

Report Production Date:

Processor Used:

Data Used:

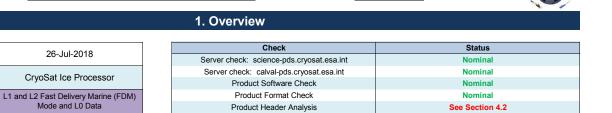
# IDEAS+ Daily Report for FDM data:

26-Jul-2018

# 25/07/2018

ee Section 4.2

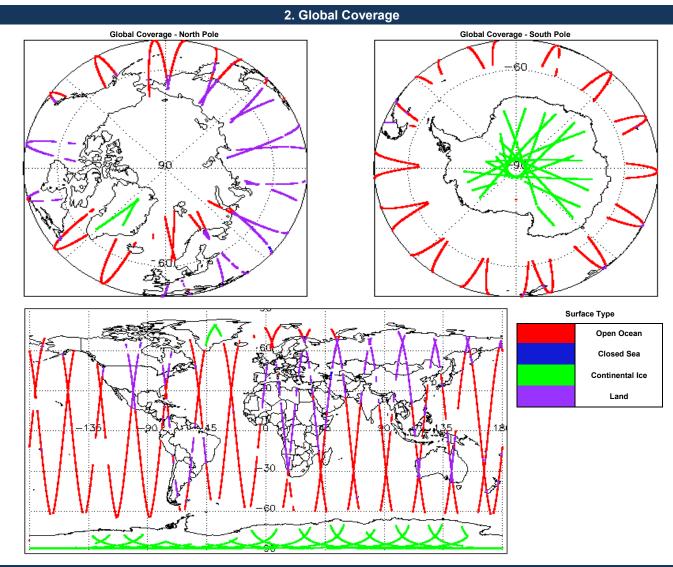
See Section 5.3



		Calibration Usage Check	Nominal
		Auxiliary Data File Usage Check	Nominal
		Auxiliary Correction Error Check	See Section 6.4
		Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8
Mission / Instr	ument News		
24-Jul-2018	None		
25-Jul-2018	None		
26-Jul-2018	Nothing planned		

Product Header Analysis

Star Tracker Usage Check



## 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 Analys	sis
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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.

7

Number of	products with errors:

Product	Test Failed
CS_OPER_SIR1SAR_020180725T020554_20180725T021035_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_0_20180725T082500_20180725T082520_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_0_20180725T164829_20180725T164951_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_0_20180725T082741_20180725T082808_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_0_20180725T200020_20180725T200909_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_0_20180725T091537_20180725T091651_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020180725T101432_20180725T101448_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: 0			
5.2 L1B FDM Product Header Analysis			
For all products, a series of pre-defined checks are carried out	on the MPH and SPH	I in order to identify any inconsistencies ar	nd/or errors raised by the ground-segment processing chain.
Number of products with errors: 0			
5.3 L1B FDM Star Tracker Usage Check			
Each product is checked in order to ensure a valid star tracker	file has been used in	processing.	
Number of products with errors: 2			
Product		Test Failed	
CS_OFFL_SIR_FDM_1B_20180725T194525_20180725T1948	831_C001	No Star Tracker file used in the p	processing of this product
CS_OFFL_SIR_FDM_1B_20180725T212451_20180725T2125	549_C001	No Star Tracker file used in the p	rocessing of this product
5.4 L1B FDM Calibration Usage Check         Each product is checked in order to ensure the necessary calibration         Number of products with errors:       0	pration files have beer	n used in processing.	
5.5 L1B FDM Auxilary Data File Usage Cho	eck		
Each product is checked for missing Data Set Descriptors with	respect to a pre-dete	rmined baseline and also to check the vali	idity of Auxiliary Data Files is correct.
Number of products with errors: 0			
5.6 L1B FDM Auxiliary Correction Error Cl	heck		
CryoSat L1B data includes a correction error flag (field 54) for a	each measurement re	cord. The bit value of this flag indicates ar	ny problems when set.
Number of products with errors: 0			
5.7 L1B FDM Measurement Confidence Da	ata Check		
CryoSat L1B data includes a measurement confidence flag (fie	eld 18) for each measu	urement record. The bit value of this flag ir	dicates any problems when set.
Number of products with errors: 3			
Product		Test Failed	Description
00 0FEL OID FDM 4D 0010070FT4040F4 0010070FT40F		E 1	The tracking echo has returned an error and the Rx1 Echo Error flag is se

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20180725T164951_20180725T165701_C001	Echo error IRK 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_20180725T194525_20180725T194831_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20180725T212451_20180725T212549_C001	Attitude correction missing	The attitude has not been corrected

