

23-Jun-2018 Nothing planned

IDEAS+ Daily Report for FDM data:

<u>22/06/2018</u>

1. Overview			
		Check	Status
Report Production Date:	25-Jun-2018	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:		Server check: calval-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	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, 6.5, 6.6, 6.7 and 6.8
Mission / Instrument News			
21-Jun-2018 None			
22-Jun-2018 None			

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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:
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4.2 L0 Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the processing chain.
Number of products with errors: 5

Product	Test Failed
CS_OPER_SIR1SAR_020180622T122514_20180622T122855_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020180622T065421_20180622T065936_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020180622T212957_20180622T214058_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020180622T203245_20180622T203404_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_0_20180622T172419_20180622T172558_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 in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

5.3 L1B FDM Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing.				
Number of products with errors: 3				
Product	Test Failed			
CS_OFFL_SIR_FDM_1B_20180622T030113_20180622T030845_C001	No Star Tracker file used in the processing of this product			
CS_OFFL_SIR_FDM_1B_20180622T211510_20180622T211825_C001	No Star Tracker file used in the processing of this product			
CS_OFFL_SIR_FDM_1B_20180622T225443_20180622T225534_C001	No Star Tracker file used in the processing of this product			

5.4 L1B FDM Calibration Usage Check

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

0

Number of products with errors:

5.5 L1B FDM Auxilary Data File Usage Check

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

5.6 L1B FDM Auxiliary Correction Error Check

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

Number of products with errors:

5.7 L1B FDM Measurement Confidence Data Check

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

Number of products with errors: 5			
Product	Test Failed	Description	
CS_OFFL_SIR_FDM_1B_20180622T030113_20180622T030845_C001	Attitude correction missing	The attitude has not been corrected	
CS_OFFL_SIR_FDM_1B_20180622T061548_20180622T062301_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_20180622T100718_20180622T100843_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_20180622T211510_20180622T211825_C001	Attitude correction missing	The attitude has not been corrected	
CS_OFFL_SIR_FDM_1B_20180622T225443_20180622T225534_C001	Attitude correction missing	The attitude has not been corrected	

6. Level 2 FDM Data Quality Check

6.1 L2 FDM Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL). Number of products with errors: 0

6.2 L2 FDM Product Header Analysis

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFEL_SIR_EDM_2201806221000614_201806221003922_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records

CS_OFFL_SIR_FDM_2__20180622T005504_20180622T011255_C001 CS_OFFL_SIR_FDM_2__20180622T013053_20180622T013120_C001 CS OFFL SIR FDM 2 20180622T014355 20180622T021757 C001 CS OFFL SIR FDM 2 20180622T023500 20180622T030050 C001 CS OFFL SIR FDM 2 20180622T030113 20180622T030845 C001 CS_OFFL_SIR_FDM_2__20180622T032112_20180622T033537_C001 CS_OFFL_SIR_FDM_2__20180622T034017_20180622T034154_C001 CS OFFL SIR FDM 2 20180622T034203 20180622T035724 C001 CS_OFFL_SIR_FDM_2__20180622T041610_20180622T042834_C001 CS OFFL SIR FDM 2 20180622T043040 20180622T044809 C001 CS_OFFL_SIR_FDM_2__20180622T051008_20180622T051938_C001 CS_OFFL_SIR_FDM_2__20180622T052140_20180622T053617_C001 CS OFFL SIR FDM 2 20180622T055234 20180622T055417 C001 CS_OFFL_SIR_FDM_2__20180622T061002_20180622T061442_C001 CS_OFFL_SIR_FDM_2__20180622T061548_20180622T062301_C001 CS OFFL SIR FDM 2 20180622T065936 20180622T071505 C001 CS OFFL SIR FDM 2 20180622T073027 20180622T080422 C001 CS OFFL SIR FDM 2 20180622T082929 20180622T085436 C001 CS_OFFL_SIR_FDM_2__20180622T092615_20180622T093611_C001 CS_OFFL_SIR_FDM_2__20180622T100846_20180622T103400_C001 CS OFFL SIR FDM 2 20180622T104937 20180622T112301 C001 CS OFFL SIR FDM 2 20180622T114748 20180622T114908 C001 CS OFFL SIR FDM 2 20180622T121151 20180622T121257 C001 CS_OFFL_SIR_FDM_2__20180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_2__20180622T141321_20180622T144439_C001 CS OFFL SIR FDM 2 20180622T145828 20180622T152843 C001 CS_OFFL_SIR_FDM_2__20180622T154742_20180622T160314_C001 CS OFFL SIR FDM 2 20180622T160320 20180622T160434 C001 CS_OFFL_SIR_FDM_2__20180622T160914_20180622T161619_C001 CS OFFL SIR FDM 2 20180622T163800 20180622T165316 C001 CS OFFL SIR FDM 2 20180622T165934 20180622T171044 C001 CS_OFFL_SIR_FDM_2__20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2__20180622T174241_20180622T175806_C001 CS OFFL SIR FDM 2 20180622T190620 20180622T192831 C001 CS OFFL SIR FDM 2 20180622T195422 20180622T195512 C001 CS OFFL SIR FDM 2 20180622T200609 20180622T203031 C001 CS_OFFL_SIR_FDM_2__20180622T215848_20180622T220900_C001 CS_OFFL_SIR_FDM_2__20180622T224601_20180622T225119_C001 CS OFFL SIR FDM 2 20180622T230101 20180622T230211 C001 CS_OFFL_SIR_FDM_2__20180622T231439_20180622T234811_C001

