



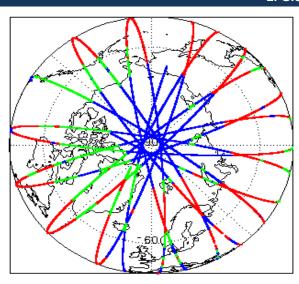
1. Overview

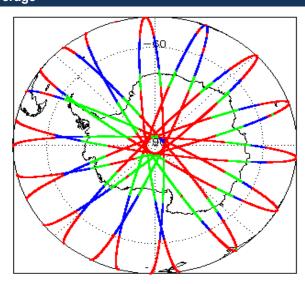
Report Production:	15-Aug-2018	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Intermediate Ocean Products (IOP L1B, L2 & P2P Science Data	

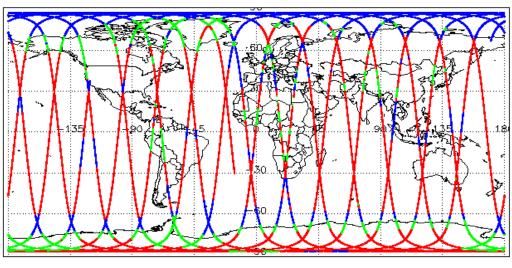
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

Mission / Instrument News		
12-Aug-2018	None	
13-Aug-2018	None	
14-Aug-2018	Nothing planned	

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. IOP Level 1B Data Quality Check

4.1 L1B 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

4.2 L1B Product Header Analysis

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

4.3 L1B 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:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

0

4.5 L1B Measurement Confidence Data Check

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

Attitude Correction Missing: This flag is currently set in error for IOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.

Number of products with errors:

3

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180813T021826_20180813T022338_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20180813T032739_20180813T034035_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20180813T182944_20180813T183616_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

CryoSat L1B data includes a waveform data flag for each measurement record. The bit value of this flag indicates any problems when set.

Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected.

Number of products with errors: 22

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180813T010022_20180813T011450_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180813T044834_20180813T051418_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180813T132651_20180813T133428_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180813T133502_20180813T134104_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180813T153406_20180813T154512_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180813T171243_20180813T171938_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180813T201652_20180813T202046_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T020502_20180813T020857_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T020912_20180813T020959_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T030331_20180813T030945_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T034526_20180813T034833_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T142843_20180813T143448_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T152252_20180813T152330_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T153154_20180813T153405_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T170800_20180813T170907_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T170922_20180813T171155_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T215427_20180813T215554_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180813T233740_20180813T234046_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180813T012651_20180813T013349_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180813T084454_20180813T085213_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180813T090406_20180813T090530_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180813T124623_20180813T125322_C001	Loss of Echo	The tracking echo is missing for one or more records

5. IOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are performed 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 L2 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:

5.4 L2 Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767).

Number of products with errors:

0

5.5 L2 Measurement Confidence Data Check

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

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180813T021826_20180813T022338_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOPM_2_20180813T032739_20180813T034035_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOPM_2_20180813T182944_20180813T183616_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Range Measurement Check

CryoSat L2 data includes an Ocean and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags raised in the Level 2 products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Provident Control	To an Earland	Description
Product CS_OFFL_SIR_IOPM_2_20180812T235258_20180813T002557_C001	Test Failed Ocean Range Averaging Status	Description The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T002557_20180813T002655_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T002905_20180813T003013_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T003858_20180813T005400_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T005755_20180813T010019_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T010022_20180813T011450_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T012258_20180813T012508_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T013349_20180813T014611_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T014752_20180813T020502_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T022722_20180813T023713_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T023916_20180813T025352_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T025643_20180813T030138_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T030142_20180813T030150_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T031101_20180813T031332_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T032739_20180813T034035_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T041754_20180813T043242_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T043623_20180813T044106_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T044834_20180813T051418_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T054715_20180813T061141_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T061608_20180813T062005_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T062026_20180813T062350_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T062728_20180813T063820_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T064353_20180813T065346_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T072507_20180813T075104_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T075435_20180813T075919_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T075924_20180813T080254_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T080746_20180813T084044_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T085213_20180813T085605_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T092522_20180813T092732_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T093423_20180813T093946_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T094651_20180813T100751_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T101037_20180813T102203_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T103157_20180813T103545_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T105154_20180813T105734_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T105833_20180813T110838_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T111352_20180813T111845_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T112557_20180813T115814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T121235_20180813T121308_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T121925_20180813T124623_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T130535_20180813T132210_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