## 6. Level 2 FDM Data Quality Check

#### 6.1 L2 FDM Product Format Check

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

Number of products with errors:

#### 6.2 L2 FDM Product Header Analysis

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

### 6.3 L2 FDM Auxiliary Data File Usage Check

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

#### 6.4 L2 FDM Auxiliary Correction Error Check

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

0

Product	
CS_OFFL_SIR_FDM_2	20180725T001250_20180725T004810_C001
CS_OFFL_SIR_FDM_2	20180725T010522_20180725T013136_C001
CS_OFFL_SIR_FDM_2	20180725T013151_20180725T013909_C001
CS_OFFL_SIR_FDM_2	20180725T015123_20180725T020554_C001
CS_OFFL_SIR_FDM_2	20180725T021036_20180725T021200_C001
CS_OFFL_SIR_FDM_2	20180725T021203_20180725T022737_C001
CS_OFFL_SIR_FDM_2	20180725T030109_20180725T031823_C001
CS_OFFL_SIR_FDM_2	20180725T031843_20180725T031903_C001
CS_OFFL_SIR_FDM_2	20180725T034027_20180725T034959_C001
CS_OFFL_SIR_FDM_2	20180725T035050_20180725T035055_C001
CS_OFFL_SIR_FDM_2	20180725T035234_20180725T040628_C001
CS_OFFL_SIR_FDM_2	20180725T043300_20180725T043441_C001
CS_OFFL_SIR_FDM_2	20180725T044022_20180725T044446_C001
CS_OFFL_SIR_FDM_2	20180725T044609_20180725T045300_C001
CS_OFFL_SIR_FDM_2	20180725T052916_20180725T054522_C001
CS_OFFL_SIR_FDM_2	20180725T070021_20180725T072429_C001
CS_OFFL_SIR_FDM_2	20180725T074011_20180725T075100_C001
CS_OFFL_SIR_FDM_2	20180725T082808_20180725T083432_C001
CS_OFFL_SIR_FDM_2	20180725T083524_20180725T090404_C001
CS_OFFL_SIR_FDM_2	20180725T092027_20180725T095306_C001
CS_OFFL_SIR_FDM_2	20180725T100727_20180725T100820_C001
CS_OFFL_SIR_FDM_2	20180725T105926_20180725T112036_C001
CS_OFFL_SIR_FDM_2	20180725T112321_20180725T113459_C001
CS_OFFL_SIR_FDM_2	20180725T115417_20180725T115502_C001
CS_OFFL_SIR_FDM_2	20180725T123840_20180725T124318_C001
CS_OFFL_SIR_FDM_2	20180725T124327_20180725T131501_C001
CS_OFFL_SIR_FDM_2	20180725T141801_20180725T143343_C001
CS_OFFL_SIR_FDM_2	20180725T143346_20180725T143454_C001
CS_OFFL_SIR_FDM_2	20180725T143723_20180725T144624_C001
CS_OFFL_SIR_FDM_2	20180725T155723_20180725T161122_C001
CS_OFFL_SIR_FDM_2	20180725T161302_20180725T162821_C001
CS_OFFL_SIR_FDM_2	20180725T164951_20180725T165701_C001
CS_OFFL_SIR_FDM_2	20180725T165823_20180725T170314_C001
CS_OFFL_SIR_FDM_2	20180725T170536_20180725T172120_C001
CS_OFFL_SIR_FDM_2	20180725T173704_20180725T175831_C001
	20180725T181113_20180725T181218_C001
	20180725T191639_20180725T194015_C001
	20180725T194831_20180725T195205_C001
	20180725T200909_20180725T202329_C001
	20180725T202906_20180725T203857_C001
	20180725T205510_20180725T211326_C001
	20180725T211518_20180725T212038_C001
	20180725T213124_20180725T213250_C001
	20180725T214448_20180725T221817_C001
CS_OFFL_SIR_FDM_2_	20180725T233623_20180725T235736_C001

