T131445_C001 CS_OFFL_SIR_FDM_2__20150831T133126_20150831T140429_C001 CS OFFL SIR FDM 2 20150831T141555 20150831T142323 C001 CS_OFFL_SIR_FDM_2__20150831T142641_20150831T143721_C001 CS OFFL SIR FDM 2 20150831T151033 20150831T153134 C001 CS_OFFL_SIR_FDM_2__20150831T153419_20150831T154544_C001 CS_OFFL_SIR_FDM_2__20150831T160650_20150831T163218_C001 CS_OFFL_SIR_FDM_2__20150831T164938_20150831T172539_C001 CS OFFL SIR FDM 2 20150831T174419 20150831T181003 C001 CS_OFFL_SIR_FDM_2__20150831T182918_20150831T184402_C001 CS_OFFL_SIR_FDM_2__20150831T184433_20150831T184553_C001 CS OFFL SIR FDM 2 20150831T185034 20150831T190448 C001 CS_OFFL_SIR_FDM_2__20150831T191848_20150831T193433_C001 CS_OFFL_SIR_FDM_2__20150831T193647_20150831T195105_C001 CS OFFL SIR FDM 2 20150831T200812 20150831T202222 C001 CS_OFFL_SIR_FDM_2__20150831T202401_20150831T204019_C001 CS_OFFL_SIR_FDM_2__20150831T205750_20150831T211142_C001 CS OFFL SIR FDM 2 20150831T211833 20150831T213205 C001 CS_OFFL_SIR_FDM_2__20150831T214811_20150831T220957_C001 CS_OFFL_SIR_FDM_2__20150831T223624_20150831T224322_C001 CS OFFL SIR FDM 2 20150831T224541 20150831T225512 C001 CS_OFFL_SIR_FDM_2__20150831T232756_20150831T235056_C001 Ocean Retracking Quality Flag Ocean Retracking Quality Flag

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