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

6.5 L2 FDM Measurement Confidence Data Check

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

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Number of products with errors: 5

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180622T030113_20180622T030845_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220180622T061548_20180622T062301_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220180622T100718_20180622T100843_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220180622T211510_20180622T211825_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220180622T225443_20180622T225534_C001	Attitude correction missing	The attitude has not been corrected

6.6 L2 FDM Range Measurement Check

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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:

Product

Test Failed Description CS_OFFL_SIR_FDM_2__20180622T000614_20180622T003922_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

		The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T014355_20180622T021757_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_220180622T023500_20180622T030050_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_220180622T030113_20180622T030845_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_220180622T032112_20180622T033537_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_220180622T034017_20180622T034154_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_220180622T034203_20180622T035724_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_220180622T043040_20180622T044809_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_220180622T051008_20180622T051938_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_220180622T052140_20180622T053617_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_220180622T055234_20180622T055417_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_220180622T061002_20180622T061442_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_220180622T061548_20180622T062301_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_220180622T065936_20180622T071505_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_220180622T073027_20180622T080422_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_220180622T100846_20180622T103400_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_220180622T104937_20180622T112301_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_220180622T114748_20180622T114908_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_220180622T125302_20180622T130338_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T141321_20180622T144439_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records.
CS_OFFL_SIR_FDM_220180622T154742_20180622T160314_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T160320_20180622T160434_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T160914_20180622T161619_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T163800_20180622T165316_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T165934_20180622T171044_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T172657_20180622T174102_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T190620_20180622T192831_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_220180622T195422_20180622T195512_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T224601_20180622T225119_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_220180622T230101_20180622T230211_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_220180622T231439_20180622T234811_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.

6.7 L2 FDM SWH and Backscatter Measurement Check

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Number of products with errors:

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

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180622T000614_20180622T003922_C001	CFI Backscatter Status Flag, SWH	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_220180622T014355_20180622T021757_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
CS_OFFL_SIR_FDM_2_20180622T023500_20180622T030050_C001	CFI Backscatter Status Flag, SWH	ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be
	Squared Averaging Status Flag CFI Backscatter Status Flag, SWH	ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T030113_20180622T030845_C001	Squared Averaging Status Flag	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T032112_20180622T033537_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180622T034017_20180622T034154_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220180622T034203_20180622T035724_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_220180622T043040_20180622T044809_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_220180622T051008_20180622T051938_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_220180622T052140_20180622T053617_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_220180622T055234_20180622T055417_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_220180622T061002_20180622T061442_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_220180622T061548_20180622T062301_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_220180622T065936_20180622T071505_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_220180622T073027_20180622T080422_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_220180622T100846_20180622T103400_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_220180622T104937_20180622T112301_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_220180622T114748_20180622T114908_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_220180622T125302_20180622T130338_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_220180622T141321_20180622T144439_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_220180622T154742_20180622T160314_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_220180622T160320_20180622T160434_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_220180622T160914_20180622T161619_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_220180622T163800_20180622T165316_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_220180622T165934_20180622T171044_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_220180622T172657_20180622T174102_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_220180622T174241_20180622T175806_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_220180622T190620_20180622T192831_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_220180622T195422_20180622T195512_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_220180622T224601_20180622T225119_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_220180622T230101_20180622T230211_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_220180622T231439_20180622T234811_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
C 0 L 2 FDM Occore Detrocking Ovelity Check		