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to find or margin claims of the find of th	CS_OFFL_SIR_IOPM_2_20180813T141307_20180813T142724_C001	Ocean Range Averaging Status	
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Coppliance (Coppliance) (Coppli	CS_OFFL_SIR_IOPM_2_20180813T143743_20180813T144201_C001	Ice Range Averaging Status	
SOFF, SIR, JOHA 2, 20180813719629, 20180813719629, CODI SOFF, SIR, JOHA 2, 20180813719629, 20180813719629, CODI SOFF, SIR, JOHA 2, 20180813719629, 20180813719639, CODI SOFF, SIR, JOHA 2, 20180813719639, 20180813719629, CODI SOFF, SIR, JOHA 2, 20180813719639, CODIO CODI SOFF, SIR, JOHA 2, 20180	CS_OFFL_SIR_IOPM_2_20180813T144433_20180813T145839_C001	Ocean Range Averaging Status	
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Conff. S. (PPM2 collegels 11 (1994.2) 2018081 171 (1942.2) 2018081 171 (1940.2) Collegels	CS_OFFL_SIR_IOPM_2_20180813T153406_20180813T154512_C001	Ocean Range Averaging Status	
So, CFFL_SRI_JOPM_2_2015691371245_20169813717490_C001 Oso Range Averaging Status CS_OFFL_SRI_JOPM_2_20156913717493_20169813717490_C001 Oso Range Averaging Status CS_OFFL_SRI_JOPM_2_20156913717493_20169813717490_C001 Oso Range Averaging Status ERANGE Averaging Status CS_OFFL_SRI_JOPM_2_20156913717493_20169813717490_C001 Oso Range Averaging Status ERANGE Averaging Status CS_OFFL_SRI_JOPM_2_20156913717493_20169813717590_C001 Oso Range Averaging Status CS_OFFL_SRI_JOPM_2_20156913718000_20169813716270_C001 Oso Range Averaging Status Oso Range Averaging Status Oso Range Averaging Status CS_OFFL_SRI_JOPM_2_20156913719000_20169813719249_C001 Oso Range Averaging Status The Oso Range Averaging Status Flag has been set for one or more records. The Oso Range Averaging Status Flag has been set for one or more records. The Oso Range Averaging Status Flag has been set for one or more records. The Oso Range Averaging Status Flag has been set for one or more records. The Oso Range Averaging Status The Oso Range Averaging Status Flag has been set for one or more records. The Oso Range Averaging Status Flag has been set for one or more records. The Oso Range Averaging Status Flag has been set for one or more records. The Oso Range Averaging Status The Os	CS_OFFL_SIR_IOPM_2_20180813T155439_20180813T160825_C001	Ocean Range Averaging Status	
Cocen Range Averaging Status Find DoPM _2 201808137172154_201808137175930_C001 Ocean Range Averaging Status Cocen Range Ave	CS_OFFL_SIR_IOPM_2_20180813T161238_20180813T162106_C001	Ice Range Averaging Status	
Cocon Range Averaging Status File Pass been set for one or more records. File Cocon Range Averaging Status F	CS_OFFL_SIR_IOPM_2_20180813T162432_20180813T164606_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813117543_20180813117591_CO01 CS_OFFL_SIR_IOPM_2_20180813117543_201808131175910_CO01 CS_OFFL_SIR_IOPM_2_201808131180520_201808131182740_CO01 CS_OFFL_SIR_IOPM_2_201808131180520_201808131180740_CO01 CS_OFFL_SIR_IOPM_2_201808131180520_201808131180740_CO01 CS_OFFL_SIR_IOPM_2_201808131180520_201808131180740_CO01 CS_OFFL_SIR_IOPM_2_201808131180520_201808131180610_CO01 CS_OFFL_SIR_IOPM_2_201808131180520_20180813118040_CO01 CS_OFFL_SIR_IOPM_2_20180813119053_20180813119040_CO01 CS_OFFL_SIR_IOPM_2_20180813119057_20180813119040_CO01 CS_OFFL_SIR_IOPM_2_20180813119057_20180813119040_CO01 CS_OFFL_SIR_IOPM_2_20180813119057_20180813119040_CO01 CS_OFFL_SIR_IOPM_2_20180813119057_20180813119040_CO01 CS_OFFL_SIR_IOPM_2_20180813119057_20180813119040_CO01 CS_OFFL_SIR_IOPM_2_20180813119057_20180813119040_CO01 CS_OFFL_SIR_IOPM_2_20180813119057_20180813119040_CO01 CS_OFFL_SIR_IOPM_2_20180813119057_20180813119040_CO01 CS_OFFL_SIR_IOPM_2_20180813119057_20180813119050_CO01 CS_OFFL_SIR_IOPM_2_201808131200220_20180813120000_CO01 CS_OFFL_SIR_IOPM_2_201808131200220_20180813120000_CO01 CS_OFFL_SIR_IOPM_2_201808131200220_20180813120000_CO01 CS_OFFL_SIR_IOPM_2_20180813120000_CO01 CS_OFFL_SIR_IOPM_2_201808131220000_CO01 CS_OFFL_SIR_IOPM_2_201808131220000_CO01 CS_OFFL_SIR_IOPM_2_201808131220000_CO01 CS_OFFL_SIR_IOPM_2_201808131220000_CO01 CS_OFFL_SIR_IOPM_2_201808131220000137222340_C001001000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20180813T171243_20180813T171938_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_LOPM_2_20180813T19530_20180813T19516_C001 CS_OFFL_SIR_LOPM_2_20180813T196082_20180813T19616_C001 CS_OFFL_SIR_LOPM_2_20180813T196082_20180813T19616_C001 CS_OFFL_SIR_LOPM_2_20180813T196083_20180813T191048_C001 CS_OFFL_SIR_LOPM_2_20180813T196083_20180813T191048_C001 CS_OFFL_SIR_LOPM_2_20180813T196083_20180813T191048_C001 CS_OFFL_SIR_LOPM_2_20180813T196083_20180813T191048_C001 CS_OFFL_SIR_LOPM_2_20180813T196082_20180813T190682_C001 CS_OFFL_SIR_LOPM_2_20180813T196272_0180813T190682_C001 CS_OFFL_SIR_LOPM_2_20180813T196272_0180813T190647_C001 CS_OFFL_SIR_LOPM_2_20180813T194259_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T194259_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T194259_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T194259_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T194259_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T194259_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T194259_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T194259_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T20055_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T20055_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T20055_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T20055_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T20055_20180813T200447_C001 CS_OFFL_SIR_LOPM_2_20180813T20055_20180813T2005_C001 CS_OFFL_SIR_LOPM_2_20180813T2005_20180813T2005_C001 CS_OFFL_SIR_LOPM_2_20180813T2005_20180813T1905_2005_C001	CS_OFFL_SIR_IOPM_2_20180813T172154_20180813T174801_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T19045_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T19045_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190814_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190814_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190344_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190344_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190344_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190344_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190344_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190344_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190344_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T190344_0001 