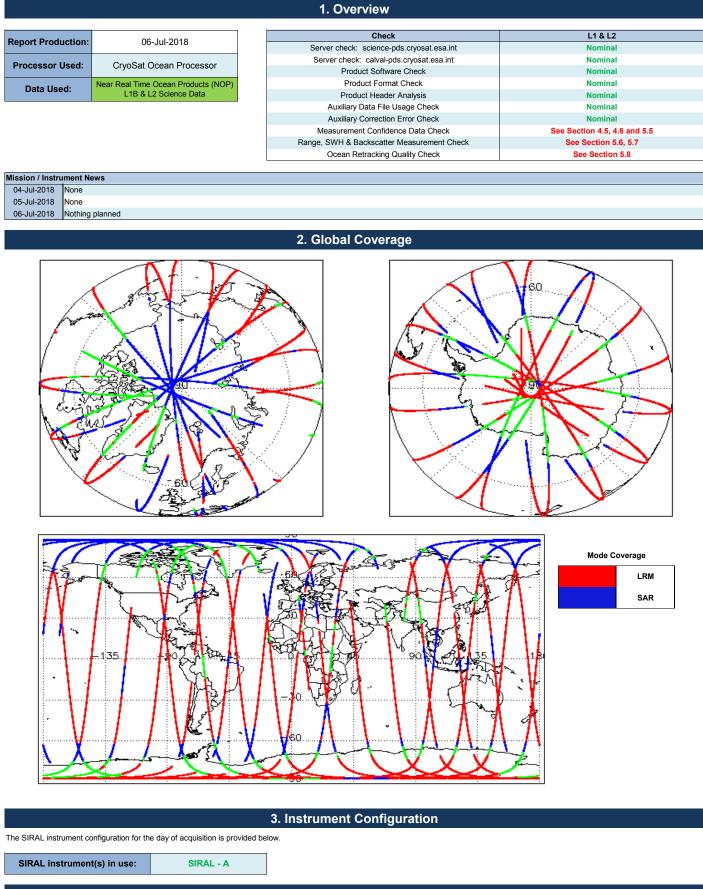


IDEAS+ Daily Report for NOP data:

05/07/2018





4. NOP 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).

0

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:
0

| 4.3 L1B Auxilary Data File Usage Check | | |
|--|---|---|
| Each product is checked for missing Data Set Descriptors with respect to a pre- | e-determined baseline and also to c | heck the validity of Auxiliary Data Files is correct. |
| Number of products with errors: 0 | | |
| 4.4 L1B Auxiliary Correction Error Check | | |
| CryoSat L1B data includes a correction error flag for each measurement recor- | d. The bit value of this flag indicates | s 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 measurem | | - |
| Attitude Correction Missing: This flag is currently set in error for NOPR prod Number of products with errors: 1 | fucts due to a configuration issue. The | his is being investigated and will be updated in the next SW update. |
| • | | |
| Product CS_OFFL_SIR_NOPM1B_20180705T051719_20180705T051731_C001 | Power scaling error | Description There is an error in the scaling of the L1B waveform for one or more |
| CS_011E_SIK_NOPINIB_201001031031119_201001031031131_C001 | Power scaling error | records |
| 4.6 L1B Waveform Group Data Check | | |
| CryoSat L1B data includes a waveform data flag for each measurement record | d. 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: 14 | | |
| Product | Test Failed | Description |
| CS_OFFL_SIR_NOPM1B_20180705T005129_20180705T011235_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20180705T021622_20180705T021942_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20180705T041606_20180705T043043_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20180705T050437_20180705T051610_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20180705T150350_20180705T151814_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20180705T020255_20180705T020338_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20180705T020416_20180705T020659_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20180705T034635_20180705T034738_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20180705T044533_20180705T044654_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20180705T052429_20180705T052639_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20180705T112001_20180705T112336_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20180705T121321_20180705T121535_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20180705T124613_20180705T124921_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20180705T125858_20180705T130220_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| 5. N | OP Level 2 Data Qua | lity Check |
| 5.1 L2 Product Format Check | | |
| Each product, retrieved and unpacked from the science server, is checked to e | ensure it consists of both an XML be | eader file (HDR) and a binary product file (DRI) |
| Number of products with errors: 0 | | |
| | | |
| 5.2 L2 Product Header Analysis | | |
| For all products, a series of pre-defined checks are performed on the MPH and | d SPH in order to identify any incons | sistencies 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 | e-determined baseline and also to c | theck the validity of Auxiliary Data Files is correct. |
| Number of products with errors: 0 | | |
| | | |
| 5.4 L2 Auxiliary Correction Error Check | ecked for the default error value (32 | 767) |
| | | |
| For all products, the auxiliary corrections within the Geophysical Group are che | | |
| 5.4 L2 Auxiliary Correction Error Check For all products, the auxiliary corrections within the Geophysical Group are che Number of products with errors: 0 5.5 L2 Measurement Confidence Data Check | | |
| For all products, the auxiliary corrections within the Geophysical Group are che Number of products with errors: 0 5.5 L2 Measurement Confidence Data Check | | nis flag indicates any problems when set. |
| For all products, the auxiliary corrections within the Geophysical Group are che 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 mea | | is flag indicates any problems when set. |
| For all products, the auxiliary corrections within the Geophysical Group are che Number of products with errors: 0 | | his flag indicates any problems when set. |