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:
 43

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180622T000614_20180622T003922_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_220180622T011609_20180622T012121_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_220180622T014355_20180622T021757_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_2_20180622T030113_20180622T033637_C001 CS_OFFL_SIR_FDM_2_20180622T034112_20180622T033537_C001 CS_OFFL_SIR_FDM_2_20180622T034203_20180622T035724_C001 CS_OFFL_SIR_FDM_2_20180622T043040_20180622T0542834_C001 CS_OFFL_SIR_FDM_2_20180622T051008_20180622T051988_C001 CS_OFFL_SIR_FDM_2_20180622T052140_20180622T0519188_C001 CS_OFFL_SIR_FDM_2_20180622T052140_20180622T05617_C001 CS_OFFL_SIR_FDM_2_20180622T05234_20180622T056417_C001 CS_OFFL_SIR_FDM_2_20180622T065036_20180622T0501442_C001 CS_OFFL_SIR_FDM_2_20180622T065936_20180622T05001 CS_OFFL_SIR_FDM_2_20180622T005036_20180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T1002292_0180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T100846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T100846_20180622T112301_C001 CS_OFFL_SIR_FDM_2_20180622T104937_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T13264_20180622T13838_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T133038_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T133038_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T133048_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T133048_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T130386_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T130308_C001 CS_OFFL_SIR_FDM_2_20180622T1	CS_OFFL_SIR_FDM_220180622T023500_20180622T030050_C001
CS_OFFL_SIR_FDM_2_20180622T034017_20180622T034154_C001 CS_OFFL_SIR_FDM_2_20180622T04203_20180622T035724_C001 CS_OFFL_SIR_FDM_2_20180622T041610_20180622T048409_C001 CS_OFFL_SIR_FDM_2_20180622T05140_0180622T053617_C001 CS_OFFL_SIR_FDM_2_20180622T052140_20180622T053617_C001 CS_OFFL_SIR_FDM_2_20180622T05234_20180622T054142_C001 CS_OFFL_SIR_FDM_2_20180622T061002_0180622T061442_C001 CS_OFFL_SIR_FDM_2_20180622T03027_20180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T073027_20180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T03027_0180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T03027_0180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T10302_0180622T1030400_C001 CS_OFFL_SIR_FDM_2_20180622T104937_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T1126502_0180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T12555_0180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T12555_0180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T130386_C001 CS_OFFL_SIR_FDM_2_20180622T132541_02180622T143012_C001 CS_OFFL_SIR_FDM_2_20180622T14321_20180622T14312_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T140813_0180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_0180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160342_018062	CS_OFFL_SIR_FDM_220180622T030113_20180622T030845_C001
CS_OFFL_SIR_FDM_2_20180622T034203_20180622T035724_C001 CS_OFFL_SIR_FDM_2_20180622T041610_20180622T042834_C001 CS_OFFL_SIR_FDM_2_20180622T051008_20180622T053617_C001 CS_OFFL_SIR_FDM_2_20180622T052140_20180622T053617_C001 CS_OFFL_SIR_FDM_2_20180622T05234_20180622T054142_C001 CS_OFFL_SIR_FDM_2_20180622T061548_20180622T061442_C001 CS_OFFL_SIR_FDM_2_20180622T061548_20180622T060422_C001 CS_OFFL_SIR_FDM_2_20180622T073027_20180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T073027_20180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T082829_20180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T10846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T104937_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T11448_20180622T11312_C001 CS_OFFL_SIR_FDM_2_20180622T112301_C001 CS_OFFL_SIR_FDM_2_20180622T112855_20180622T113910_C001 CS_OFFL_SIR_FDM_2_20180622T128562_0180622T113938_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T113908_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T139038_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T139055_C001 CS_OFFL_SIR_FDM_2_20180622T132641_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T143120_C001 CS_OFFL_SIR_FDM_2_20180622T143241_20180622T143908_C001 CS_OFFL_SIR_FDM_2_20180622T1633421_20180622T143120_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160344_C001 CS_OFFL_SIR_FDM_2_20180622T160340_20180622T160344_C001 CS_OFFL_SIR_FDM_2_20180622T160340_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160340_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160340_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160340_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160340_20180622T160444_C001 CS_OFFL_SIR_FDM_2_20180622T160340_20180622T16044_C001 CS_OFFL_SIR_FDM_2_20180622T160420_20180622T174104_C001 CS_OFFL_SIR_FDM_2_20180622T160420_20180622T192631_C001 CS_OFFL_SIR_FDM_2_20180622T160420_20180622T192612_C001 CS_OFFL_SIR_FDM_2_20180622T160402_20180622T14040_00	CS_OFFL_SIR_FDM_220180622T032112_20180622T033537_C001