CS_OFFL_SIR_IOPM_2_20180813T190320_20180813T1200447_0001 CS_OFFL_SIR_IOPM_2_20180813T1203220_20180813T1200447_0001 CS_OFFL_SIR_IOPM_2_20180813T1203220_20180813T120004_0001 CS_OFFL_SIR_IOPM_2_20180813T1203220_20180813T1205000_0001 CS_OFFL_SIR_IOPM_2_20180813T12555_20180813T1205000_0001 CS_OFFL_SIR_IOPM_2_20180813T1256_20180813T120000_0001 CS_OFFL_SIR_IOPM_2_20180813T12555_20180813T120000_0001 CS_OFFL_SIR_IOPM_2_20180813T1205000_0001 CS_OFFL_SIR_IOPM_2_20180813T1205000_0001 CS_OFFL_SIR_IOPM_2_20180813T1205000013T120000_0001 CS_OFFL_SIR_IOPM_2_20180813T1205000013T1220000_0001 CS_OFFL_SIR_IOPM_2_20180813T1205000013T1220000_0001 CS_OFFL_SIR_IOPM_2_20180813T1205000013T1220000_0001 CS_OFFL_SIR_IOPM_2_20180813T12050000013T1220000_0001 CS_OFFL_SIR_IOPM_2_20180813T120500000000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20180813T175143_20180813T175337_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T180250_20180813T182404_C001 CS_OFFL_SIR_IOPM_2_20180813T190353_20180813T191048_C001 CS_OFFL_SIR_IOPM_2_20180813T190353_20180813T191048_C001 CS_OFFL_SIR_IOPM_2_20180813T190353_20180813T193049_C001 CS_OFFL_SIR_IOPM_2_20180813T190352_20180813T193044_C001 CS_OFFL_SIR_IOPM_2_20180813T190352_20180813T200447_C001 CS_OFFL_SIR_IOPM_2_20180813T190352_20180813T200447_C001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T20046_C001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T2030001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T2030001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T20001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T20001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T20001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T20001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T20001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T20001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T20001 CS_OFFL_SIR_IOPM_2_20180813T203228_20180813T20001 CS_OFFL_SIR_IOPM_2_20180813T203200_C001 CS_OFFL_SIR_IOPM_2_20180813T203200_C001 CS_OFFL_SIR_IOPM_2_20180813T20300_C001 CS_OFFL_SIR_IOPM_2_20180813T203000137224056_C001 CS_OFFL_SIR_IOPM_2_20180813T220300_20180813T22056_C001 CS_OFFL_SIR_IOPM_2_20180813T220300_20180813T22056_C001 CS_OFFL_SIR_IOPM_2_20180813T220300_20180813T20001 CS_OFFL_SIR_IOPM_2_20180813T2030000137224006_C001 CS_OFFL_SIR_IOPM_2_20180813T2030000137225711_C001 CS_OFFL_SIR_IOPM_2_20180813T2030000137225701_C001 CS_OFFL_SIR_IOPM_2_20180813T2030000137225701_C001 CS_OFFL_SIR_IOPM_2_20180813T20300000137225701_C001 CS_OFFL_SIR_IOPM_2_20180813T20300000137225701_C001 CS_OFFL_SIR_IOPM_2_20180813T20300000137225701_C001 CS_OFFL_SIR_IOPM_2_20180813T20300000137225701_C001 CS_OFFL_SIR_IOPM_2_20180813T2000000000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20180813T175430_20180813T175916_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T190083_20180813T191048_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status F	CS_OFFL_SIR_IOPM_2_20180813T180520_20180813T182740_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T191627_20180813T192619_C001 CS_OFFL_SIR_IOPM_2_20180813T193627_10180813T192619_C001 CS_OFFL_SIR_IOPM_2_20180813T193425_20180813T193944_C001 CS_OFFL_SIR_IOPM_2_20180813T193425_20180813T193944_C001 CS_OFFL_SIR_IOPM_2_20180813T193425_20180813T200447_C001 CS_OFFL_SIR_IOPM_2_20180813T19345_20180813T200447_C001 CS_OFFL_SIR_IOPM_2_20180813T201852_20180813T200447_C001 CS_OFFL_SIR_IOPM_2_20180813T201852_20180813T20030_C001 CS_OFFL_SIR_IOPM_2_20180813T211256_20180813T20030_C001 CS_OFFL_SIR_IOPM_2_20180813T211256_20180813T20002_C001 CS_OFFL_SIR_IOPM_2_20180813T211256_20180813T20002_C001 CS_OFFL_SIR_IOPM_2_20180813T211256_20180813T220002_C001 CS_OFFL_SIR_IOPM_2_20180813T21135_20180813T220002_C001 CS_OFFL_SIR_IOPM_2_20180813T22135_20180813T220002_C001 CS_OFFL_SIR_IOPM_2_20180813T22135_20180813T220002_C001 CS_OFFL_SIR_IOPM_2_20180813T22135_20180813T22056_C001 CS_OFFL_SIR_IOPM_2_20180813T22135_20180813T22056_C001 CS_OFFL_SIR_IOPM_2_20180813T220202_20180813T221505_C001 CS_OFFL_SIR_IOPM_2_20180813T220202_20180813T221505_C001 CS_OFFL_SIR_IOPM_2_20180813T220202_20180813T221505_C001 CS_OFFL_SIR_IOPM_2_20180813T220202_20180813T231255_C001 CS_OFFL_SIR_IOPM_2_20180813T22002_20180813T231255_C001 CS_OFFL_SIR_IOPM_2_20180813T2332006_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T233208_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T233208_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T231255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T231255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T21255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T21255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T21255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T21255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T21255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T21255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T21255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T21255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T21255_C001 CS_OFFL_SIR_IOPM_2_20180813T23340_20180813T2	CS_OFFL_SIR_IOPM_2_20180813T184024_20180813T184120_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T193349_20180813T20047_C001 CS_OFFL_SIR_IOPM_2_20180813T193349_20180813T20047_C001 CS_OFFL_SIR_IOPM_2_20180813T219552_20180813T20047_C001 CS_OFFL_SIR_IOPM_2_20180813T210552_20180813T20047_C001 CS_OFFL_SIR_IOPM_2_20180813T201652_20180813T20048_C001 CS_OFFL_SIR_IOPM_2_20180813T2125652_20180813T21815_C001 CS_OFFL_SIR_IOPM_2_20180813T2125652_20180813T221042_C001 CS_OFFL_SIR_IOPM_2_20180813T221052_20180813T221040_C001 CS_OFFL_SIR_IOPM_2_20180813T221052_20180813T221040_C001 CS_OFFL_SIR_IOPM_2_20180813T221052_20180813T221040_C001 CS_OFFL_SIR_IOPM_2_20180813T221052_20180813T221040_C001 CS_OFFL_SIR_IOPM_2_20180813T221052_20180813T221040_C001 CS_OFFL_SIR_IOPM_2_20180813T221052_20180813T220040_C001 CS_OFFL_SIR_IOPM_2_20180813T221052_20180813T220052_C001 