1			
Test Failed	- mastic m	Altimotria	Description
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Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed		••••	Correction for
Sea State Bias C Wind Speed	orrection,	Altimetric	There is an e Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed			Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed Sea State Bias C	orrection.	Altimetric	Correction for There is an e
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Sea State Bias C	orrection,	Altimetric	There is an e
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Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed Sea State Bias C	orrection	Altimetric	Correction for There is an e
Wind Speed	oncotion,	/ dametrio	Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed			Correction for There is an e
Sea State Bias C	orrection		records
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed	orrection	Altimotrio	Correction for
Sea State Bias C Wind Speed	onection,	Allimetric	There is an e Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed			Correction for
Sea State Bias C	orrection		There is an e records
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed			Correction for
Sea State Bias C Wind Speed	orrection,	Altimetric	There is an e Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed			Correction for
Sea State Bias C Wind Speed	orrection,	Altimetric	There is an e Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed			Correction for
Sea State Bias C	orrection		There is an e records
Sea State Bias C	orrection.	Altimetric	There is an e
Wind Speed			Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed Sea State Bias C	orrection.	Altimetric	Correction for There is an e
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Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed Sea State Bias C	orrection.	Altimetric	Correction for There is an e
Wind Speed	,		Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
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Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed Sea State Bias C	orrection	Altimetric	Correction for There is an e
Wind Speed	oncetion,	Alumente	Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed Sea State Bias C	orraction	Altimotric	Correction for There is an e
Wind Speed	onection,	Alumente	Correction for
Sea State Bias C	orrection		There is an e
			records There is an e
Sea State Bias C	orrection		records
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed Sea State Bias C	orraction	Altimotrio	Correction for There is an e
Wind Speed	onection,	Alumetric	Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed	- mastic -	Altimotein	Correction for
Sea State Bias C Wind Speed	onection,	Alumetric	There is an e Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed	orreation	Altimetric	Correction for
Sea State Bias C Wind Speed	orrection,	Alumetric	There is an e Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed	anna - 11	A liting a full a	Correction for
Sea State Bias C Wind Speed	orrection,	Altimetric	There is an e Correction for
Sea State Bias C	orrection,	Altimetric	There is an e
Wind Speed		A 14:	Correction for
Sea State Bias C Wind Speed	orrection,	Altimetric	There is an e Correction for

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

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There is an error with the Altimetric Wind Speed and Sea State Bias

## 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: 3		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180725T164951_20180725T165701_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded
CS_OFFL_SIR_FDM_220180725T194525_20180725T194831_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220180725T212451_20180725T212549_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.