CS_OFFL_SIR_FDM_2_20180622T041610_20180622T042834_C001 CS_OFFL_SIR_FDM_2_20180622T043040_20180622T044809_C001 CS_OFFL_SIR_FDM_2_20180622T05234_20180622T051938_C001 CS_OFFL_SIR_FDM_2_20180622T055234_20180622T055417_C001 CS_OFFL_SIR_FDM_2_20180622T055234_20180622T061442_C001 CS_OFFL_SIR_FDM_2_20180622T065936_20180622T061442_C001 CS_OFFL_SIR_FDM_2_20180622T065936_20180622T085436_C001 CS_OFFL_SIR_FDM_2_20180622T082929_20180622T085436_C001 CS_OFFL_SIR_FDM_2_20180622T082929_20180622T085436_C001 CS_OFFL_SIR_FDM_2_20180622T10846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T10846_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T112855_20180622T11201_C001 CS_OFFL_SIR_FDM_2_20180622T112855_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T13285_20180622T133035_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T143112_C001 CS_OFFL_SIR_FDM_2_20180622T143421_20180622T143102_C001 CS_OFFL_SIR_FDM_2_20180622T143421_20180622T143044_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T160316_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T160316_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T160316_C001 CS_OFFL_SIR_FDM_2_20180622T16533_20180622T162316_C001 CS_OFFL_SIR_FDM_2_20180622T17657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T17657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T176503_20180622T1926312_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM	CS_OFFL_SIR_FDM_220180622T034017_20180622T034154_C001
CS_OFFL_SIR_FDM_220180622T043040_20180622T044809_C001 CS_OFFL_SIR_FDM_220180622T051008_20180622T0544809_C001 CS_OFFL_SIR_FDM_220180622T05234_20180622T05417_C001 CS_OFFL_SIR_FDM_220180622T061002_20180622T061442_C001 CS_OFFL_SIR_FDM_220180622T061488_20180622T061442_C001 CS_OFFL_SIR_FDM_220180622T065936_20180622T061442_C001 CS_OFFL_SIR_FDM_2_20180622T070327_20180622T065436_C001 CS_OFFL_SIR_FDM_2_20180622T008462_20180622T03400_C001 CS_OFFL_SIR_FDM_2_20180622T100846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T100846_20180622T112301_C001 CS_OFFL_SIR_FDM_2_20180622T112804_20180622T112301_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T1430052_C001 CS_OFFL_SIR_FDM_2_20180622T1433421_20180622T14312_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T14312_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T14304_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T160316_C001 CS_OFFL_SIR_FDM_2_20180622T160314_	CS_OFFL_SIR_FDM_220180622T034203_20180622T035724_C001
CS_OFFL_SIR_FDM_2_20180622T051008_20180622T051938_C001 CS_OFFL_SIR_FDM_2_20180622T05234_20180622T05417_C001 CS_OFFL_SIR_FDM_2_20180622T061002_20180622T061442_C001 CS_OFFL_SIR_FDM_2_20180622T061948_20180622T062301_C001 CS_OFFL_SIR_FDM_2_20180622T065936_20180622T071505_C001 CS_OFFL_SIR_FDM_2_20180622T073027_20180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T082929_20180622T0840422_C001 CS_OFFL_SIR_FDM_2_20180622T10846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T10846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T113604_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T112855_20180622T114908_C001 CS_OFFL_SIR_FDM_2_20180622T112855_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T13838_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133035_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133098_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133098_C001 CS_OFFL_SIR_FDM_2_20180622T14321_20180622T14312_C001 CS_OFFL_SIR_FDM_2_20180622T14321_20180622T143005_C001 CS_OFFL_SIR_FDM_2_20180622T14321_20180622T140314_C001 CS_OFFL_SIR_FDM_2_20180622T14321_20180622T140314_C001 CS_OFFL_SIR_FDM_2_20180622T163742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T16374_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T179060_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T179060_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T1906022T192831_C001 CS_OFFL_SIR_FDM_2_20180622T1906022T192831_C001 CS_OFFL_SIR_FDM_2_20180622T1224601_20180622T1225119_C001 CS_OFFL_SIR_FDM_2_20180622T214060_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211926311_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T2320211_C001	CS_OFFL_SIR_FDM_220180622T041610_20180622T042834_C001