CS_OFFL_SIR_IOPM_2_20180813T223042_20180813T224057_C001 CS_OFFL_SIR_IOPM_2_20180813T223042_20180813T225014_C001 CS_OFFL_SIR_IOPM_2_20180813T223042_20180813T225014_C001 CS_OFFL_SIR_IOPM_2_20180813T223042_20180813T232050_C001 CS_OFFL_SIR_IOPM_2_20180813T2302052_20180813T232050_C001 CS_OFFL_SIR_IOPM_2_20180813T2302052_20180813T232050_C001 CS_OFFL_SIR_IOPM_2_20180813T2302052_20180813T232050_C001 CS_OFFL_SIR_IOPM_2_20180813T230052_20180813T232050_C001 CS_OFFL_SIR_IOPM_2_20180813T230052_20180813T232050_C001 CS_OFFL_SIR_IOPM_2_20180813T230052_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T230052_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T230052_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T230052_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T124550_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T124550_C001 CS_OFFL_SIR_IOPM_2_20180813T124550_C001 CS_OFFL_SIR_IOPM_2_20180813T124550_C00180813T17542_C001 CS_OFFL_SIR_IOPM_2_20180813T124550_C00180813T17542_C001 CS_OFFL_SIR_IOPM_2_20180813T124550_C00180813T17542_C001 CS_OFFL_SIR_IOPM_2_20180813T124550_C00180813T17542_C001 CS_OFFL_SIR_IOPM_2_20180813T124550_C00180813T1754250_C00180813T1754250_C00180813T1754250_C00180813T1754250_C00180813T1754250_C00180813T175425	CS_OFFL_SIR_IOPM_2_20180813T190053_20180813T191048_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_JOPM_2_20180813T194259_20180813T200447_C001 CS_OFFL_SIR_JOPM_2_20180813T201652_20180813T200456_C001 CS_OFFL_SIR_JOPM_2_20180813T203228_20180813T210530_C001 CS_OFFL_SIR_JOPM_2_20180813T211256_20180813T211256_C001 CS_OFFL_SIR_JOPM_2_20180813T211256_20180813T210510 CS_OFFL_SIR_JOPM_2_20180813T211256_20180813T210510 CS_OFFL_SIR_JOPM_2_20180813T211255_20180813T220010 CS_OFFL_SIR_JOPM_2_20180813T221015_20180813T2201010 CS_OFFL_SIR_JOPM_2_20180813T221015_20180813T221010 CS_OFFL_SIR_JOPM_2_20180813T2232342_20180813T221215_C001 CS_OFFL_SIR_JOPM_2_20180813T223304_20180813T2231010 CS_OFFL_SIR_JOPM_2_20180813T223304_20180813T2231010 CS_OFFL_SIR_JOPM_2_20180813T2323029_20180813T231215_C001 CS_OFFL_SIR_JOPM_2_20180813T2323029_20180813T231215_C001 CS_OFFL_SIR_JOPM_2_20180813T231403_20180813T231215_C001 CS_OFFL_SIR_JOPM_2_20180813T230229_20180813T231215_C001 CS_OFFL_SIR_JOPM_2_20180813T231403_20180813T231215_C001 CS_OFFL_SIR_JOPM_2_20180813T231403_20180813T231215_C001 CS_OFFL_SIR_JOPM_2_20180813T231403_20180813T231215_C001 CS_OFFL_SIR_JOPM_2_20180813T231403_20180813T231215_C001 CS_OFFL_SIR_JOPM_2_20180813T231403_20180813T231215_C001 CS_OFFL_SIR_JOPM_2_20180813T231403_20180813T23145_C001 CS_OFFL_SIR_JOPM_2_20180813T231403_20180813T23145_C001 CS_OFFL_SIR_JOPM_2_20180813T231403_20180813T23145_C001 CS_OFFL_SIR_JOPM_2_20180813T175022_20180813T1256_C001 CS_OFFL_SIR_JOPM_2_20180813T175022_20180813T1256_C001 CS_OFFL_SIR_JOPM_2_20180813T1203140_C0180813T121255_C001 CS_OFFL_SIR_JOPM_2_20180813T1203110533_20180813T121255_C001 CS_OFFL_SIR_JOPM_2_20180813T1203105_C001 CS_OFFL_SIR_JOPM_2_20180813T1203105_C001 CS_OFFL_SIR_JOPM_2_20180813T121456_C001 CS_OFFL_SIR_JOPM_2_20180813T124623_20180813T125450_C001 CS_OFFL_SIR_JOPM_2_20180813T124623_20180813T125450_C001 CS_OFFL_SIR_JOPM_2_20180813T124630_C0180813T125450_C001 CS_OFFL_SIR_JOPM_2_20180813T124630_C0180813T125450_C001 CS_OFFL_SIR_JOPM_2_20180813T124630_C0180813T125450_C001 CS_OFFL_SIR_JOPM_2_20180813T124630_C0180813T125450_C001 CS_OFFL_SIR_JO	CS_OFFL_SIR_IOPM_2_20180813T191627_20180813T192619_C001	Ocean Range Averaging Status	
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CS_OFFL_SIR_IOPM_2_20180813T22342_20180813T222457_C001 CS_OFFL_SIR_IOPM_2_20180813T222342_20180813T222457_C001 CS_OFFL_SIR_IOPM_2_20180813T225304_20180813T225711_C001 CS_OFFL_SIR_IOPM_2_20180813T230229_20180813T231215_C001 CS_OFFL_SIR_IOPM_2_20180813T231232_20180813T231215_C001 CS_OFFL_SIR_IOPM_2_20180813T231403_20180813T232008_C001 CS_OFFL_SIR_IOPM_2_20180813T231403_20180813T232008_C001 CS_OFFL_SIR_IOPM_2_20180813T23149_20180813T232036_C001 CS_OFFL_SIR_IOPM_2_20180813T175022_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T175022_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T210941_20180813T211256_C001 CS_OFFL_SIR_IOPM_2_20180813T23740_20180813T231256_C001 CS_OFFL_SIR_IOPM_2_20180813T175022_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T23740_20180813T231256_C001 CS_OFFL_SIR_IOPM_2_20180813T23740_20180813T231256_C001 CS_OFFL_SIR_IOPM_2_20180813T23740_20180813T231256_C001 CS_OFFL_SIR_IOPM_2_20180813T175735_20180813T105833_C001 CS_OFFL_SIR_IOPM_2_20180813T12456_20180813T12925_C001 CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T12925_C001 CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T1245505_20180813T152505_00180813T	CS_OFFL_SIR_IOPM_2_20180813T221012_20180813T221041_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T225304_20180813T225711_C001 CS_OFFL_SIR_IOPM_2_20180813T2325304_20180813T231215_C001 CS_OFFL_SIR_IOPM_2_20180813T230229_20180813T231215_C001 CS_OFFL_SIR_IOPM_2_20180813T231403_20180813T232008_C001 CS_OFFL_SIR_IOPM_2_20180813T231403_20180813T232008_C001 CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T232008_C001 CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T232636_C001 CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T232636_C001 CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T210941_20180813T211256_C001 CS_OFFL_SIR_IOPM_2_20180813T210941_20180813T211256_C001 CS_OFFL_SIR_IOPM_2_20180813T23740_20180813T234046_C001 CS_OFFL_SIR_IOPM_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CCS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CCS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CCS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CCS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CCS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T125322_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T1524458_20180813T152385_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152605_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152605_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152605_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152605_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152605_20180813T152785_C001 CCS_OFFL_SIR_IOPR_2_20180813T152	