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.

Product CS_OFFL_SIR_NOPM_2_20180704T235706_20180705T000657_C001 CS OFFL SIR NOPM 2 20180705T002310 20180705T002701 C001 CS_OFFL_SIR_NOPM_2_20180705T003758_20180705T004843_C001 CS OFFL SIR NOPM 2 20180705T005129 20180705T011235 C001 CS OFFL SIR NOPM 2 20180705T011903 20180705T012037 C001 CS_OFFL_SIR_NOPM_2_20180705T012044_20180705T012454_C001 CS OFFL SIR NOPM 2 20180705T012933 20180705T014908 C001 CS_OFFL_SIR_NOPM_2_20180705T015003_20180705T015423_C001 CS_OFFL_SIR_NOPM_2_20180705T021622_20180705T021942_C001 CS OFFL SIR NOPM 2 20180705T021944 20180705T025145 C001 CS_OFFL_SIR_NOPM_2_20180705T025409_20180705T025936_C001 CS_OFFL_SIR_NOPM_2_20180705T031041_20180705T032310_C001 CS_OFFL_SIR_NOPM_2_20180705T032356_20180705T034050_C001 CS_OFFL_SIR_NOPM_2_20180705T034506_20180705T034635_C001 CS OFFL SIR NOPM 2 20180705T040235 20180705T041403 C001 CS OFFL SIR NOPM 2 20180705T041606 20180705T043043 C001 CS_OFFL_SIR_NOPM_2_20180705T043336_20180705T043832_C001 CS OFFL SIR NOPM 2 20180705T043911 20180705T044032 C001 CS_OFFL_SIR_NOPM_2_20180705T044732_20180705T045956_C001 CS OFFL SIR NOPM 2 20180705T050437 20180705T051610 C001 CS_OFFL_SIR_NOPM_2_20180705T055528_20180705T060953_C001 CS_OFFL_SIR_NOPM_2_20180705T061302_20180705T061746_C001 CS_OFFL_SIR_NOPM_2_20180705T062535_20180705T065107_C001 CS OFFL SIR NOPM 2 20180705T103058 20180705T103359 C001 CS_OFFL_SIR_NOPM_2_20180705T110303_20180705T110425_C001 CS_OFFL_SIR_NOPM_2_20180705T111116_20180705T111645_C001 CS OFFL SIR NOPM 2 20180705T112336 20180705T115826 C001 CS_OFFL_SIR_NOPM_2_20180705T120932_20180705T121116_C001 CS_OFFL_SIR_NOPM_2_20180705T122858_20180705T124613_C001 CS OFFL SIR NOPM 2 20180705T125036 20180705T125541 C001 CS_OFFL_SIR_NOPM_2_20180705T130220_20180705T133829_C001 CS OFFL SIR NOPM 2 20180705T140036 20180705T142316 C001 CS OFFL SIR NOPM 2 20180705T143253 20180705T143445 C001 CS_OFFL_SIR_NOPM_2_20180705T144219_20180705T145014_C001 CS OFFL SIR NOPM 2 20180705T145017 20180705T145908 C001 CS OFFL SIR NOPM 2 20180705T150350 20180705T151814 C001 CS_OFFL_SIR_NOPM_2_20180705T152655_20180705T152927_C001 CS_OFFL_SIR_NOPM_2_20180705T153116_20180705T154805_C001 CS_OFFL_SIR_NOPM_2_20180705T155005_20180705T160425_C001 CS_OFFL_SIR_NOPM_2_20180705T161150_20180705T161356_C001 CS OFFL SIR NOPM 2 20180705T161451 20180705T161858 C001 CS OFFL SIR NOPM 2 20180705T162110 20180705T163614 C001 CS_OFFL_SIR_NOPM_2_20180705T163815_20180705T164738_C001 CS_OFFL_SIR_NOPM_2_20180705T170551_20180705T170643_C001 CS_OFFL_SIR_NOPM_2_20180705T171435_20180705T172702_C001 CS_OFFL_SIR_NOPM_2_20180705T173229_20180705T174512_C001 CS OFFL SIR NOPM 2 20180705T174947 20180705T175800 C001 CS_OFFL_SIR_NOPM_2_20180705T180037_20180705T181619_C001 CS OFFL SIR NOPM 2 20180705T182015 20180705T182453 C001 CS_OFFL_SIR_NOPM_2_20180705T185900_20180705T192507_C001 CS OFFL SIR NOPM 2 20180705T192836 20180705T193039 C001