20, 01FL_3RE_FOAL20180725103120_2018725103120_0001       C1 Intersete Range Fag       The meater Range Fag       T	Number of products with errors: 31		
SQ, OFF, SK, FUM Z. 2008/2210302.2008/2210303.0001         CI Resceed Range Flag         Indecage the solid state state of the left of 1. ALL for any refer to obtain the solid state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state state of the left of 1. ALL for any refer to obtain the solid state state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state state of the left of 1. ALL for any refer to obtain the solid state state of the left of 1. ALL for any refer to obtain the solid state state state of the left of 1. ALL for any refer to obtain the solid state sta	Product	Test Failed	
02, 07F _01 _01 _01 _01 _01 _01 _01 _01 _01 _01	CS_OFFL_SIR_FDM_220180725T001250_20180725T004810_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
BC, PH, SH, PHM 2         2008022511010122, 2018022511022024, 2000         CPI Reinbed Rwgs Fig         matcasing Revisites Storm In the FIG. H of the Store Internet Store Store Store Internet Store Sto	CS_OFFL_SIR_FDM_220180725T010522_20180725T013136_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
Bit         CHI         Exercised Hange Freg         Instance Provide Control Intel 31 (a, b, f)         Exercised Hange Freg           Bit         CHI         Exercised Hange Freg         Instance Provide Control Intel 31 (a, b, f)         Exercised Hange Freg           Bit         CHI         Exercised Hange Freg         Instance Provide Transmission (Bit Bit B) (B) (B) (B) (B) (B) (B) (B) (B) (B)	CS_OFFL_SIR_FDM_220180725T015123_20180725T020554_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
BS_CHF_UNC_TOND005757000_005757700460_00575770460_0001         CH Retraded Range Fig         Inclusion on this H J, H S and H S Inclusion D S	CS_OFFL_SIR_FDM_220180725T021036_20180725T021200_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
S2, OFT_BR_FDM_2_2018022103102_01841_20180221031842_0189     CFI Retracted Range Flag     Indexing the wake-stood in Retract.       S2, OFT_BR_FDM_2_20180221031841_20180221031842_0189     CFI Retracted Range Flag     Interact in large set by the CFI call, for one on race secold.       S3, OFT_BR_FDM_2_20180221031841_20180221031842_0189     CFI Retracted Range Flag     The master in large set by the CFI call, for one on race secold.       S3, OFT_BR_FDM_2_20180221031841_2018022_0180225104500_0001     CFI Retracted Range Flag     The master in large set by the CFI call, for one on race secold.       S3, OFT_BR_FDM_2_20180225104500_0101     CFI Retracted Range Flag     The master in large set by the CFI call, for one on race secold.       S3, OFT_BR_FDM_2_20180225104500_0101     CFI Retracted Range Flag     The master in large set by the CFI call, for one on race secold.       S3, OFT_BR_FDM_2_20180225104500_0101     CFI Retracted Range Flag     The master in large set by the CFI call, for one on race secold.       S3, OFT_BR_FDM_2_20180225104500_01001     CFI Retracted Range Flag     The master in large set by the CFI call, for one on race secold.       S3, OFT_BR_FDM_2_20180225104500_01001     CFI Retracted Range Flag     The master in large set by the CFI call, for one on race secold.       S3, OFT_BR_FDM_2_20180225104500_01001     CFI Retracted Range Flag     The master in large set by the CFI call, for one on race secold.       S3, OFT_BR_FDM_2_20180225104500_01001     CFI Retracted Range Flag     The master in large set by the CFI call, for one on race secold.	CS_OFFL_SIR_FDM_220180725T021203_20180725T022737_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
DSL_DEFL_BR_UPUL_2_0100725103402_0300227034802_0001         CFI Remoded Range Flag         Industry the values stored in facts of the disk of the	CS_OFFL_SIR_FDM_220180725T030109_20180725T031823_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
S2, GFL_SIR_FOM_2_D1007257034007_2010007257034000_D001         GFI Remacked Range Fag         Indicating the values stored in titles #13. #14. #15 and #10 should be provide forme are not not to provide forme are not not to provide forme are not not not to provide forme are not not not to provide forme are not	CS_OFFL_SIR_FDM_220180725T031843_20180725T031903_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
SJ, OFTL_SIR_FDM_2_201407257033234_201407257034082_0001     CFI Retracked Range Flag     Indicating the value stored.       SJ, OFFL_SIR_FDM_2_201407257044083_001607257044083_001601     CFI Retracked Range Flag     The masker flag is set U retracker of notes in the set of the	CS_OFFL_SIR_FDM_220180725T034027_20180725T034959_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
CS, OFFL_SIR, FDM_2_20180725104430_20190725104302_C001         CFI Retracted Range Flag         indicating the values action in holes #13, #14, #15 and #15 and #16 and be growthere records.           CSI, OFFL_SIR, FDM_2_20180725108324_20180725108432_C001         CFI Retracted Range Flag         The master fail fag a set by the CFI call, for one or more records.           CSI, OFFL_SIR, FDM_2_20180725108324_20180725108432_C001         CFI Retracted Range Flag         The master fail fag a set by the CFI call, for one or more records.           CSI, OFFL_SIR, FDM_2_201807251082027_201807251080404_C001         CFI Retracted Range Flag         The master fail fag a set by the CFI call, for one or more records.           CSI, OFFL_SIR, FDM_2_201807251108027_201807251108202_001         CFI Retracted Range Flag         The master fail fag a set by the CFI call, for one or more records.           CSI, OFFL_SIR, FDM_2_201807251108272_0180725110820_2001         CFI Retracted Range Flag         The master fail fag a set by the CFI call, for one or more records.           CSI, OFFL_SIR, FDM_2_201807251114201_201807251114261_0001         CFI Retracted Range Flag         The master fail fag a set by the CFI call, for one or more records.           CSI, OFFL_SIR, FDM_2_201807251114201_20180725114261_0001         CFI Retracted Range Flag         The master fail fag a set by the CFI call, for one or more records.           CSI, OFFL_SIR, FDM_2_20180725114261_0001         CFI Retracted Range Flag         The master fail fag a set by the CFI call, for one or more records.           CSI, OFFL_SIR, FDM_2_20180725114261_	CS_OFFL_SIR_FDM_220180725T035234_20180725T040628_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be