CS_OFFL_SIR_FDM_2_20180622T052140_20180622T053617_C001 CS_OFFL_SIR_FDM_2_20180622T05234_20180622T05417_C001 CS_OFFL_SIR_FDM_2_20180622T061548_20180622T062301_C001 CS_OFFL_SIR_FDM_2_20180622T065936_20180622T071505_C001 CS_OFFL_SIR_FDM_2_20180622T073027_20180622T086438_C001 CS_OFFL_SIR_FDM_2_20180622T102846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T100846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T10846_20180622T112301_C001 CS_OFFL_SIR_FDM_2_20180622T112804_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T112855_20180622T112901_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_2_20180622T143421_20180622T143908_C001 CS_OFFL_SIR_FDM_2_20180622T143421_20180622T143908_C001 CS_OFFL_SIR_FDM_2_20180622T143421_20180622T143908_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T143908_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T143908_C001 CS_OFFL_SIR_FDM_2_20180622T163742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T165720180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T160338_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T176806_C001 CS_OFFL_SIR_FDM_2_20180622T1790620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T1925119_C001 CS_OFFL_SIR_FDM_2_20180622T2124601_20180622T225119_C001	CS_OFFL_SIR_FDM_220180622T043040_20180622T044809_C001
CS_OFFL_SIR_FDM_2_20180622T055234_20180622T055417_C001 CS_OFFL_SIR_FDM_2_20180622T061002_20180622T061442_C001 CS_OFFL_SIR_FDM_2_20180622T065936_20180622T071505_C001 CS_OFFL_SIR_FDM_2_20180622T065936_20180622T085436_C001 CS_OFFL_SIR_FDM_2_20180622T082929_20180622T085436_C001 CS_OFFL_SIR_FDM_2_20180622T100846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T109846_20180622T112301_C001 CS_OFFL_SIR_FDM_2_20180622T113604_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T114748_20180622T114908_C001 CS_OFFL_SIR_FDM_2_20180622T125502_0180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T125502_0180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T131826_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T17657_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T225119_C001	CS_OFFL_SIR_FDM_220180622T051008_20180622T051938_C001
CS_OFFL_SIR_FDM_2_20180622T061002_20180622T061442_C001 CS_OFFL_SIR_FDM_2_20180622T065936_20180622T071505_C001 CS_OFFL_SIR_FDM_2_20180622T073027_20180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T082929_20180622T085436_C001 CS_OFFL_SIR_FDM_2_20180622T100846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T104937_20180622T112301_C001 CS_OFFL_SIR_FDM_2_20180622T114748_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T112855_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141429_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T160340_C001 CS_OFFL_SIR_FDM_2_20180622T160340_C001 CS_OFFL_SIR_FDM_2_20180622T160340_C001 CS_OFFL_SIR_FDM_2_20180622T160340_C001 CS_OFFL_SIR_FDM_2_20180622T160340_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T160934_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T17657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T1790620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T11404_C001 CS_OFFL_SIR_FDM_2_20180622T225010_20180622T1225119_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T212011_C01	CS_OFFL_SIR_FDM_220180622T052140_20180622T053617_C001
CS_OFFL_SIR_FDM_2_20180622T061548_20180622T062301_C001 CS_OFFL_SIR_FDM_2_20180622T073027_20180622T080422_C001 CS_OFFL_SIR_FDM_2_20180622T082929_20180622T085436_C001 CS_OFFL_SIR_FDM_2_20180622T10846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T104937_20180622T113201_C001 CS_OFFL_SIR_FDM_2_20180622T113604_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T114748_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T125302_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T130355_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T14031_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T163800_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T163934_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T163934_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160312_0180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T163934_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T176091_CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T2240600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T055234_20180622T055417_C001