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

Description 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 ecords The Ice Range Averaging Status Flag has been set for one or more records. 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 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 ecords 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 The Ocean Range Averaging Status Flag has been set for one or more records 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. The Ocean Range Averaging Status Flag has been set for one or more records The Ice Range Averaging Status Flag has been set for one or more records 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 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 ecords 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. The Ocean Range Averaging Status Flag has been set for one or more ecords The Ocean Range Averaging Status Flag has been set for one or more records 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. 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 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 The Ocean Range Averaging Status Flag has been set for one or more ecords 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. 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 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 ecords The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records The Ice Range Averaging Status Flag has been set for one or more ecords 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 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 The Ocean Range Averaging Status Flag has been set for one or more records 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 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 Ice Range Averaging Status Flag has been set for one or more records

| CS_OFFL_SIR_NOPM_2_20180705T193118_20180705T193634_C001 | Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
|---|------------------------------|--|
| CS_OFFL_SIR_NOPM_2_20180705T194040_20180705T200429_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T203616_20180705T204743_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T205321_20180705T210350_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T211043_20180705T211648_C001 | Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T211913_20180705T214734_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T220959_20180705T224230_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T224952_20180705T225519_C001 | Ice Range Averaging Status | The Ice Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T225828_20180705T230311_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T233403_20180705T233656_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T234853_20180705T235755_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20180705T192718_20180705T192729_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20180705T102857_20180705T103058_C001 | Ocean Range Averaging Status | The Ocean Range Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20180705T153046_20180705T153116_C001 | 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. 65

Number of products with errors:

| Product | Test Failed | Description |
|---|---|---|
| CS OFFL SIR NOPM 2 20180704T235706 20180705T000657 C001 | SWH Averaging Status, Ocean | The SWH and Ocean Averaging Status Flags have been set for one or |
| CS OFFL SIR NOPM 2 20180705T002310 20180705T002701 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 NOPM 2 20180705T003758 20180705T004843 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 NOPM 2 20180705T005129 20180705T011235 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_NOPM_2_20180705T011903_20180705T012037_C001 | Ice Backscatter Averaging Status | records. |
| CS_OFFL_SIR_NOPM_2_20180705T012044_20180705T012454_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T012933_20180705T014908_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_NOPM_2_20180705T015003_20180705T015423_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_NOPM_2_20180705T021622_20180705T021942_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_NOPM_2_20180705T021944_20180705T025145_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_NOPM_2_20180705T025409_20180705T025936_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T031041_20180705T032310_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_NOPM_2_20180705T032356_20180705T034050_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_NOPM_2_20180705T034506_20180705T034635_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T040235_20180705T041403_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_NOPM_2_20180705T041606_20180705T043043_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_NOPM_2_20180705T043336_20180705T043832_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T043853_20180705T043904_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T043911_20180705T044032_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T044732_20180705T045956_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_NOPM_2_20180705T050437_20180705T051610_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_NOPM_2_20180705T055528_20180705T060953_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_NOPM_2_20180705T061302_20180705T061746_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T062535_20180705T065107_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_NOPM_2_20180705T103058_20180705T103359_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_NOPM_2_20180705T110303_20180705T110425_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_NOPM_2_20180705T111116_20180705T111645_C001 | Ice Backscatter Averaging Status | The Ice Backscatter Averaging Status Flag has been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20180705T112336_20180705T115826_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_NOPM_2_20180705T120932_20180705T121116_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_NOPM_2_20180705T122858_20180705T124613_C001 CS OFFL SIR NOPM 2 20180705T125036 20180705T125541 C001 CS_OFFL_SIR_NOPM_2_20180705T130220_20180705T133829_C001 CS_OFFL_SIR_NOPM_2_20180705T140036_20180705T142316_C001 CS OFFL SIR NOPM 2 20180705T143253 20180705T143445 C001 CS_OFFL_SIR_NOPM_2_20180705T144219_20180705T145014_C001 CS OFFL SIR NOPM 2 20180705T145017 20180705T145908 C001 CS OFFL SIR NOPM 2 20180705T150350 20180705T151814 C001 CS_OFFL_SIR_NOPM_2_20180705T152655_20180705T152927_C001 CS_OFFL_SIR_NOPM_2_20180705T153116_20180705T154805_C001 CS OFFL SIR NOPM 2 20180705T155005 20180705T160425 C001 CS_OFFL_SIR_NOPM_2_20180705T161150_20180705T161356_C001 CS OFFL SIR NOPM 2 20180705T162110 20180705T163614 C001 CS_OFFL_SIR_NOPM_2_20180705T163815_20180705T164738_C001 CS_OFFL_SIR_NOPM_2_20180705T170551_20180705T170643_C001 CS OFFL SIR NOPM 2 20180705T171435 20180705T172702 C001 CS_OFFL_SIR_NOPM_2_20180705T173229_20180705T174512_C001 CS_OFFL_SIR_NOPM_2_20180705T174947_20180705T175800_C001 CS_OFFL_SIR_NOPM_2_20180705T180037_20180705T181619_C001 CS_OFFL_SIR_NOPM_2_20180705T182015_20180705T182453_C001 CS_OFFL_SIR_NOPM_2_20180705T185900_20180705T192507_C001 CS OFFL SIR NOPM 2 20180705T192836 20180705T193039 C001 CS_OFFL_SIR_NOPM_2_20180705T193118_20180705T193634_C001 CS OFFL SIR NOPM 2 20180705T194040 20180705T200429 C001 CS OFFL SIR NOPM 2 20180705T203616 20180705T204743 C001 CS_OFFL_SIR_NOPM_2_20180705T205321_20180705T210350_C001 CS_OFFL_SIR_NOPM_2_20180705T211043_20180705T211648_C001 CS_OFFL_SIR_NOPM_2_20180705T211913_20180705T214734_C001 CS_OFFL_SIR_NOPM_2_20180705T220959_20180705T224230_C001 CS OFFL SIR NOPM 2 20180705T224952 20180705T225519 C001 CS_OFFL_SIR_NOPM_2_20180705T225828_20180705T230311_C001 CS_OFFL_SIR_NOPM_2_20180705T233403_20180705T233656_C001 CS OFFL SIR NOPM 2 20180705T234853 20180705T235755 C001 CS_OFFL_SIR_NOPN_2_20180705T192718_20180705T192729_C001 CS_OFFL_SIR_NOPR_2_20180705T102857_20180705T103058_C001 CS_OFFL_SIR_NOPR_2_20180705T153046_20180705T153116_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

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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. 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. 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. 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. 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. 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. 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 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 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. 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. 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 Status Flags have been set for one or more records.

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

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:

45