SS_0FFL_SIR_FDM_2_201807257083432_C001         CFI Retracked Range Feg         indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_0FFL_SIR_FDM_2_20180725700324_201807257003404_C001         CFI Retracked Range Feg         The master failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_0FFL_SIR_FDM_2_201807257100227_201807257100820_C001         CFI Retracked Range Feg         The master failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_0FFL_SIR_FDM_2_201807257110221_2018072571103820_C001         CFI Retracked Range Feg         The master failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_0FFL_SIR_FDM_2_2018072571103820_C001         CFI Retracked Range Feg         The master failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_0FFL_SIR_FDM_2_201807257114345_C001         CFI Retracked Range Feg         The master failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_0FFL_SIR_FDM_2_201807257114346_C001         CFI Retracked Range Feg         The master failing is set by the CFI call, for one or more records, indicating the values storde in fields #13, #14, #15 and #16 should be growed for these r	CS_OFFL_SIR_FDM_220180725T044609_20180725T045300_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
DSDFIL_SIR_FDM_2_201807251035324_201807251035306_0001         CFI Retracked Range Flag         inclumit the values accord in feats #13, #14, #15 and #16 antuck be growed for frase records.           CSOFFL_SIR_FDM_2_20180725100227_201807251003200_0001         CFI Retracked Range Flag         The master fail ag is set by the CFI call, for one or more records, inclumit the values stored in feats #13, #14, #15 and #16 antuck be growed for frase records.           CSOFFL_SIR_FDM_2_201807251102727_20180725110320_0001         CFI Retracked Range Flag         The master fail ag is set by the CFI call, for one or more records, inclumit the values stored in feats #13, #14, #15 and #16 antuck be growed for frase records.           CSOFFL_SIR_FDM_2_201807251113459_0001         CFI Retracked Range Flag         The master fail ag is set by the CFI call, for one or more records, including the values stored in fields #13, #14, #15 and #16 antuck be growed for frase records.           CSOFFL_SIR_FDM_2_201807251113459_0001         CFI Retracked Range Flag         The master fail ag is set by the CFI call, for one or more records, including the values stored in fields #13, #14, #15 and #16 antuck be growed for frase records.           CSOFFL_SIR_FDM_2_201807251143340_0001         CFI Retracked Range Flag         The master fail ag is set by the CFI call, for one or more records, including the values stored in fields #13, #14, #15 and #16 antuck be growed for frase records.           CSOFFL_SIR_FDM_2_201807251143340_00100         CFI Retracked Range Flag         The master fail ag is set by the CFI call, for one or more records, including the values store in fields #13, #14, #15 and #16 antuck be growed for frase rec	CS_OFFL_SIR_FDM_220180725T082808_20180725T083432_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CFI_USR_FDM_2_20180725108207_2018072510820_C001         CFI Retracked Range Flag         Indicating for values stored in fields #13, #14, #15 and #16 should be ignored for these records.           DS_OFFL_SIR_FDM_2_20180725110227_20180725110820_C001         CFI Retracked Range Flag         Indicating for values stored in fields #13, #14, #15 and #16 should be ignored for these records.           DS_OFFL_SIR_FDM_2_201807251112321_201807251118409_C001         CFI Retracked Range Flag         Indicating for values stored in fields #13, #14, #15 and #16 should be ignored for these records.           DS_OFFL_SIR_FDM_2_201807251112321_201807251118409_C001         CFI Retracked Range Flag         Indicating fields is set by the CFI cal, for one or more records.           DS_OFFL_SIR_FDM_2_20180725112340_201807251143405_C001         CFI Retracked Range Flag         Indicating fields is set by the CFI cal, for one or more records.           DS_OFFL_SIR_FDM_2_201807251143405_C001         CFI Retracked Range Flag         Indicating fields is set by the CFI cal, for one or more records.           DS_OFFL_SIR_FDM_2_201807251143405_C001         CFI Retracked Range Flag         Indicating fields is set by the CFI cal, for one or more records.           DS_OFFL_SIR_FDM_2_201807251143406_C01807251143446_C001         CFI Retracked Range Flag         Indicating fields is set by the CFI cal, for one or more records.           DS_OFFL_SIR_FDM_2_20180725115723_20180725116122_C001         CFI Retracked Range Flag         Indicating fields is set by the CFI cal, for one or more records.           DS_OFFL_SIR_FDM_2_201807251	CS_OFFL_SIR_FDM_220180725T083524_20180725T090404_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
S3_0FFL_SIR_FDM_2_20180725T10232_0180725T10880_0001       CFI Retracked Range Flag       Indicating the values stored in fields #13, #14, #16 and #16 should be ignore for these records.         DS3_0FFL_SIR_FDM_2_20180725T112321_001802C5T1113450_0001       CFI Retracked Range Flag       The masker failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignore for these records.         DS3_0FFL_SIR_FDM_2_20180725T112340_02169725T114500_0001       CFI Retracked Range Flag       The masker failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignore for these records.         DS3_0FFL_SIR_FDM_2_20180725T124318_0001       CFI Retracked Range Flag       The masker failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignore for these records.         DS3_0FFL_SIR_FDM_2_20180725T143346_00180725T143345_0001       CFI Retracked Range Flag       The masker failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignore for these records.         DS3_0FFL_SIR_FDM_2_20180725T143346_0180725T143645_0001       CFI Retracked Range Flag       The masker failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #16 and #16 should be ignore for these records.         DS3_0FFL_SIR_FDM_2_20180725T16320_20180725T164262_0001       CFI Retracked Range Flag       The masker failing is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #16 and #16 shou	CS_OFFL_SIR_FDM_220180725T092027_20180725T095306_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_20180725T112321_20180725T113459_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_20180725T115417_20180725T112330_C001         CFI Retracked Range Flag         The master failing is set by the CFI cal, 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_20180725T123340_20180725T123343_C001         CFI Retracked Range Flag         The master failing is set by the CFI cal, 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_20180725T143343_C001         CFI Retracked Range Flag         The master failing is set by the CFI cal, 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_20180725T143342_0180725T143454_C001         CFI Retracked Range Flag         The master failing is set by the CFI cal, for one rome records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.           CS_OFFL_SIR_FDM 2_20180725T143723_20180725T16422_C001         CFI Retracked Range Flag         The master failing is set by the CFI cal, for one rome records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.           CS_OFFL_SIR_FDM 2_20180725T16422_001         CFI Retracked Range Flag         The master failing is set by the CFI cal, for one rome records, indicating the values stored in fields #13, #14, #15 and #16 sho	CS_OFFL_SIR_FDM_220180725T100727_20180725T100820_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_20180725T115417_20180725T115417_20180725T1124318_C001       CFI Retracked Range Flag       indicating the values stored in flots #13, #14, #15 and #16 should be growed for these records.         CS_OFFL_SIR_FDM_2_20180725T124340_20180725T124318_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 flots #13, #14, #15 and #16 should be growed for these records.         CS_OFFL_SIR_FDM_2_20180725T143346_20180725T143345_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 flots #13, #14, #15 and #16 should be growed for these records.         CS_OFFL_SIR_FDM_2_20180725T143346_20180725T143454_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 flots #13, #14, #15 and #16 should be growed for these records.         CS_OFFL_SIR_FDM_2_20180725T143723_20180725T144624_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_20180725T163102_20180725T16422_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_20180725T164951_20180725T16322_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_20180725T164951_20180725T163202_C001       CFI Retracked Range Flag       The master fail flag is set by the CFI call, for one or more records.	CS_OFFL_SIR_FDM_220180725T112321_20180725T113459_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_20180725T123840_20180725T123816_20180725T143343_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_20180725T141801_20180725T143343_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_20180725T143346_20180725T143464_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_20180725T143723_20180725T144024_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_20180725T163723_20180725T16122_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_20180725T164951_20180725T164921_20180725T181218_C001         CFI Retracked Range Flag         The master fail flag is set by the CFI	CS_OFFL_SIR_FDM_220180725T115417_20180725T115502_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_20180725T14304_020180725T143343_C001       CFI Retracked Range Flag       indicating the values stored in fields #13, #14, #15 and #16 should be groored for these records.         CS_OFFL_SIR_FDM_2_20180725T143346_020180725T143345_C001       CFI Retracked Range Flag       indicating the values stored in fields #13, #14, #15 and #16 should be groored for these records.         CS_OFFL_SIR_FDM_2_20180725T143723_20180725T144624_C001       CFI Retracked Range Flag       indicating the values stored in fields #13, #14, #15 and #16 should be groored for these records.         CS_OFFL_SIR_FDM_2_20180725T161722_0180725T161122_C001       CFI Retracked Range Flag       indicating the values stored in fields #13, #14, #15 and #16 should be groored for these records.         CS_OFFL_SIR_FDM_2_20180725T161302_20180725T162821_C001       CFI Retracked Range Flag       indicating the values stored in fields #13, #14, #15 and #16 should be groored for these records.         CS_OFFL_SIR_FDM_2_20180725T164891_20180725T162821_C001       CFI Retracked Range Flag       indicating the values stored in fields #13, #14, #15 and #16 should be groored for these records.         CS_OFFL_SIR_FDM_2_20180725T164891_20180725T162821_C001       CFI Retracked Range Flag       indicating the values stored in fields #13, #14, #15 and #16 should be groored for these records.         CS_OFFL_SIR_FDM_2_20180725T181218_C001       CFI Retracked Range Flag       indicating the values stored in fields #13, #14, #15 and #16 should be groored for these records.         CS_OFFL_SIR_FDM_2_20180725T1819123_20180725T191218_C001       CFI Retracked Range Flag	CS_OFFL_SIR_FDM_220180725T123840_20180725T124318_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_20180725T143346_20180725T143454_C001         CFI Retracked Range Flag         indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_OFFL_SIR_FDM_2_20180725T143723_20180725T144624_C001         CFI Retracked Range Flag         The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_OFFL_SIR_FDM_2_20180725T161302_20180725T16122_C001         CFI Retracked Range Flag         The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_OFFL_SIR_FDM_2_20180725T161302_20180725T162821_C001         CFI Retracked Range Flag         The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_OFFL_SIR_FDM_2_20180725T164951_20180725T165701_C001         CFI Retracked Range Flag         The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_OFFL_SIR_FDM_2_20180725T181218_C001         CFI Retracked Range Flag         The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be growed for these records.           CS_OFFL_SIR_FDM_2_20180725T181218_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_220180725T141801_20180725T143343_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_20180725T143723_20180725T144624_0001         CFI Retracked Range Flag         Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.           CS_OFFL_SIR_FDM_2_20180725T165723_20180725T161122_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.           