CS_OFFL_SIR_FDM_2_20180622T065936_20180622T071505_C001 CS_OFFL_SIR_FDM_2_20180622T082929_20180622T085436_C001 CS_OFFL_SIR_FDM_2_20180622T10846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T104937_20180622T112301_C001 CS_OFFL_SIR_FDM_2_20180622T113604_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T113604_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160314_C011 CS_OFFL_SIR_FDM_2_20180622T160314_C011 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T17657_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T192631_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192531_C001 CS_OFFL_SIR_FDM_2_20180622T294601_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T294601_20180622T211040_C001 CS_OFFL_SIR_FDM_2_20180622T294601_20180622T211040_C001 CS_OFFL_SIR_FDM_2_20180622T294601_20180622T211040_C001 CS_OFFL_SIR_FDM_2_20180622T294601_20180622T21104020120180622T29511_C001	CS_OFFL_SIR_FDM_220180622T061002_20180622T061442_C001
CS_OFFL_SIR_FDM_220180622T073027_20180622T080422_C001 CS_OFFL_SIR_FDM_220180622T082929_20180622T085436_C001 CS_OFFL_SIR_FDM_220180622T100846_20180622T103400_C001 CS_OFFL_SIR_FDM_220180622T104937_20180622T112301_C001 CS_OFFL_SIR_FDM_220180622T113604_20180622T112801_C001 CS_OFFL_SIR_FDM_220180622T114748_20180622T113812_C001 CS_OFFL_SIR_FDM_220180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_220180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_220180622T132541_20180622T131826_C001 CS_OFFL_SIR_FDM_220180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_220180622T140132_0180622T141312_C001 CS_OFFL_SIR_FDM_220180622T1441321_20180622T140349_C001 CS_OFFL_SIR_FDM_220180622T160320_20180622T160344_C001 CS_OFFL_SIR_FDM_220180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_220180622T160914_20180622T170144_C001 CS_OFFL_SIR_FDM_220180622T165934_20180622T17044_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T182644_C001 CS_OFFL_SIR_FDM_220180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T195422_2	CS_OFFL_SIR_FDM_220180622T061548_20180622T062301_C001
CS_OFFL_SIR_FDM_220180622T082929_20180622T085436_C001 CS_OFFL_SIR_FDM_220180622T100846_20180622T103400_C001 CS_OFFL_SIR_FDM_220180622T104937_20180622T112301_C001 CS_OFFL_SIR_FDM_220180622T113604_20180622T113812_C001 CS_OFFL_SIR_FDM_220180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_220180622T122855_20180622T130338_C001 CS_OFFL_SIR_FDM_220180622T1320120180622T131826_C001 CS_OFFL_SIR_FDM_220180622T13241_20180622T131826_C001 CS_OFFL_SIR_FDM_220180622T13241_20180622T133055_C001 CS_OFFL_SIR_FDM_220180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_220180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_220180622T140813_20180622T144399_C001 CS_OFFL_SIR_FDM_220180622T160320_20180622T160314_C001 CS_OFFL_SIR_FDM_220180622T160320_20180622T160344_C001 CS_OFFL_SIR_FDM_220180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_220180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_220180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_220180622T165330_20180622T161619_C001 CS_OFFL_SIR_FDM_220180622T16534_20180622T171044_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T171044_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T1725720180622T175806_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T172572_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T190520_20180622T182644_C001 CS_OFFL_SIR_FDM_220180622T190520_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T195422_20180622T192531_C001 CS_OFFL_SIR_FDM_220180622T224600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T224600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T224600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T224600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T224000_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224000_20180622T211404_C001	CS_OFFL_SIR_FDM_220180622T065936_20180622T071505_C001
CS_OFFL_SIR_FDM_220180622T100846_20180622T103400_C001 CS_OFFL_SIR_FDM_2_20180622T104937_20180622T112301_C001 CS_OFFL_SIR_FDM_2_20180622T113604_20180622T113812_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T131410_20180622T131826_C001 CS_OFFL_SIR_FDM_2_20180622T1312541_20180622T131826_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T1432541_20180622T133908_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T1433908_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T165334_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T192512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T073027_20180622T080422_C001
