| Report Production: | 05-Mar-2018 |
| :---: | :---: |
| Processor Used: | CryoSat Ocean Processor |
| Data Used: | Geophysical Ocean Products (GOP) <br> 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 | See Section 5.2 | Nominal |
| Auxiliary Data File Usage Check | Nominal | Nominal |
| Auxiliary Correction Error Check | Nominal | Nominal |
| Measurement Confidence Data Check | See Section 4.6 | Nominal |
| 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 |

[^0]
## 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. GOP 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:

### 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.
Number of products with errors:

### 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:

### 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.

Number of products with errors:

### 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:

## 16

| Product | Test Failed | Description |
| :--- | :--- | :--- |
| CS_OFFL_SIR_GOPM1B_20180202T060107_20180202T060203_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPM1B_20180202T113049_20180202T114633_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPM1B_20180202T201604_20180202T205036_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPM1B_20180202T235302_20180203T000225_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20180202T024939_20180202T025428_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20180202T060049_20180202T060107_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20180202T091917_20180202T092317_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20180202T042441_20180202T04300__C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20180202T060348_20180202T061144_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20180202T092746_20180202T093047_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20180202T112847_20180202T113049_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20180202T141951_20180202T142510_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20180202T174344_20180202T174522_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20180202T192342_20180202T192438_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20180202T193224_20180202T193601_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20180202T235101_20180202T235302_C001 | Loss of Echo | The tracking echo is missing for one or more records |

## 5. GOP 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:

## Product

Test Failed
CS_OFFL_SIR_GOPR_2_20180202T173356_20180202T173403_C001 Percentage of processing errors detected greater than minimum acceptable threshold.

### 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:

### 5.5 L2 Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag for each $20-\mathrm{Hz}$ measurement record. The bit value of this flag indicates any problems when set.
Number of products with errors:

### 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.
Number of products with errors:

Product
CS_OFFL_SIR_GOPM_2_20180201T235944_20180202T001120_C001 CS_OFFL_SIR_GOPM_2_20180202T001713_20180202T001934_C001 CS_OFFL_SIR_GOPM_2_20180202T002006_20180202T002428_C001 CS_OFFL_SIR_GOPM_2_20180202T002610_20180202T004108_C001 CS_OFFL_SIR_GOPM_2_20180202T004248_20180202T005725_C001 CS_OFFL_SIR_GOPM_2_20180202T012058_20180202T012652_C001 CS_OFFL_SIR_GOPM_2_20180202T012814_20180202T013250_C001 CS_OFFL_SIR_GOPM_2_20180202T013608_20180202T015213_C001 CS_OFFL_SIR_GOPM_2_20180202T015500_20180202T020337_C001 CS_OFFL_SIR_GOPM_2_20180202T020552_20180202T022834_C001 CS_OFFL_SIR_GOPM_2_20180202T030538_20180202T033137_C001 CS_OFFL_SIR_GOPM_2_20180202T033414_20180202T033603_C001 CS_OFFL_SIR_GOPM_2_20180202T033701_20180202T034135_C001 CS_OFFL_SIR_GOPM_2_20180202T034418_20180202T041409_C001 CS_OFFL_SIR_GOPM_2_20180202T044314_20180202T045320_C001 CS_OFFL_SIR_GOPM_2_20180202T045857_20180202T050939_C001 CS_OFFL_SIR_GOPM_2_20180202T051618_20180202T052210_C001 CS_OFFL_SIR_GOPM_2_20180202T052346_20180202T054546_C001 CS_OFFL_SIR_GOPM_2_20180202T054621_20180202T054850_C001 CS_OFFL_SIR_GOPM_2_20180202T060107_20180202T060203_C001 CS_OFFL_SIR_GOPM_2_20180202T061443_20180202T064926_C001 CS_OFFL_SIR_GOPM_2_20180202T065525_20180202T070042_C001 CS_OFFL_SIR_GOPM_2_20180202T070239_20180202T070521_C001 CS_OFFL_SIR_GOPM_2_20180202T070720_20180202T070924_C001 CS_OFFL_SIR_GOPM_2_20180202T073812_20180202T074038_C001 CS_OFFL_SIR_GOPM_2_20180202T075450_20180202T080328_C001 CS_OFFL_SIR_GOPM_2_20180202T080614_20180202T082821_C001 CS_OFFL_SIR_GOPM_2_20180202T083408_20180202T083526_C001 CS_OFFL_SIR_GOPM_2_20180202T083533_20180202T083940_C001 CS_OFFL_SIR_GOPM_2_20180202T084146_20180202T085445_C001 CS_OFFL_SIR_GOPM_2_20180202T085632_20180202T090248_C001 CS_OFFL_SIR_GOPM_2_20180202T090423_20180202T090906_C001 CS_OFFL_SIR_GOPM_2_20180202T093429_20180202T100724_C001 CS_OFFL_SIR_GOPM_2_20180202T100910_20180202T101424_C001 CS_OFFL_SIR_GOPM_2_20180202T102524_20180202T105549_C001 CS_OFFL_SIR_GOPM_2_20180202T110031_20180202T110118_C001 CS_OFFL_SIR_GOPM_2_20180202T111550_20180202T112847_C001 CS_OFFL_SIR_GOPM_2_20180202T113049_20180202T114633_C001 CS_OFFL_SIR_GOPM_2_20180202T114820_20180202T115322_C001 CS_OFFL_SIR_GOPM_2_20180202T115401_20180202T115525_C001 CS_OFFL_SIR_GOPM_2_20180202T120247_20180202T121259_C001 CS_OFFL_SIR_GOPM_2_20180202T121918_20180202T123017_C001 CS_OFFL_SIR_GOPM_2_20180202T125704_20180202T130331_C001 CS_OFFL_SIR_GOPM_2_20180202T130627_20180202T130909_C001 CS_OFFL_SIR_GOPM_2_20180202T131049_20180202T132520_C001 CS_OFFL_SIR_GOPM_2_20180202T132733_20180202T133232_C001 CS_OFFL_SIR_GOPM_2_20180202T133315_20180202T133419_C001 CS_OFFL_SIR_GOPM_2_20180202T133902_20180202T141248_C001 CS_OFFL_SIR_GOPM_2_20180202T144217_20180202T150521_C001 CS_OFFL_SIR_GOPM_2_20180202T150817_20180202T151149_C001 CS_OFFL_SIR_GOPM_2_20180202T151156_20180202T151205_C001

Test Failed

|  |  |
| :---: | :---: |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
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| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice 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 records.
The Ice Range Averaging Status Flag has been set for one or more The Ocean Range Averaging Status Flag has been set for one or more records.
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The Ocean Range Averaging Status Flag has been set for one or more records. records.
The Ocean Range Averaging Status Flag has been set for one or more records. records.
The Range Averaging Status Flag has been set for one or more The Ocean Range Averaging Status Flag has been set for one or more records.
records. records. records.

CS_OFFL_SIR_GOPM_2_20180202T151803_20180202T154708_C001 CS_OFFL_SIR_GOPM_2_20180202T161849_20180202T164420_C001 CS_OFFL_SIR_GOPM_2_20180202T164559_20180202T165103_C001 CS_OFFL_SIR_GOPM_2_20180202T165110_20180202T165437_C001 CS_OFFL_SIR_GOPM_2_20180202T165827_20180202T170909_C001 CS_OFFL_SIR_GOPM_2_20180202T171445_20180202T173209_C001 CS_OFFL_SIR_GOPM_2_20180202T175438_20180202T180455_C001 CS_OFFL_SIR_GOPM_2_20180202T181748_20180202T182353_C001 CS_OFFL_SIR_GOPM_2_20180202T182558_20180202T183135_C001 CS_OFFL_SIR_GOPM_2_20180202T183737_20180202T191043_C001 CS_OFFL_SIR_GOPM_2_20180202T192438_20180202T192534_C001 CS_OFFL_SIR_GOPM_2_20180202T194407_20180202T200315_C001 CS_OFFL_SIR_GOPM_2_20180202T200521_20180202T201030_C001 CS_OFFL_SIR_GOPM_2_20180202T201604_20180202T205036_C001 CS_OFFL_SIR_GOPM_2_20180202T212023_20180202T213759_C001 CS_OFFL_SIR_GOPM_2_20180202T214728_20180202T214932_C001 CS_OFFL_SIR_GOPM_2_20180202T215635_20180202T221232_C001 CS_OFFL_SIR_GOPM_2_20180202T221237_20180202T221756_C001 CS_OFFL_SIR_GOPM_2_20180202T221830_20180202T222549_C001 CS_OFFL_SIR_GOPM_2_20180202T224532_20180202T230342_C001 CS_OFFL_SIR_GOPM_2_20180202T230449_20180202T231829_C001 CS_OFFL_SIR_GOPM_2_20180202T232642_20180202T232841_C001 CS_OFFL_SIR_GOPM_2_20180202T233526_20180202T235100_C001 CS_OFFL_SIR_GOPM_2_20180202T235302_20180203T000225_C001 CS_OFFL_SIR_GOPN_2_20180202T001934_20180202T002006_C001 CS_OFFL_SIR_GOPN_2_20180202T033251_20180202T033414_C001 CS_OFFL_SIR_GOPN_2_20180202T060049_20180202T060107_C001 CS_OFFL_SIR_GOPN_2_20180202T173427_20180202T173540_C001 CS_OFFL_SIR_GOPN_2_20180202T174319_20180202T174344_C001 CS_OFFL_SIR_GOPR_2_20180202T010435_20180202T010521_C001 CS_OFFL_SIR_GOPR_2_20180202T010717_20180202T011026_C001 CS_OFFL_SIR_GOPR_2_20180202T024249_20180202T024938_C001 CS_OFFL_SIR_GOPR_2_20180202T074222_20180202T075124_C001 CS_OFFL_SIR_GOPR_2_20180202T092317_20180202T092746_C001 CS_OFFL_SIR_GOPR_2_20180202T101425_20180202T101430_C001 CS_OFFL_SIR_GOPR_2_20180202T192342_20180202T192438_C001 CS_OFFL_SIR_GOPR_2_20180202T205317_20180202T210020_C001

| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| :---: | :---: |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
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| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
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| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
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| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |

### 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.
Number of products with errors:
84

| Product | Test Failed | Description |
| :--- | :--- | :--- |
| CS_OFFL_SIR_GOPM_2_20180202T001713_20180202T001934_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more <br> records. |
| CS_OFFL_SIR_GOPM_2_20180202T002006_20180202T002428_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more <br> records. <br> SWH Averaging Status, Ocean <br> Backscatter Averaging Status |
| SWh SWH and Ocean Averaging Status Flags have been set for one or <br> CWH Averaging Status, Ocean <br> Backscatter Averaging Status <br> SWH Averaging Status, Ocean <br> Backscatter Averaging Status <br> SWH Averaging Status, Ocean <br> Backscatter Averaging Status | The SWH and Ocean Averaging Status Flags have been set for one or <br> more records. | The SWH and Ocean Averaging Status Flags have been set for one or <br> more records. <br> The SWH and Ocean Averaging Status Flags have been set for one or <br> more records. |
| CS_OFFL_SIR_GOPM_2_20180202T012058_20180202T012652_C001 |  |  |

CS_OFFL_SIR_GOPM_2_20180202T013608_20180202T015213_C001 CS_OFFL_SIR_GOPM_2_20180202T015500_20180202T020337_C001 CS_OFFL_SIR_GOPM_2_20180202T020552_20180202T022834_C001 CS_OFFL_SIR_GOPM_2_20180202T030538_20180202T033137_C001 CS_OFFL_SIR_GOPM_2_20180202T033414_20180202T033603_C001 CS_OFFL_SIR_GOPM_2_20180202T033701_20180202T034135_C001 CS_OFFL_SIR_GOPM_2_20180202T034418_20180202T041409_C001 CS_OFFL_SIR_GOPM_2_20180202T044314_20180202T045320_C001 CS_OFFL_SIR_GOPM_2_20180202T045857_20180202T050939_C001 CS_OFFL_SIR_GOPM_2_20180202T051618_20180202T052210_C001 CS_OFFL_SIR_GOPM_2_20180202T052346_20180202T054546_C001 CS_OFFL_SIR_GOPM_2_20180202T054621_20180202T054850_C001 CS_OFFL_SIR_GOPM_2_20180202T060107_20180202T060203_C001 CS_OFFL_SIR_GOPM_2_20180202T061443_20180202T064926_C001 CS_OFFL_SIR_GOPM_2_20180202T065525_20180202T070042_C001 CS_OFFL_SIR_GOPM_2_20180202T070239_20180202T070521_C001 CS_OFFL_SIR_GOPM_2_20180202T070720_20180202T070924_C001 CS_OFFL_SIR_GOPM_2_20180202T075450_20180202T080328_C001 CS_OFFL_SIR_GOPM_2_20180202T080614_20180202T082821_C001 CS_OFFL_SIR_GOPM_2_20180202T083408_20180202T083526_C001 CS_OFFL_SIR_GOPM_2_20180202T083533_20180202T083940_C001 CS_OFFL_SIR_GOPM_2_20180202T084146_20180202T085445_C001 CS_OFFL_SIR_GOPM_2_20180202T085632_20180202T090248_C001 CS_OFFL_SIR_GOPM_2_20180202T090423_20180202T090906_C001 CS_OFFL_SIR_GOPM_2_20180202T093429_20180202T100724_C001 CS_OFFL_SIR_GOPM_2_20180202T100910_20180202T101424_C001 CS_OFFL_SIR_GOPM_2_20180202T102524_20180202T105549_C001 CS_OFFL_SIR_GOPM_2_20180202T111550_20180202T112847_C001 CS_OFFL_SIR_GOPM_2_20180202T113049_20180202T114633_C001 CS_OFFL_SIR_GOPM_2_20180202T114820_20180202T115322_C001 CS_OFFL_SIR_GOPM_2_20180202T115342_20180202T115353_C001 CS_OFFL_SIR_GOPM_2_20180202T115401_20180202T115525_C001 CS_OFFL_SIR_GOPM_2_20180202T120247_20180202T121259_C001 CS_OFFL_SIR_GOPM_2_20180202T121918_20180202T123017_C001 CS_OFFL_SIR_GOPM_2_20180202T125704_20180202T130331_C001 CS_OFFL_SIR_GOPM_2_20180202T130627_20180202T130909_C001 CS_OFFL_SIR_GOPM_2_20180202T131049_20180202T132520_C001 CS_OFFL_SIR_GOPM_2_20180202T132733_20180202T133232_C001 CS_OFFL_SIR_GOPM_2_20180202T133902_20180202T141248_C001 CS_OFFL_SIR_GOPM_2_20180202T144217_20180202T150521_C001 CS_OFFL_SIR_GOPM_2_20180202T150817_20180202T151149_C001 CS_OFFL_SIR_GOPM_2_20180202T151156_20180202T151205_C001 CS_OFFL_SIR_GOPM_2_20180202T151803_20180202T154708_C001 CS_OFFL_SIR_GOPM_2_20180202T161849_20180202T164420_C001 CS_OFFL_SIR_GOPM_2_20180202T164559_20180202T165103_C001 CS_OFFL_SIR_GOPM_2_20180202T165110_20180202T165437_C001 CS_OFFL_SIR_GOPM_2_20180202T165827_20180202T170909_C001 CS_OFFL_SIR_GOPM_2_20180202T171445_20180202T173209_C001 CS_OFFL_SIR_GOPM_2_20180202T175438_20180202T180455_C001 CS_OFFL_SIR_GOPM_2_20180202T181748_20180202T182353_C001 CS_OFFL_SIR_GOPM_2_20180202T182558_20180202T183135_C001

SWH Averaging Status, Ocean Backscatter Averaging Status
Ice Backscatter Averaging Status
SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status

Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status
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Ice Backscatter Averaging Status

Ice Backscatter Averaging Status
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Ice Backscatter Averaging Status

The SWH and Ocean Averaging Status Flags have been set for one or more records.
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The SWH and Ocean Averaging Status Flags have been set for one or more records.
The Ice Backscatter Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20180202T183737_20180202T191043_C001 CS_OFFL_SIR_GOPM_2_20180202T192438_20180202T192534_C001 CS_OFFL_SIR_GOPM_2_20180202T194407_20180202T200315_C001 CS_OFFL_SIR_GOPM_2_20180202T200521_20180202T201030_C001 CS_OFFL_SIR_GOPM_2_20180202T201604_20180202T205036_C001 CS_OFFL_SIR_GOPM_2_20180202T212023_20180202T213759_C001 CS_OFFL_SIR_GOPM_2_20180202T215635_20180202T221232_C001 CS_OFFL_SIR_GOPM_2_20180202T221237_20180202T221756_C001 CS_OFFL_SIR_GOPM_2_20180202T221830_20180202T222549_C001 CS_OFFL_SIR_GOPM_2_20180202T224532_20180202T230342_C001 CS_OFFL_SIR_GOPM_2_20180202T230449_20180202T231829_C001 CS_OFFL_SIR_GOPM_2_20180202T232642_20180202T232841_C001 CS_OFFL_SIR_GOPM_2_20180202T233526_20180202T235100_C001 CS_OFFL_SIR_GOPM_2_20180202T235302_20180203T000225_C001 CS_OFFL_SIR_GOPN_2_20180202T001934_20180202T002006_C001 CS_OFFL_SIR_GOPN_2_20180202T033251_20180202T033414_C001 CS_OFFL_SIR_GOPN_2_20180202T060049_20180202T060107_C001 CS_OFFL_SIR_GOPN_2_20180202T173427_20180202T173540_C001 CS_OFFL_SIR_GOPN_2_20180202T174319_20180202T174344_C001 CS_OFFL_SIR_GOPR_2_20180202T010435_20180202T010521_C001 CS_OFFL_SIR_GOPR_2_20180202T010717_20180202T011026_C001 CS_OFFL_SIR_GOPR_2_20180202TO24249_20180202T024938_C001 CS_OFFL_SIR_GOPR_2_20180202T074222_20180202T075124_C001 CS_OFFL_SIR_GOPR_2_20180202T092317_20180202T092746_C001 CS_OFFL_SIR_GOPR_2_20180202T101425_20180202T101430_C001 CS_OFFL_SIR_GOPR_2_20180202T192342_20180202T192438_C001 CS_OFFL_SIR_GOPR_2_20180202T205317_20180202T210020_C001

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

The SWH and Ocean Averaging Status Flags have been set for one or more records.
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The Ice Backscatter Averaging Status Flag has been set for one or more records.
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The SWH and Ocean Averaging Status Flags have been set for one or more records.
The Ice Backscatter Averaging Status Flag has 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.

### 5.8 L2 Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag for each $20-\mathrm{Hz}$ 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:
59

## 6. GOP 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).
Number of products with errors:

### 6.5 P2P Measurement Confidence Data Check

CryoSat P2P data includes a measurement confidence flag for each $20-\mathrm{Hz}$ measurement record. The bit value of this flag indicates any problems when set.
Number of products with errors:

### 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.

## Product

CS_OFFL_SIR_GOP_2_20180201T232930_20180202T001907_C002 CS_OFFL_SIR_GOP_2_20180202T001907_20180202T010843_C001 CS_OFFL_SIR_GOP_2_20180202T010843_20180202T015820_C001 CS_OFFL_SIR_GOP_2_20180202T015820_20180202T024757_C001 CS_OFFL_SIR_GOP_2_20180202T024757_20180202T033734_C001 CS_OFFL_SIR_GOP_2_20180202T033734_20180202T042710_C001 CS_OFFL_SIR_GOP_2_20180202T042710_20180202T051648_C001 CS_OFFL_SIR_GOP_2_20180202T051648_20180202T060624_C001 CS_OFFL_SIR_GOP_2_20180202T060624_20180202T065601_C001 CS_OFFL_SIR_GOP_2_20180202T065601_20180202T074538_C001 CS_OFFL_SIR_GOP_2_20180202T074538_20180202T083515_C001 CS_OFFL_SIR_GOP_2_20180202T083515_20180202T092451_C001 CS_OFFL_SIR_GOP_2_20180202T092451_20180202T101428_C001 CS_OFFL_SIR_GOP_2_20180202T101428_20180202T110405_C001 CS_OFFL_SIR_GOP_2_20180202T110405_20180202T115342_C001 CS_OFFL_SIR_GOP_2_20180202T115342_20180202T124318_C001 CS_OFFL_SIR_GOP_2_20180202T124318_20180202T133255_C001 CS_OFFL_SIR_GOP_2_20180202T133255_20180202T142232_C001 CS_OFFL_SIR_GOP_2_20180202T142232_20180202T151209_C001 CS_OFFL_SIR_GOP_2_20180202T151209_20180202T160145_C001 CS_OFFL_SIR_GOP_2_20180202T160145_20180202T165123_C001 CS_OFFL_SIR_GOP_2_20180202T165123_20180202T174059_C001 CS_OFFL_SIR_GOP_2_20180202T174059_20180202T183036_C001 CS_OFFL_SIR_GOP_2_20180202T183036_20180202T192013_C001 CS_OFFL_SIR_GOP_2_20180202T192013_20180202T200950_C001 CS_OFFL_SIR_GOP_2_20180202T200950_20180202T205926_C001 CS_OFFL_SIR_GOP_2_20180202T205926_20180202T214903_C001 CS_OFFL_SIR_GOP_2_20180202T214903_20180202T223840_C001 CS_OFFL_SIR_GOP_2_20180202T223840_20180202T232817_C001 CS_OFFL_SIR_GOP_2_20180202T232817_20180203T001753_C001

Test Failed
Ocean Range Averaging Status, Ice Range Averaging Status Ocean Range Averaging Status, Ice Range Averaging Status
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Ocean Range Averaging Status, Ice Range Averaging Status

Description
The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
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The Ocean Range Averaging Status Flag has been set for one or more records.
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.
Number of products with errors:
30

## Product

CS_OFFL_SIR_GOP_2_20180201T232930_20180202T001907_C002

CS_OFFL_SIR_GOP_2__20180202T001907_20180202T010843_C001

CS_OFFL_SIR_GOP_2_20180202T010843_20180202T015820_C001

CS_OFFL_SIR_GOP_2__20180202T015820_20180202T024757_C001

CS_OFFL_SIR_GOP_2_20180202T024757_20180202T033734_C001

CS_OFFL_SIR_GOP_2_20180202T033734_20180202T042710_C001

CS_OFFL_SIR_GOP_2_20180202T042710_20180202T051648_C001

Test Failed
SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status
SWH Averaging Status, Ocean Backscatter Averaging Status

## Description

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice 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, Ocean and Ice 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_GOP_2__20180202T051648_20180202T060624_C001 CS_OFFL_SIR_GOP_2_20180202T060624_20180202T065601_C001 CS_OFFL_SIR_GOP_2_20180202T065601_20180202T074538_C001 CS_OFFL_SIR_GOP_2_20180202T074538_20180202T083515_C001 CS_OFFL_SIR_GOP_2_20180202T083515_20180202T092451_C001

CS_OFFL_SIR_GOP_2_20180202T092451_20180202T101428_C001

CS_OFFL_SIR_GOP_2_20180202T101428_20180202T110405_C001

CS_OFFL_SIR_GOP_2_20180202T110405_20180202T115342_C001

CS_OFFL_SIR_GOP_2__20180202T115342_20180202T124318_C001

CS_OFFL_SIR_GOP_2_20180202T124318_20180202T133255_C001

CS_OFFL_SIR_GOP_2_20180202T133255_20180202T142232_C001

CS_OFFL_SIR_GOP_2_20180202T142232_20180202T151209_C001

CS_OFFL_SIR_GOP_2_20180202T151209_20180202T160145_C001

CS_OFFL_SIR_GOP_2_20180202T160145_20180202T165123_C001

CS_OFFL_SIR_GOP_2_20180202T165123_20180202T174059_C001

CS_OFFL_SIR_GOP_2_20180202T174059_20180202T183036_C001

CS_OFFL_SIR_GOP_2_20180202T183036_20180202T192013_C001

CS_OFFL_SIR_GOP_2_20180202T192013_20180202T200950_C001

CS_OFFL_SIR_GOP_2_20180202T200950_20180202T205926_C001

CS_OFFL_SIR_GOP_2_20180202T205926_20180202T214903_C001

CS_OFFL_SIR_GOP_2_20180202T214903_20180202T223840_C001

CS_OFFL_SIR_GOP_2_20180202T223840_20180202T232817_C001

CS_OFFL_SIR_GOP_2_20180202T232817_20180203T001753_C001

SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean
Backscatter Averaging Status, Ice Backscatter Averaging Status
SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status
SWH Averaging Status, Ocean Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status

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.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

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The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice 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, Ocean and Ice Averaging Status Flags have been set for one or more records.

The SWH, Ocean and Ice 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 Status Flags have been set for one or more records.

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 $20-\mathrm{Hz}$ 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:
28

## Product

CS_OFFL_SIR_GOP_2_20180201T232930_20180202T001907_C002 CS_OFFL_SIR_GOP_2__20180202T001907_20180202T010843_C001 CS_OFFL_SIR_GOP_2_20180202T010843_20180202T015820_C001 CS_OFFL_SIR_GOP_2__20180202T015820_20180202T024757_C001 CS_OFFL_SIR_GOP_2_20180202T024757_20180202T033734_C001 CS_OFFL_SIR_GOP_2_20180202T033734_20180202T042710_C001 CS_OFFL_SIR_GOP_2__20180202T042710_20180202T051648_C001 CS_OFFL_SIR_GOP_2_20180202T051648_20180202T060624_C001 CS_OFFL_SIR_GOP_2__20180202T060624_20180202T065601_C001 CS_OFFL_SIR_GOP_2__20180202T065601_20180202T074538_C001 CS_OFFL_SIR_GOP_2_20180202T074538_20180202T083515_C001 CS_OFFL_SIR_GOP_2__20180202T083515_20180202T092451_C001 CS_OFFL_SIR_GOP_2_20180202T092451_20180202T101428_C001

## Test Failed

| Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| :--- | :--- |
| Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
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| Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |


| CS_OFFL_SIR_GOP_2_20180202T101428_20180202T110405_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| :--- | :--- | :--- | :--- |
| CS_OFFL_SIR_GOP_2_20180202T110405_20180202T115342_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T115342_20180202T124318_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T124318_20180202T133255_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T133255_20180202T142232_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T142232_20180202T151209_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T151209_20180202T160145_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T160145_20180202T165123_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T174059_20180202T183036_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T192013_20180202T200950_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T200950_20180202T205926_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T205926_20180202T214903_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T214903_20180202T223840_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T223840_20180202T232817_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |
| CS_OFFL_SIR_GOP_2_20180202T232817_20180203T001753_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag has been set for one or more records. |


[^0]:    Mission / Instrument News
    01-Feb-2018 None
    02-Feb-2018 None

    | 02-Feb-2018 | None |
    | :--- | :--- |
    | 03-Feb-2018 | Nothing planned |