CS_OFFL_SIR_FDM_2_20180725T16302_20180725T162821_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_20180725T164951_20180725T165701_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_20180725T164951_20180725T165701_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_20180725T18113_20180725T181218_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_20180725T194035_C001         CFI Retracked Range Flag         The master fail flag is set by the CFI call, for one or more records, indicating the valu	CS_OFFL_SIR_FDM_220180725T143346_20180725T143454_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_20180725T155723_20180725T161122_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_20180725T161302_20180725T162821_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_20180725T164951_20180725T165701_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_20180725T165823_20180725T170314_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_20180725T181113_20180725T181218_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_20180725T191639_20180725T194015_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_20180725T194831_20180725T195205_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_220180725T143723_20180725T144624_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_20180725T161302_20180725T162821_C001CFI Retracked Range Flagindicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.CS_OFFL_SIR_FDM_2_20180725T164951_20180725T165701_C001CFI Retracked Range FlagThe 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_20180725T165823_20180725T170314_C001CFI Retracked Range FlagThe 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_20180725T181113_20180725T181218_C001CFI Retracked Range FlagThe 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_20180725T191639_20180725T194015_C001CFI Retracked Range FlagThe 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_20180725T194831_20180725T195205_C001CFI Retracked Range FlagThe 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_20180725T205209_020180725T202329_C001CFI Retracked Range FlagThe 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_20180725T20550_02180725T21326_C001CFI Retracked Range	CS_OFFL_SIR_FDM_220180725T155723_20180725T161122_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_20180725T164951_20180725T165701_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_20180725T165823_20180725T170314_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_20180725T181113_20180725T181218_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_20180725T191639_20180725T194015_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_20180725T194831_20180725T194015_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_20180725T194831_20180725T195205_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_20180725T205510_20180725T21326_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_220180725T161302_20180725T162821_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_20180725T165823_20180725T170314_C001CFI Retracked Range Flagindicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.CS_OFFL_SIR_FDM_2_20180725T181113_20180725T181218_C001CFI Retracked Range FlagThe 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_20180725T191639_20180725T194015_C001CFI Retracked Range FlagThe 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_20180725T194831_20180725T195205_C001CFI Retracked Range FlagThe 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_20180725T20909_20180725T20929_C001CFI Retracked Range FlagThe 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_20180725T205510_20180725T202329_C001CFI Retracked Range FlagThe 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_20180725T215205_0_2010CFI Retracked Range FlagThe 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_20180725T215205_0_2010CFI Retracked Range FlagThe master fail	CS_OFFL_SIR_FDM_220180725T164951_20180725T165701_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_20180725T181113_20180725T181218_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_20180725T191639_20180725T194015_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_20180725T194831_20180725T195205_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_20180725T200909_20180725T202329_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_20180725T200909_20180725T202329_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_20180725T205510_20180725T211326_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_20180725T211518_20180725T212038_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_220180725T165823_20180725T170314_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_20180725T191639_20180725T194015_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_20180725T194831_20180725T195205_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_20180725T200909_20180725T202329_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_20180725T205510_20180725T211326_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_20180725T2150510_20180725T211326_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_20180725T21518_20180725T212038_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_20180725T215236_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_220180725T181113_20180725T181218_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_20180725T194831_20180725T195205_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_20180725T200909_20180725T202329_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_20180725T205510_20180725T211326_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_20180725T21518_20180725T212038_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_20180725T21518_20180725T212038_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_20180725T21518_20180725T215736_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_20180725T233623_20180725T235736_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 fiel	CS_OFFL_SIR_FDM_220180725T191639_20180725T194015_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_20180725T200909_20180725T202329_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_20180725T205510_20180725T211326_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_20180725T211518_20180725T212038_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_20180725T211518_20180725T212038_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_20180725T235736_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_20180725T233623_20180725T235736_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_220180725T194831_20180725T195205_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_20180725T205510_20180725T211326_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_20180725T211518_20180725T212038_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_20180725T211518_20180725T212038_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_20180725T233623_20180725T235736_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_220180725T200909_20180725T202329_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_20180725T211518_20180725T212038_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_20180725T233623_20180725T235736_C001       CFI Retracked Range Flag       The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be	CS_OFFL_SIR_FDM_220180725T205510_20180725T211326_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_20180725T233623_20180725T235736_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be	CS_OFFL_SIR_FDM_220180725T211518_20180725T212038_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_220180725T233623_20180725T235736_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be

# 6.7 L2 FDM SWH and Backscatter Measurement Check

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

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Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180725T001250_20180725T004810_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_220180725T010522_20180725T013136_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_220180725T015123_20180725T020554_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_220180725T021036_20180725T021200_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_220180725T021203_20180725T022737_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_220180725T030109_20180725T031823_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_220180725T031843_20180725T031903_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_220180725T034027_20180725T034959_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_220180725T035234_20180725T040628_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_220180725T044609_20180725T045300_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_220180725T082808_20180725T083432_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_220180725T083524_20180725T090404_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_220180725T092027_20180725T095306_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_220180725T100727_20180725T100820_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_220180725T112321_20180725T113459_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_220180725T115417_20180725T115502_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_220180725T123840_20180725T124318_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_220180725T141801_20180725T143343_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_220180725T143346_20180725T143454_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_220180725T143723_20180725T144624_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_220180725T155723_20180725T161122_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_220180725T161302_20180725T162821_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_220180725T164951_20180725T165701_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_220180725T165823_20180725T170314_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_220180725T181113_20180725T181218_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_220180725T191639_20180725T194015_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_220180725T194831_20180725T195205_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_220180725T200909_20180725T202329_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_220180725T205510_20180725T211326_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_220180725T211518_20180725T212038_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_220180725T233623_20180725T235736_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

## 6.8 L2 FDM Ocean Retracking Quality Check

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

 Number of products with errors:
 46

	Product	Test Failed	Description
	CS_OFFL_SIR_FDM_220180725T001250_20180725T004810_C001	Ocean Refracking Oliality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
			Retracker was not successfully executed for one or more records.
C	CS_OFFL_SIR_FDM_220180725T010522_20180725T013136_C001	Ocean Retracking Oliality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
			Retracker was not successfully executed for one or more records.

CS\_OFFL\_SIR\_FDM\_2\_\_20180725T015123\_20180725T020554\_C001 CS\_OFFL\_SIR\_EDM\_2\_\_20180725T021036\_20180725T021200\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T021203\_20180725T022737\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T030109\_20180725T031823\_C001 CS OFFL SIR FDM 2 20180725T031843 20180725T031903 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T034027\_20180725T034959\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T035234\_20180725T040628\_C001 CS OFFL SIR FDM 2 20180725T043300 20180725T043441 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T044609\_20180725T045300\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T060103\_20180725T062546\_C001 CS OFFL SIR FDM 2 20180725T070021 20180725T072429 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T082808\_20180725T083432\_C001 CS OFFL SIR FDM 2 20180725T083524 20180725T090404 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T092027\_20180725T095306\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T100727\_20180725T100820\_C001 CS OFFL SIR FDM 2 20180725T103643 20180725T104225 C001 CS OFFL SIR FDM 2 20180725T105926 20180725T112036 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T112321\_20180725T113459\_C001 CS OFFL SIR FDM 2 20180725T115417 20180725T115502 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T123840\_20180725T124318\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T124327\_20180725T131501\_C001 CS OFFL SIR FDM 2 20180725T133504 20180725T135902 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T141801\_20180725T143343\_C001 CS OFFL SIR FDM 2 20180725T143346 20180725T143454 C001 CS OFFL SIR FDM 2 20180725T143723 20180725T144624 C001 CS OFFL SIR FDM 2 20180725T150754 20180725T152334 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T152954\_20180725T154036\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T155723\_20180725T161122\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T161302\_20180725T162821\_C001 CS OFFL SIR FDM 2 20180725T164951 20180725T165701 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T165823\_20180725T170314\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T170536\_20180725T172120\_C001 CS OFFL SIR FDM 2 20180725T181113 20180725T181218 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T183748\_20180725T190043\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T191639\_20180725T194015\_C001 CS OFFL SIR FDM 2 20180725T194831 20180725T195205 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T200909\_20180725T202329\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T205510\_20180725T211326\_C001 CS OFFL SIR FDM 2 20180725T211518 20180725T212038 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T213124\_20180725T213250\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T214448\_20180725T221817\_C001 CS OFFL SIR FDM 2 20180725T224200 20180725T224932 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T232124\_20180725T233337\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180725T233623\_20180725T235736\_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. 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The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

### 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
SIR_FDM_1B	143	143	143	0	0
SIR_FDM_2	143	143	143	0	0

7.1 QCC 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		