CS_OFFL_SIR_FDM_220180622T104937_20180622T112301_C001 CS_OFFL_SIR_FDM_220180622T113604_20180622T113812_C001 CS_OFFL_SIR_FDM_220180622T1122855_20180622T1125016_C001 CS_OFFL_SIR_FDM_220180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_220180622T132541_20180622T130338_C001 CS_OFFL_SIR_FDM_220180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001	CS_OFFL_SIR_FDM_220180622T082929_20180622T085436_C001
CS_OFFL_SIR_FDM_220180622T113604_20180622T113812_C001 CS_OFFL_SIR_FDM_220180622T114748_20180622T114908_C001 CS_OFFL_SIR_FDM_220180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_220180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_220180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_220180622T132541_20180622T133908_C001 CS_OFFL_SIR_FDM_220180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_220180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_220180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_220180622T160320_20180622T160314_C001 CS_OFFL_SIR_FDM_220180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_220180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_220180622T165934_20180622T161619_C001 CS_OFFL_SIR_FDM_220180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T171044_C001 CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T174241_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T192512_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T192512_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T192512_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001	CS_OFFL_SIR_FDM_220180622T100846_20180622T103400_C001
CS_OFFL_SIR_FDM_2_20180622T114748_20180622T114908_C001 CS_OFFL_SIR_FDM_2_20180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T131410_20180622T131826_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T1441321_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T165342_0180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_0180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T195422_0180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T195422_0180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001	CS_OFFL_SIR_FDM_220180622T104937_20180622T112301_C001
CS_OFFL_SIR_FDM_2_20180622T122855_20180622T125016_C001 CS_OFFL_SIR_FDM_2_20180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T131410_20180622T131826_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160314_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T165342_0180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165342_0180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T1728544_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T2124600_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T22525119_C001 CS_OFFL_SIR_FDM_2_20180622T22525119_C001 CS_OFFL_SIR_FDM_2_20180622T22525119_C001	CS_OFFL_SIR_FDM_220180622T113604_20180622T113812_C001
CS_OFFL_SIR_FDM_2_20180622T125302_20180622T130338_C001 CS_OFFL_SIR_FDM_2_20180622T131410_20180622T131826_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T165340_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T172806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T2195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T2195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T2195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T2195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001	CS_OFFL_SIR_FDM_220180622T114748_20180622T114908_C001
CS_OFFL_SIR_FDM_2_20180622T131410_20180622T131826_C001 CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T144339_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160302_0180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T1653800_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T16534_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T1728544_C001 CS_OFFL_SIR_FDM_2_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T1224600_20180622T1919512_C001 CS_OFFL_SIR_FDM_2_20180622T2124600_20180622T1919512_C001 CS_OFFL_SIR_FDM_2_20180622T1224600_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T2221195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T2119_C011 CS_OFFL_SIR_FDM_2_20180622T2224601_20180622T211404_C001	CS_OFFL_SIR_FDM_220180622T122855_20180622T125016_C001
CS_OFFL_SIR_FDM_2_20180622T132541_20180622T133055_C001 CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T165340_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T2124600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T2224601_20180622T225119_C001	CS_OFFL_SIR_FDM_220180622T125302_20180622T130338_C001