CS_OFFL_SIR_IOPM_2_20180813T221135_20180813T222056_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T230229_20180813T231215_C001 CS_OFFL_SIR_IOPM_2_20180813T231203_20180813T2312008_C001 CS_OFFL_SIR_IOPM_2_20180813T231403_20180813T232038_C001 CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T232636_C001 CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T232636_C001 CS_OFFL_SIR_IOPM_2_20180813T175022_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T175022_20180813T175142_C001 CS_OFFL_SIR_IOPM_2_20180813T210941_20180813T211256_C001 CS_OFFL_SIR_IOPM_2_20180813T210941_20180813T211256_C001 CS_OFFL_SIR_IOPM_2_20180813T233740_20180813T234046_C001 CS_OFFL_SIR_IOPM_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPM_2_20180813T121456_20180813T1121925_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125505_20180813T125751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152551_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152551_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152505_C0180813T152505_	CS_OFFL_SIR_IOPM_2_20180813T222342_20180813T224457_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T231403_20180813T23208_C001 CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T232636_C001 CS_OFFL_SIR_IOPM_2_20180813T175022_20180813T175142_C001 CS_OFFL_SIR_IOPN_2_20180813T175022_20180813T175142_C001 CS_OFFL_SIR_IOPN_2_20180813T210941_20180813T211256_C001 CS_OFFL_SIR_IOPN_2_20180813T210941_20180813T211256_C001 CS_OFFL_SIR_IOPN_2_20180813T230740_20180813T234046_C001 CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T12466_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T1246623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T1246623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T125505_20180813T152505	CS_OFFL_SIR_IOPM_2_20180813T225304_20180813T225711_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T232636_C001 CS_OFFL_SIR_IOPM_2_20180813T175022_20180813T175142_C001 CS_OFFL_SIR_IOPN_2_20180813T175022_20180813T175142_C001 CS_OFFL_SIR_IOPN_2_20180813T233740_20180813T211256_C001 CS_OFFL_SIR_IOPN_2_20180813T233740_20180813T234046_C001 CS_OFFL_SIR_IOPR_2_20180813T233740_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T125505_20180813T125322_C001 CCean Range Averaging Status CCS_OFFL_SIR_IOPR_2_20180813T125505_20180813T125751_C001 CCEAN Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status F	CS_OFFL_SIR_IOPM_2_20180813T230229_20180813T231215_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T175142_C001 CS_OFFL_SIR_IOPN_2_20180813T210941_20180813T211256_C001 CS_OFFL_SIR_IOPN_2_20180813T210941_20180813T211256_C001 CS_OFFL_SIR_IOPN_2_20180813T233740_20180813T211256_C001 CS_OFFL_SIR_IOPN_2_20180813T233740_20180813T234046_C001 CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T1245623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T1245623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T125055_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T1224426_C001 CCS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T1224426_C001 CCS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T1224426_C001 CCS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T1224426_C001 CCS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T152751_C001 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_IOPM_2_20180813T231403_20180813T232008_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPN_2_20180813T1210941_20180813T211256_C001 Ice Range Averaging Status CS_OFFL_SIR_IOPN_2_20180813T233740_20180813T234046_C001 CS_OFFL_SIR_IOPN_2_20180813T233740_20180813T234046_C001 CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T12505_20180813T152505_20180813T152505_20180813T152505_20180813T15234826_C001 CS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T15224826_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15224826_C001 CS_OFFL_SIR_IOPR_2_20180813T1523458_20180813T15224826_C001 CS_OFFL_SIR_IOPR_2_20180813T1523458_20180813T15224826_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15224826_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15224826_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15234826_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15234826_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15234826_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15234826_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15234826_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15234826_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15234826_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152751_C001 CCS_OFFL_	CS_OFFL_SIR_IOPM_2_20180813T232149_20180813T232636_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPN_2_20180813T233740_20180813T234046_C001 CS_OFFL_SIR_IOPN_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_IOPN_2_20180813T175022_20180813T175142_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPR_2_20180813T23374U_20180813T234046_C001 CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152505_20180813T152505_20180813T152505_20180813T152505_20180813T15234826_C001 CS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T15234826_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15234826_C001 CS_OFFL_SIR_IOPR_2_20180813T224458_20180813T15234826_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T15234826_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T1	CS_OFFL_SIR_IOPN_2_20180813T210941_20180813T211256_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T12925_C001 CS_OFFL_SIR_IOPR_2_20180813T12456_20180813T12925_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T1224826_C001	CS_OFFL_SIR_IOPN_2_20180813T233740_20180813T234046_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T1	CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPR_2_20180813T12924258_20180813T125252_C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPR_2_20180813T1224458_20180813T1224826_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPR_2_201808131152505_201808131152751_C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001	Ocean Range Averaging Status	
	CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001	Ocean Range Averaging Status	
	CS_OFFL_SIR_IOPR_2_20180813T224458_20180813T224826_C001	Ocean Range Averaging Status	

5.7 L2 SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags raised in the Level 2 products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

SWH Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ocean Backscatter Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Product	Test Failed	Description
CS OFFE SIR IOPM 2 201808121235258 201808131002557 C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
		The SWH and Ocean Averaging Status Flags have been set for one or more records.

	lovers a constant	T. 000
CS_OFFL_SIR_IOPM_2_20180813T003858_20180813T005400_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T010022_20180813T011450_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T012258_20180813T012508_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180813T013349_20180813T014611_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T014752_20180813T020502_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180813T022722_20180813T023713_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T023916_20180813T025352_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T025643_20180813T030138_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T030142_20180813T030150_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180813T031101_20180813T031332_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T032739_20180813T034035_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T041754_20180813T043242_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180813T043623_20180813T044106_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T044834_20180813T051418_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T054715_20180813T061141_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T061608_20180813T062005_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T062026_20180813T062350_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180813T062728_20180813T063820_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T064353_20180813T065346_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T072507_20180813T075104_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180813T075435_20180813T075919_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T075924_20180813T080254_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T080746_20180813T084044_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T085213_20180813T085605_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T092522_20180813T092732_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T093423_20180813T093946_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS OFFL SIR IOPM 2 20180813T094651 20180813T100751 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T101037_20180813T102203_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T103157_20180813T103545_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T105154_20180813T105734_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR IOPM 2 20180813T105833 20180813T110838 C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180813T111352_20180813T111845_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T112557_20180813T115814_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180813T115821_20180813T120201_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T121925_20180813T124623_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T130535_20180813T132210_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T132651_20180813T133428_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T134951_20180813T135257_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180813T135526_20180813T141053_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T141307_20180813T142724_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180813T143743_20180813T144201_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T144433_20180813T145839_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180813T150018_20180813T151624_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180813T153406_20180813T154512_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T154544_20180813T154753_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T155439_20180813T160825_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T161238_20180813T162106_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T162432_20180813T164606_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T171243_20180813T171938_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T172154_20180813T174801_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180813T175143_20180813T175337_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

SWH Averaging Status SWH Avera	CS_OFFL_SIR_IOPM_2_20180813T175430_20180813T175916_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
GS_OFFL_SIR_IOPM_2_20180813T1802A_0180813T184120_C001 Sign Averaging Status Status SWH Averaging Status SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180813T190332_0180813T180344_C001 CS_OFFL_SIR_IOPM_2_20180813T190332_0180813T1200447_C001 SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180813T190332_0180813T1200447_C001 SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging St	CS_OFFL_SIR_IOPM_2_20180813T180412_20180813T180512_C001		
Backscatter Averaging Status more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status Cocan Backscatter Averaging Status Flags ha	CS_OFFL_SIR_IOPM_2_20180813T180520_20180813T182740_C001		
SOFFL SIR_IOPM 2_20180813T191827_20180813T193944_C001 SSWH Averaging Status GS_OFFL_SIR_IOPM 2_20180813T19349_1040817001 SWH Averaging Status GS_OFFL_SIR_IOPM 2_20180813T19349_20180813T203447_C001 SWH Averaging Status SWH Averaging Stat	CS_OFFL_SIR_IOPM_2_20180813T184024_20180813T184120_C001		
Seyner Services of the Service of th	CS_OFFL_SIR_IOPM_2_20180813T190053_20180813T191048_C001		
CS_OFFL_SIR_IOPM_2_201808137194259_20180813720047_C001 SWH Averaging Status. Ocean more records. SWH averaging Status. Ocean mackscatter averaging Status Flag has been set for one or more records. SWH averaging Status. Ocean mackscatter averaging Status Flag has been set for one or more records. SWH averaging Status. Ocean mackscatter averaging Status Flag has been set for one or more records. SWH averaging Status. Ocean mackscatter averaging Status Flag has been set for one or more records. SWH averaging Status. Ocean mackscatter averaging Status Flag has been set for one or more records. SWH averaging Status. Ocean mackscatter averaging Status Flag has	CS_OFFL_SIR_IOPM_2_20180813T191627_20180813T192619_C001		
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Backscatter Averaging Status more records. CS_OFFL_SIR_IOPR_2_20180813T105735_20180813T105833_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T124623_20180813T125322_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001	CS_OFFL_SIR_IOPN_2_20180813T210941_20180813T211256_C001	Ice Backscatter Averaging Status	
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Backscatter Averaging Status more records. CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001 Backscatter Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status SWH Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPR_2_20180813T121456_20180813T121925_C001		
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	CS_OFFL_SIR_IOPR_2_20180813T152505_20180813T152751_C001		
• •	CS_OFFL_SIR_IOPR_2_20180813T224458_20180813T224826_C001		

5.8 L2 Ocean Retracking Quality Check

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

Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below.

Number of products with errors:

6. IOP L2 Pole-to-Pole Data Quality Check

6.1 P2P 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 NetCDF product file (.nc).

Number of products with errors:

6.2 P2P Product Header Analysis

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

Number of products with errors:

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767).

60

Number of products with errors:

6.5 P2P Measurement Confidence Data Check

CryoSat P2P data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180813T021221_20180813T030200_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOP_220180813T030200_20180813T035134_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

6.6 P2P Range Measurement Check

CryoSat P2P data includes an Ocean and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags raised in the P2P products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Number of products with errors:

29

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180812T234333_20180813T003307_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T003307_20180813T012247_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T012247_20180813T021221_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T021221_20180813T030200_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T030200_20180813T035134_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T035134_20180813T044114_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T044114_20180813T053048_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T053048_20180813T062028_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T062028_20180813T071002_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T071002_20180813T075941_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T075941_20180813T084915_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T084915_20180813T093855_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T093855_20180813T102829_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T102829_20180813T111808_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T111808_20180813T120742_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T120742_20180813T125722_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T125722_20180813T134656_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T134656_20180813T143635_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T143635_20180813T152610_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T152610_20180813T161549_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T161549_20180813T170523_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T170523_20180813T175503_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T175503_20180813T184437_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T184437_20180813T193416_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T193416_20180813T202350_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T202350_20180813T211330_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T211330_20180813T220304_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T220304_20180813T225243_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T225243_20180813T234218_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

CryoSat P2P data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags raised in the P2P products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

SWH Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ocean Backscatter Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Product	Test Failed	Description
CS_OFFL_SIR_IOP_2_20180812T234333_20180813T003307_C002		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T003307_20180813T012247_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T012247_20180813T021221_C001	Backscaffer Averaging Status Ice	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T021221_20180813T030200_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_IOP_220180813T030200_20180813T035134_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
	Backscatter Averaging Status SWH Averaging Status, Ocean	The SWH, Ocean and Ice Averaging Status Flags have been set for one
CS_OFFL_SIR_IOP_220180813T035134_20180813T044114_C001	Backscatter Averaging Status, Ice Backscatter Averaging Status	or more records.
CS_OFFL_SIR_IOP_220180813T044114_20180813T053048_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T053048_20180813T062028_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T062028_20180813T071002_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T071002_20180813T075941_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T075941_20180813T084915_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T084915_20180813T093855_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T093855_20180813T102829_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T102829_20180813T111808_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T111808_20180813T120742_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T120742_20180813T125722_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T125722_20180813T134656_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T134656_20180813T143635_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T143635_20180813T152610_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T152610_20180813T161549_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T161549_20180813T170523_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T170523_20180813T175503_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T175503_20180813T184437_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T184437_20180813T193416_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T193416_20180813T202350_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T202350_20180813T211330_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T211330_20180813T220304_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180813T220304_20180813T225243_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180813T225243_20180813T234218_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below.

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180813T003307_20180813T012247_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T012247_20180813T021221_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T021221_20180813T030200_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T030200_20180813T035134_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T044114_20180813T053048_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T062028_20180813T071002_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T071002_20180813T075941_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T075941_20180813T084915_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T084915_20180813T093855_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T093855_20180813T102829_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

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CS_OFFL_SIR_IOP_220180813T102829_20180813T111808_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T111808_20180813T120742_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T120742_20180813T125722_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T125722_20180813T134656_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T134656_20180813T143635_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T143635_20180813T152610_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T152610_20180813T161549_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T161549_20180813T170523_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T170523_20180813T175503_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T175503_20180813T184437_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T193416_20180813T202350_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T202350_20180813T211330_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T211330_20180813T220304_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T220304_20180813T225243_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180813T225243_20180813T234218_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.