CS_OFFL_SIR_FDM_2_20180622T133421_20180622T133908_C001 CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T144339_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T165300_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T2011404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T201404_C001	CS_OFFL_SIR_FDM_220180622T131410_20180622T131826_C001
CS_OFFL_SIR_FDM_2_20180622T140813_20180622T141312_C001 CS_OFFL_SIR_FDM_2_20180622T141321_20180622T144439_C001 CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T1653800_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T17044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001	CS_OFFL_SIR_FDM_220180622T132541_20180622T133055_C001
CS_OFFL_SIR_FDM_220180622T141321_20180622T144439_C001 CS_OFFL_SIR_FDM_220180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_220180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_220180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_220180622T165934_20180622T165316_C001 CS_OFFL_SIR_FDM_220180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_220180622T172657_20180622T17404_C001 CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_220180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001	CS_OFFL_SIR_FDM_220180622T133421_20180622T133908_C001
CS_OFFL_SIR_FDM_2_20180622T154742_20180622T160314_C001 CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T1653800_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001	CS_OFFL_SIR_FDM_220180622T140813_20180622T141312_C001
CS_OFFL_SIR_FDM_2_20180622T160320_20180622T160434_C001 CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T163800_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001	CS_OFFL_SIR_FDM_220180622T141321_20180622T144439_C001
CS_OFFL_SIR_FDM_2_20180622T160914_20180622T161619_C001 CS_OFFL_SIR_FDM_2_20180622T1653800_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T154742_20180622T160314_C001
CS_OFFL_SIR_FDM_2_20180622T163800_20180622T165316_C001 CS_OFFL_SIR_FDM_2_20180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T160320_20180622T160434_C001
CS_OFFL_SIR_FDM_2_20180622T165934_20180622T171044_C001 CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T160914_20180622T161619_C001
CS_OFFL_SIR_FDM_2_20180622T172657_20180622T174102_C001 CS_OFFL_SIR_FDM_2_20180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_2_20180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_2_20180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_2_20180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_2_20180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_2_20180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_2_20180622T230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T163800_20180622T165316_C001
CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001 CS_OFFL_SIR_FDM_220180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_220180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_220180622T2230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T165934_20180622T171044_C001
CS_OFFL_SIR_FDM_220180622T181935_20180622T182644_C001 CS_OFFL_SIR_FDM_220180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_220180622T230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T172657_20180622T174102_C001
CS_OFFL_SIR_FDM_220180622T190620_20180622T192831_C001 CS_OFFL_SIR_FDM_220180622T195422_20180622T195512_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_220180622T230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T174241_20180622T175806_C001
CS_OFFL_SIR_FDM_220180622T1955422_20180622T195512_C001 CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001 CS_OFFL_SIR_FDM_220180622T224601_20180622T225119_C001 CS_OFFL_SIR_FDM_220180622T230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T181935_20180622T182644_C001
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CS_OFFL_SIR_FDM_220180622T230101_20180622T230211_C001	CS_OFFL_SIR_FDM_220180622T204600_20180622T211404_C001
	CS_OFFL_SIR_FDM_220180622T224601_20180622T225119_C001
CS_OFFL_SIR_FDM_220180622T231439_20180622T234811_C001	CS_OFFL_SIR_FDM_220180622T230101_20180622T230211_C001
	CS_OFFL_SIR_FDM_220180622T231439_20180622T234811_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. 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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. 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

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	133	133	133	0	0
SIR_FDM_2	133	133	133	0	0
1 QCC Errors					
lumber of QCC reports with er	rors:	0			
7.2 QCC Warnings					
lumber of QCC reports with wa	arnings	0			
	-				
.3 Missing QCC Repo	orts				
		_			

Number of products with missing QCC reports: