

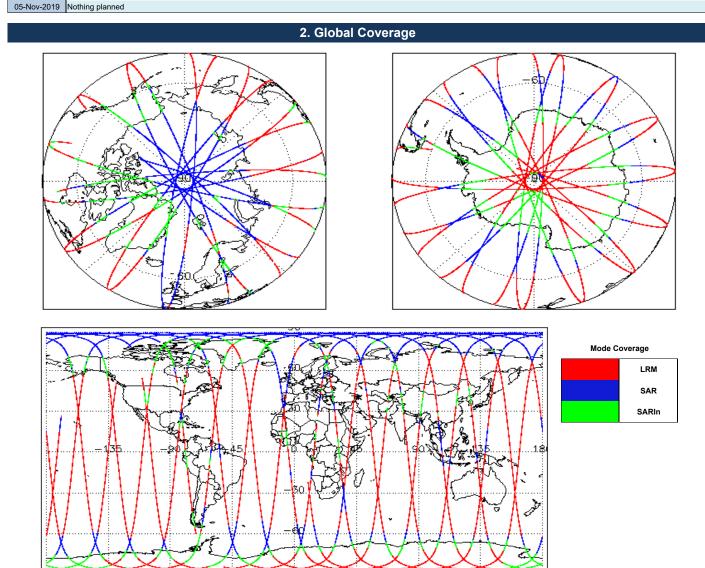
QA4EO Daily Report for GOP data:

<u>04/11/2019</u>

| | 04-Dec-2019 | Check | L1 & L2 | P2P |
|--------------------------------|----------------------------------|--|--------------------------|-----------------|
| Report Production: 04-Dec-2019 | | Server check: science-pds.cryosat.esa.int | Nominal | Nominal |
| Processor Used: | CryoSat Ocean Processor | Server check: calval-pds.cryosat.esa.int | Nominal | Nominal |
| Processor Used. | CryoSat Ocean Processor | Product Software Check | Nominal | Nominal |
| Data Used: | Geophysical Ocean Products (GOP) | Product Format Check | Nominal | Nominal |
| Data Useu. | L1B, L2 & P2P Science Data | Product Header Analysis | See Sections 4.2 and 5.2 | See Section 6.2 |
| | | Auxiliary Data File Usage Check | See Section 4.3 and 5.3 | See Section 6.3 |
| | | Auxiliary Correction Error Check | See Section 5.4 | See Section 6.4 |
| | | Measurement Confidence Data Check | See Section 4.5, 4.6 | Nominal |
| | | Range, SWH & Backscatter Measurement Check | See Section 5.6 | See Section 6.6 |
| | | Ocean Retracking Quality Check | See Section 5.7 | See Section 6.7 |

1. Overview

| Mission / Instrument News | | | |
|---------------------------|------|--|--|
| 03-Nov-2019 | None | | |
| 04-Nov-2019 | None | | |
| | | | |



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:

0

| 4.2 L1B Product Header Analysis | | | | | |
|---|--|---|--|--|--|
| For all products, a series of pre-defined checks are performed on the MPH and S | SPH in order to identify any inconsistencies a | nd/or errors raised by the ground-segment processing chain. | | | |
| L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1B GOPR and GOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and | | | | | |
| OSARIn chains. A modification is required in the next release. | | | | | |
| 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-d | etermined baseline and also to check the va | lidity 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 record. | The bit value of this flag indicates any proble | ms when set. | | | |
| Number of products with errors: 0 | | | | | |
| 4.5 L1B Measurement Confidence Data Check | | | | | |
| | nt record. The bit velve of this flaw indicates | | | | |
| CryoSat L1B data includes a measurement confidence flag for each measurement | - | | | | |
| Attitude Correction Missing: This flag is currently set in error for GOPR produc Number of products with errors: 0 | is due to a configuration issue. This is being | investigated and will be updated in the next SW update. | | | |
| | | | | | |
| 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 proble | ms when set. | | | |
| Loss of Echo Flag: This flag is currently set for some products over land, but this | is is to be expected. | | | | |
| Number of products with errors: 17 | | | | | |
| Product | Test Failed | Description | | | |
| CS_OFFL_SIR_GOPN1B_20191104T011726_20191104T012012_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPN1B_20191104T043611_20191104T043826_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPN1B_20191104T053928_20191104T054220_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPN1B_20191104T085231_20191104T085257_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPN1B_20191104T092814_20191104T093222_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPN1B_20191104T093959_20191104T094034_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPN1B_20191104T143728_20191104T144128_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPN1B_20191104T193510_20191104T193954_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPN1B_20191104T202639_20191104T202925_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPR1B_20191104T003759_20191104T004211_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPR1B_20191104T021636_20191104T022220_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPR1B_20191104T093222_20191104T093959_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPR1B_20191104T111818_20191104T112109_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPR1B_20191104T115638_20191104T120047_C001 CS_OFFL_SIR_GOPR1B_20191104T121027_20191104T121423_C001 | Loss of Echo Loss of Echo | The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPR1B_201911041121027_201911041121423_C001 | Loss of Echo | The tracking echo is missing for one or more records The tracking echo is missing for one or more records | | | |
| CS_OFFL_SIR_GOPR1B_20191104T193101_20191104T193510_C001 | Loss of Echo | The tracking echo is missing for one or more records | | | |
| | | | | | |
| 5. GO | P Level 2 Data Quality Ch | eck | | | |
| 5.1 L2 Product Format Check | | | | | |
| Each product, retrieved and unpacked from the science server, is checked to ens | uur it consists of both on VMI booden file (I | IDD) and a binary module file (DDI) | | | |
| Number of products with errors: 0 | sure it consists of both an XIVIL header hie (.r | (אטר) and a binary product life (.שבר). | | | |
| | | | | | |
| 5.2 L2 Product Header Analysis | | | | | |
| For all products, a series of pre-defined checks are performed on the MPH and S | PH in order to identify any inconsistencies a | nd/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: 0 | | | | | |
| 5.4 L2 Auxiliary Correction Error Check | | | | | |
| S.4 LZ Auxiliary Confection Error Oneck | | | | | |
| For all products, the auxiliary corrections within the Geophysical Group are check | | | | | |
| Currently, there are some common auxiliary correction errors raised in the followed by a table highlighting any additional issues which may arise from | | to surface type. All common flags are summarised in the list below, | | | |
| > ECMWF Meteo Corrections: Currently the following corrections are not comp | >ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction | | | | |
| and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update. The affected products are not reported in the table below. | | | | | |
| > Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected. | | | | | |
| > Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected. | | | | | |
| Number of products with errors: 49 | | | | | |
| Product Test Failed Description | | | | | |
| | Mean Sea Surface (1), Mean Dynamic | There is an error with the MSS height (solution 1) and the Mean Dynamic | | | |
| CS_OFFL_SIR_GOPN_2_20191104T002755_20191104T003114_C001 | Topography (1) | Topography height (solution 1) for one or more records | | | |

| CHNon-State StateNon-State StateNon-State StateNon-State StateCIOFFL SFL SOON (2001) CIDENDED 2011 NEXT SOUND CIDENDED 2011Non-State State (1, Non Dynam)Non-State State (1, Non Dynam)CIOFFL SFL SOON (2, NON-DYTEEDED 2011) NEXT SOUND CIDENDED 2011Non-State State (1, Non Dynam)Non-State State (1, Non Dynam)CIOFFL SFL SOON (2, NON-DYTEEDED 2011) NEXT SOUND CIDENDED 2011Non-State State (1, Non Dynam)Non-State State (1, Non Dynam)CIOFFL SFL SOON (2, NON-DYTEEDED 2011) NEXT SOUND CIDENDED 2011Non-State State (1, Non Dynam)Non-State State (1, Non Dynam)CIOFFL SFL SOON (2, NON-DYTEEDE 2011) NEXT SOUND CIDENDED 2011Non-State State (1, Non Dynam)Non-State State (1, Non Dynam)CIOFFL SFL SOON (2, NON-DYTEEDE 2011) NEXT SOUND CIDENDED 2011Non-Dynamic Topperty (1)Non-State State (1, Non Dynam)CIOFFL SFL SOON (2, NON-DYTEEDE 2011) NEXT SOUND CIDENDED 2011Non-Dynamic Topperty (1)Non-State State (1, Non Dynam)CIOFFL SFL SOON (2, NON-DYTEEDE 2011) NEXT SOUND CIDENDED 2011Non-Dynamic Topperty (1)Non-State State (1, Non Dynam)CIOFFL SFL SOON (2, NON-DYTEEDE 2011) NEXT SOUND CIDENDED 2011Non-Dynamic Topperty (1)Non-Dynamic Topperty (1)CIOFFL SFL SOON (2, NON-DYTEEDE 2011) NEXT SOUND CIDENDED 2011Non-Dynamic Topperty (1)Non-Dynamic Topperty (1) NEXT SOUND CIDENDED 2011CIOFFL SFL SOON (2, NON-DYTEEDE 2011) NEXT SOUND CIDENDED 2011Non-Dynamic Topperty (1) NEXT SOUND CIDENDED 2011) NEXT SOUND CIDENDED 2011Non-Dynamic Topperty (1) NEXT SOUND CIDENDED 2011) NEXT SOUND CIDENDED 2011CI | CS_OFFL_SIR_GOPN_2_20191104T011726_20191104T012012_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
|---|---|---|--|
| Control Tappage(1) | CS_OFFL_SIR_GOPN_2_20191104T021505_20191104T021636_C001 | | |
| Dist. Biol. Colm. 2. Set Interfacional 2. Set Int | CS_OFFL_SIR_GOPN_2_20191104T025810_20191104T025913_C001 | | |
| Display Exceptibly (1) Exceptibly (1) Exceptibly (1) Exceptibly (1) CS, DFL_SR, CGPU_2 20191101(02422, 20191101(02429, 2009) Man bog notice (1), Man Down, The Unit Street Rest To Street Rest T | CS_OFFL_SIR_GOPN_2_20191104T035228_20191104T035432_C001 | | |
| Approx. Bits Out (Control Action Control Action Contrecontrol Contrecontrol Control Action Control Action Control Cont | CS_OFFL_SIR_GOPN_2_20191104T043611_20191104T043827_C001 | | |
| Lis GeHL 28. GEHL 2 profit NUTCOME 2011 NUTCOME | CS_OFFL_SIR_GOPN_2_20191104T052242_20191104T052429_C001 | Mean Dynamic Topography (1) | |
| Carl Serie Carls 2 and Carls 2 and Carls 2011 Carls 2011 Carls 2010 Carls 2010 March Dynamic Testing and you The sea and evaluation of the March Dynamic Testing and you Carl Serie Carls 2 and Carls 2 a | CS_OFFL_SIR_GOPN_2_20191104T053928_20191104T054220_C001 | Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period | Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean |
| Capera, San, Confrue, 2, 201911611762281, 2019110017002222, 2001 Mean Dynamic Topsparkry (1) General Sander Sa | CS_OFFL_SIR_GOPN_2_20191104T061237_20191104T061605_C001 | Mean Dynamic Topography (1) | |
| Sel_2-FFSel_2-GPU_2_0011104112082.2001 Kend Dymin: Topograph (1) Gen Lass Gone 2_0011104112082.2001 Ken Lass Gone 2_001104114282.2001 Ken | CS_OFFL_SIR_GOPN_2_20191104T071200_20191104T071406_C001 | Mean Dynamic Topography (1) | |
| CS_DFFL_SR_COPPL_20191104112027_20191104112027_20091 Meen Subset (1), Meen Dynamic True records CS_OFFL_SR_COPPL_20191104112027_20191104112028_2019 Meen Sea Subset (1), Meen Dynamic True is an orrow with the MSan Dynamic True is an orrow with the MSan Dynamic CS_OFFL_SR_COPPL_20191104112027_20191104112028_2019 Meen Sea Subset (1), Meen Dynamic True is an orrow with the MSan Dynamic Tr | CS_OFFL_SIR_GOPN_2_20191104T092814_20191104T093222_C001 | Mean Dynamic Topography (1) | |
| DPL_PER_SPL_OPE_2_01911041104102_00_001104110400_0001 Tagggraphy (1) They Bargurghy (1) They Bargurg | CS_OFFL_SIR_GOPN_2_20191104T120048_20191104T120214_C001 | Mean Dynamic Topography (1) | |
| C_CPFL_SIR_GOPN_2_20191104T14922_20191104T135142_0001 Head Dylamic Toppinphy (1) in more needed. GS_OFFL_SIR_GOPN_2_20191104T14922_20191104T14928_0001 Toppinphy (1) Head is a more with the MSS height (colution 1) and the Mean Dynamic Toppinphy (1) GS_OFFL_SIR_GOPN_2_20191104T14928_0001 Toppinphy (1) Tell Generation Columna Head is a more with the MSS height (colution 1) and the Mean Dynamic Toppinphy (1) GS_OFFL_SIR_GOPN_2_20191104T14928_0001 Toppinphy (1) Tell Generation Columna Tell Generation Columna GS_OFFL_SIR_GOPN_2_20191104T14928_0001 Toppinphy (1) Tell Generation Columna Tell G | CS_OFFL_SIR_GOPN_2_20191104T120726_20191104T121027_C001 | | |
| Source_DRC_SOME_2.20191104119822_20191104119122_001 Trepagraphy (n) Trepagraphy (n) CS_OFFL_SIR_GOPN_2.201911041143728_201911041144128_2001 Trepagraphy (n) Trepagraphy (n) CS_OFFL_SIR_GOPN_2.201911041143728_201911041144128_2001 Trepagraphy (n) Trepagraphy (n) CS_OFFL_SIR_GOPN_2.20191104116128238_0001 Mean Sea Structure (1), Mean Dynamic Topography (n) Tree is a more valit the MSS hegit (colution 1) and the Mean Dynamic Topography (n) CS_OFFL_SIR_GOPN_2.20191104116108_2_201911041182207_C001 Mean Sea Structure (1), Mean Dynamic Topography (n) Tree is a more valit the MSS hegit (colution 1) and the Mean Dynamic Topography (n) CS_OFFL_SIR_GOPN_2.201911041161022_201911041182207_C001 Mean Sea Structure (1), Mean Dynamic Topography (n) Tree is a more valit the MSS hegit (colution 1) and the Mean Dynamic Topography (n) CS_OFFL_SIR_GOPN_2.201911041161022_201911041182207_C001 Mean Sea Structure (1), Mean Dynamic Topography (n) Tree is a more valit the MSS hegit (colution 1) and the Mean Dynamic Topography (n) CS_OFFL_SIR_GOPN_2.201911041163004_201911041182207_C001 Mean Sea Structure (1), Mean Dynamic Topography (n) Tree is a more valit the MSS hegit (colution 1) and the Mean Dynamic Topography (n) CS_OFFL_SIR_GOPN_2.201911041183024_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_20191104118202_201911 | CS_OFFL_SIR_GOPN_2_20191104T134100_20191104T134402_C001 | Mean Dynamic Topography (1) | |
| GS_OFFL_SR_GOPN_2_20191104T14218_C01 The operation (1), the all concent: Colorem Tomes and the Non-Equilibrium tomes "term of the Non-Equilibrium tomes "term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes "term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes "term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes "term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes "term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes "term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes "term of the Non-Equilibrium tomes" term of the Non-Equilibrium tomes term of the Non-Equi | CS_OFFL_SIR_GOPN_2_20191104T134627_20191104T135142_C001 | | |
| GS, OFFL_SIR_GOPN_2_20191104T161244_20191104T161238_0001 Hear Sas Surface (1). Man Dynamic Topography (1) Inter is an error with the MSD height (solution 1) and the Man Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T161616_20191104T161232_0001 Mean Sas Surface (1). Man Dynamic Topography (1) There is an error with the MSD height (solution 1) and the Man Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T161202_0001 Mean Sas Surface (1). Man Dynamic Topography (1) There is an error with the MSD height (solution 1) and the Man Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T16520_20191104T172207_0001 Mean Sas Surface (1). Man Dynamic Topography (1) There is an error with the MSD height (solution 1) and the Man Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T165604_20191104T17207_0001 Mean Sas Surface (1). Man Dynamic Topography (1) There is an error with the MSD height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T165604_20191104T165604_001 Mean Sas Surface (1). Man Dynamic Topography (1) There is an error with the MSD height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T165604_20191104T165205_001 Mean Sas Surface (1). Man Dynamic Topography (1) There is an error with the MSD height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T262650_20191104T262650_20191104T222650_001 Mean Sas Surface (1). Man Dynamic Topography (1) There is an error with the MSD height (solution 1) and the | CS_OFFL_SIR_GOPN_2_20191104T143728_20191104T144128_C001 | Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period | Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean |
| US_OFFL_SIR_GOPN_2_2019110411010102_201011041101222_0001 Topography (1) Topography (2) GS_OFFL_SIR_GOPN_2_201911041161202_001011041162207_0001 Means Ses Surface (1), Mean Dynamic Topography (1) Topography (1) GS_OFFL_SIR_GOPN_2_201911041161202_00101041162207_0001 Means Ses Surface (1), Mean Dynamic Topography (1) Topography (1) Topography (1) GS_OFFL_SIR_GOPN_2_201911041165604_201911041176207_0001 Means Ses Surface (1), Mean Dynamic Topography (1) Topography height (colution 1) and the Mean Dynamic Topography height (colution 1) and the Mean Dy | CS_OFFL_SIR_GOPN_2_20191104T152104_20191104T152338_C001 | | |
| CS_OFFL_SIR_GOPN_2_20191104116129_201911041162207_C001 Topography (1), Total Geoentric Ocean Tide (CS), Non-Equilibrium Long Period Ocean Tide Secan Tide (CS), Non-Equilibrium Long Period Ocean Tide (CS), N | CS_OFFL_SIR_GOPN_2_20191104T161616_20191104T161732_C001 | | |
| CS_OFFL_SIR_GOPN_2_201911041176501_201911041177500_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_201911041175601_201911041175600_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_2019110411183822_201911041184008_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_201911041193510_201911041193954_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104120283_001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) or one or more records CS_OFFL_SIR_GOPN_2_20191104120283_001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_201911041223835_201911041223805_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_2019110417233723_2019110417234038_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_201911041702372_0011 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201911041702327_2011 Mean Sea | CS_OFFL_SIR_GOPN_2_20191104T161929_20191104T162207_C001 | Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period | Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean |
| CS_OFFL_SIR_GOPN_2_201911041173641_201911041173640_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T183822_20191104T183824_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T193510_20191104T193964_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T202839_20191104T202925_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T215745_20191104T220133_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T223655_20191104T223696_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T233723_20191104T223696_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T233723_20191104T02458_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T02322_2019110 | CS_OFFL_SIR_GOPN_2_20191104T165604_20191104T170207_C001 | | |
| CS_OFFL_SIR_GOPN_2_20191104118302_20191104118304_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T193510_20191104T193964_C001 Mean Sea Sufface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T202639_20191104T202925_C001 Mean Sea Sufface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T215745_20191104T220133_C001 Mean Sea Sufface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T22365_20191104T223809_C001 Mean Sea Sufface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T22365_20191104T233089_C001 Mean Sea Sufface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T012012_20191104T038048_C001 Mean Sea Sufface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T025913_20191104T0380458_C001 Mean Sea Sufface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records | CS_OFFL_SIR_GOPN_2_20191104T175541_20191104T175800_C001 | | |
| CS_OFFL_SIR_GOPN_2_20191104T1939810_20191104T193980_2001 Topography (1) Topography (eight (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T202928_2001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191104T223655_20191104T223809_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T223655_20191104T223809_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T233723_20191104T234038_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T02012_20191104T012800_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T012012_20191104T030458_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T030458_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T03220_20191104T061237_C001 | CS_OFFL_SIR_GOPN_2_20191104T183822_20191104T184008_C001 | | |
| CS_OFFL_SIR_GOPN_2_201911041220392_01011041202930_0001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_201911041215745_201911041220133_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_201911041223609_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_201911041223309_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_2019110410233723_201911041023008_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104102012_20191104102800_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20191104102012_201911041030458_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_2019110410403827_20191104104516_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_201911041061220_2019110410642218_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_201911041061202_201911041062218_C001 Mean Sea Surface (1), Mean Dynamic There | CS_OFFL_SIR_GOPN_2_20191104T193510_20191104T193954_C001 | | |
| CS_OFFL_SIR_GOPN_2_20191104122035_0001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T223655_20191104T223809_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191104T223723_20191104T234038_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T012012_20191104T012800_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T025913_20191104T030458_C001 Mean Sea Surface (1), Mean Dynamic Topography (esolution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T025913_20191104T030458_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T06327_20191104T064237_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T061232_C0191104T062218_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T061232_C0191104T062218_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records | CS_OFFL_SIR_GOPN_2_20191104T202639_20191104T202925_C001 | | |
| CS_OFFL_SIR_GOPN_2_201911041223035_201911041223035_201911041223035_201911041223035_201911041223035_201911041223035_201911041223035_201911041223035_201911041223035_201911041233038_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T012012_20191104T012800_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T025913_20191104T030458_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T043827_20191104T044516_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T061220_20191104T061237_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T061656_20191104T061237_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (| CS_OFFL_SIR_GOPN_2_20191104T215745_20191104T220133_C001 | | |
| CS_OFFL_SIR_GOPR_2_201911041233723_20191104124038_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T012012_20191104T012800_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T025913_20191104T030458_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T043827_20191104T044516_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T061220_20191104T061237_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T061656_20191104T062218_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T075518_20191104T060502_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_ | CS_OFFL_SIR_GOPN_2_20191104T223655_20191104T223809_C001 | Mean Dynamic Topography (1) | |
| CS_OFFL_SIR_GOPR_2_20191104101200_20191104101200_C001Topography (1)Topography leight (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20191104T025913_20191104T030458_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20191104T043827_20191104T044516_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20191104T061220_20191104T061237_C001Mean Dynamic Topography (1)There is an error with the Mean Dynamic Topography (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20191104T061656_20191104T061237_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20191104T061656_20191104T062218_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20191104T075518_20191104T080502_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1)CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20191104T01111818_C001Mean Sea Surfa | CS_OFFL_SIR_GOPN_2_20191104T233723_20191104T234038_C001 | | |
| CS_OFFL_SIR_GOPR_2_201911041025913_20191104103458_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T043827_20191104T044516_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T061220_20191104T061237_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T061656_20191104T061237_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T061656_20191104T062218_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T075518_20191104T080502_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T111133_20191104T111818_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic | CS_OFFL_SIR_GOPR_2_20191104T012012_20191104T012800_C001 | | |
| CS_OFFL_SIR_GOPR_2_201911041043827_201911041044318_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T061220_20191104T061237_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T061656_20191104T062218_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T075518_20191104T080502_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T01111111111111111111111111111111 | CS_OFFL_SIR_GOPR_2_20191104T025913_20191104T030458_C001 | | |
| CS_OFFL_SIR_GOPR_2_201911041061220_201911041061237_C001 Mean Dynamic Topography (1) or more records CS_OFFL_SIR_GOPR_2_20191104T061656_20191104T062218_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T075518_20191104T080502_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T011114T111818_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic | CS_OFFL_SIR_GOPR_2_20191104T043827_20191104T044516_C001 | | |
| CS_OFFL_SIR_GOPR_2_201911041061856_201911041062218_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T075518_20191104T080502_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T01111133_20191104T111818_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) | CS_OFFL_SIR_GOPR_2_20191104T061220_20191104T061237_C001 | Mean Dynamic Topography (1) | |
| CS_OFFL_SIR_GOPR_2_201911041075518_201911041080502_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20191104T0111133_20191104T111818_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records | CS_OFFL_SIR_GOPR_2_20191104T061656_20191104T062218_C001 | | |
| CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20191104T111133_20191104T111818_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic | CS_OFFL_SIR_GOPR_2_20191104T075518_20191104T080502_C001 | | |
| | CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 | | |
| | CS_OFFL_SIR_GOPR_2_20191104T111133_20191104T111818_C001 | | |

| CS_OFFL_SIR_GOPR_2_20191104T111818_20191104T112110_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
|---|--|---|
| CS_OFFL_SIR_GOPR_2_20191104T124959_20191104T125717_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T125717_20191104T125928_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and tidal corrections for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T143143_20191104T143612_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T143612_20191104T143728_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T160941_20191104T161443_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T161443_20191104T161616_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T174935_20191104T175541_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T192645_20191104T192653_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T192653_20191104T192924_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T193101_20191104T193510_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T210828_20191104T211552_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T223809_20191104T223850_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20191104T224859_20191104T225647_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |

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.

Number of products with errors:

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

CryoSat L2 data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common flags raised in the Level 2 products, which are summarised below. The table provides the full list of products flagged.

> Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags: These flags are currently set for some records over ocean.

> OCOG Altimeter Range and Backscatter Quality Flags: These flags are currently set for some records over continental ice.

0

83

Number of products with errors:

| Product | Test Failed | Description |
|---|--|--|
| CS_OFFL_SIR_GOPM_2_20191103T235111_20191104T000023_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T000308_20191104T002438_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T003115_20191104T003222_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T003227_20191104T003634_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T004211_20191104T005138_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T005326_20191104T005808_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T012845_20191104T020319_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T020625_20191104T021120_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T022220_20191104T025357_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T025553_20191104T025810_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T030824_20191104T032102_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |

| | and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
|---|--|--|
| CS_OFFL_SIR_GOPM_2_20191104T034506_20191104T035018_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T035037_20191104T035049_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T040018_20191104T041358_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T041707_20191104T043228_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T045543_20191104T050436_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T050743_20191104T052134_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T052429_20191104T052929_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T052936_20191104T052947_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T053803_20191104T053928_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T054221_20191104T055127_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T055501_20191104T055950_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T060839_20191104T061022_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T063706_20191104T063735_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T063841_20191104T070001_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T070502_20191104T070845_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T071559_20191104T074301_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T081524_20191104T083923_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T084244_20191104T084759_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T084806_20191104T085132_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T085537_20191104T092814_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T095057_20191104T100500_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T100504_20191104T101000_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T101435_20191104T101832_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T102244_20191104T102833_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T103611_20191104T105735_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T105741_20191104T105743_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |

| | Occor Alfineter Dense COLLA SMUL | The Oscent Allimates Dance COUA CIA/U and Dealigeather Outline Flore |
|---|--|--|
| CS_OFFL_SIR_GOPM_2_20191104T105745_20191104T110801_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T114329_20191104T114521_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T114710_20191104T115638_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T120214_20191104T120725_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T121423_20191104T123538_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T123822_20191104T124936_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T125928_20191104T130148_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T131821_20191104T133638_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T135351_20191104T142834_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T144207_20191104T150128_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T150141_20191104T151423_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T152339_20191104T152534_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T152722_20191104T153037_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T153258_20191104T154758_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T155001_20191104T155957_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T160459_20191104T160941_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T162207_20191104T163842_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T165506_20191104T165604_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T170509_20191104T170938_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T171220_20191104T172625_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T174251_20191104T174311_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T180153_20191104T180334_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T180458_20191104T181047_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T181332_20191104T183635_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T184008_20191104T184842_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T185206_20191104T191624_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T192129_20191104T192456_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
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| CS_OFFL_SIR_GOPM_2_20191104T194855_20191104T201527_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
|---|--|--|
| CS_OFFL_SIR_GOPM_2_20191104T202221_20191104T202639_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T203127_20191104T205728_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T205732_20191104T210003_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T212313_20191104T215322_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T220133_20191104T220718_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T221047_20191104T221500_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T224623_20191104T224723_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T230018_20191104T233332_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T234038_20191104T234549_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPM_2_20191104T235118_20191105T000658_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T234550_20191104T234709_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T123538_20191104T123822_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T151424_20191104T152104_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T171121_20191104T171220_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T174935_20191104T175541_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T201527_20191104T201759_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T234709_20191104T235118_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |

L2 Quality Flags (20Hz PLRM)

Currently, there are several common flags raised in the Level 2 products, which are summarised below. The table provides the full list of products flagged.

> Ocean Altimeter Range, SSHA, SWH and Backscatter PLRM Quality Flags: These flags are currently set for occasional records over sea ice.

> OCOG Altimeter Range and Backscatter PLRM Quality Flags: These flags are currently set for occasional records over continental ice.

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Number of products with errors:

| Product | Test Failed | Description |
|---|---|--|
| CS_OFFL_SIR_GOPN_2_20191104T002755_20191104T003114_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T005808_20191104T010134_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_0FFL_SIR_GOPN_2_20191104T011726_20191104T012012_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_0FFL_SIR_GOPN_2_20191104T020424_20191104T020624_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T034328_20191104T034506_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T035228_20191104T035432_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |

| CS_OFFL_SIR_GOPN_2_20191104T043611_20191104T043827_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
|---|---|--|
| CS_OFFL_SIR_GOPN_2_20191104T045310_20191104T045543_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T052242_20191104T052429_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T053003_20191104T053007_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T053928_20191104T054220_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T055127_20191104T055501_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T061237_20191104T061605_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T062218_20191104T062240_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T063305_20191104T063706_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T074345_20191104T074606_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T081436_20191104T081524_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T085231_20191104T085257_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T093959_20191104T094034_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T112213_20191104T112257_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T112900_20191104T112928_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T113755_20191104T113940_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T120048_20191104T120214_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T120726_20191104T121027_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T131726_20191104T131821_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T134100_20191104T134402_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T134627_20191104T135142_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T143728_20191104T144128_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T155958_20191104T160310_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T161929_20191104T162207_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T164046_20191104T164200_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T165417_20191104T165454_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T165604_20191104T170207_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| | | |

| CS_OFFL_SIR_GOPN_2_20191104T170938_20191104T171121_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
|---|---|--|
| CS_OFFL_SIR_GOPN_2_20191104T175541_20191104T175800_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T180036_20191104T180114_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T180335_20191104T180457_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T181209_20191104T181332_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T183822_20191104T184008_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T184842_20191104T185027_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T193510_20191104T193954_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T194042_20191104T194204_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T194616_20191104T194805_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T201759_20191104T201934_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T202639_20191104T202925_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T220719_20191104T220836_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T222526_20191104T222741_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T223655_20191104T223809_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPN_2_20191104T225846_20191104T230018_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T002438_20191104T002755_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T003759_20191104T004211_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T012012_20191104T012800_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T021636_20191104T022220_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T025913_20191104T030458_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T030506_20191104T030623_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T035432_20191104T040018_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T041358_20191104T041440_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T041442_20191104T041707_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T043827_20191104T044516_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T052135_20191104T052242_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |

| CS_OFFL_SIR_GOPR_2_20191104T060113_20191104T060234_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
|---|---|--|
| CS_OFFL_SIR_GOPR_2_20191104T061220_20191104T061237_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T061656_20191104T062218_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T071407_20191104T071559_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T075518_20191104T080502_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T085257_20191104T085537_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T093222_20191104T093959_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T094035_20191104T094450_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T101833_20191104T102119_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T103148_20191104T103611_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T110854_20191104T110926_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T112319_20191104T112358_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T112457_20191104T112703_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T114521_20191104T114710_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T115638_20191104T120048_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T121027_20191104T121423_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T123538_20191104T123822_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T124959_20191104T125717_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T130148_20191104T130913_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T133638_20191104T134100_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T143143_20191104T143612_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T143612_20191104T143728_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T151424_20191104T152104_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T154758_20191104T155001_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T160941_20191104T161443_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T163842_20191104T164046_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T165025_20191104T165417_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| | | |

| CS_OFFL_SIR_GOPR_2_20191104T173300_20191104T173515_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
|---|---|--|
| CS_OFFL_SIR_GOPR_2_20191104T174935_20191104T175541_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T192653_20191104T192924_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T192941_20191104T193039_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T193101_20191104T193510_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T201527_20191104T201759_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T215322_20191104T215745_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T220836_20191104T221047_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T224446_20191104T224524_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T233332_20191104T233723_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_GOPR_2_20191104T234709_20191104T235118_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| > 1Hz and 1Hz Ocean SSHA Quality Flags: These flags are currently set for products with errors: 191 | oducts over sea ice, which is to be expected. | |
| 5.8 L2 Ocean Retracking Quality Check | | |
| L2 Retracking Flags (20Hz) | | |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measu | - | |
| Ocean Retracking Quality Flag: This flag is currently set for products over land Number of products with errors: 57 | and sea ice, but this is to be expected. The r | number of products with this error flag set is given below. |
| L2 Retracking Flags (20Hz, PLRM) | | |
| | | |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM | measurement record. The bit value of this flag | g indicates any problems when set. |
| | | |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM | | |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products of Number of products with errors: 151 | | his is to be expected. |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products of Number of products with errors: 151 | GOPR and GOPN products over sea ice, but | his is to be expected. |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products Number of products with errors: 151 6. GOP L2 | GOPR and GOPN products over sea ice, but | his is to be expected. |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products of Number of products with errors: 151 6. GOP L2 6.1 P2P Product Format Check Each product, retrieved and unpacked from the science server, is checked to en Number of products with errors: 0 | GOPR and GOPN products over sea ice, but | his is to be expected. |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products of Number of products with errors: 151 6. GOP L2 6.1 P2P Product Format Check Each product, retrieved and unpacked from the science server, is checked to en | GOPR and GOPN products over sea ice, but | his is to be expected. |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products Number of products with errors: 151 6. GOP L2 6.1 P2P Product Format Check Each product, retrieved and unpacked from the science server, is checked to en Number of products with errors: 0 | GOPR and GOPN products over sea ice, but Pole-to-Pole Data Quality sure it consists of both an XML header file (.P | his is to be expected. Check DR) and a NetCDF product file (.nc). |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products of Number of products with errors: 151 6. GOP L2 6.1 P2P Product Format Check Each product, retrieved and unpacked from the science server, is checked to en Number of products with errors: 0 6.2 P2P Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH and 5 | GOPR and GOPN products over sea ice, but Pole-to-Pole Data Quality sure it consists of both an XML header file (.F | his is to be expected. Check DR) and a NetCDF product file (.nc). |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products of Number of products with errors: 151 6. GOP L2 6.1 P2P Product Format Check Each product, retrieved and unpacked from the science server, is checked to en Number of products with errors: 0 6.2 P2P Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH and S Number of products with errors: 0 | GOPR and GOPN products over sea ice, but Pole-to-Pole Data Quality sure it consists of both an XML header file (.F SPH in order to identify any inconsistencies an | his is to be expected. Check DR) and a NetCDF product file (.nc). |
| CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products of Number of products with errors: 151 6.1 P2P Product Format Check Each product, retrieved and unpacked from the science server, is checked to en Number of products with errors: 0 6.2 P2P Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH and S Number of products with errors: 0 6.3 P2P Auxiliary Data File Usage Check Each product is checked for missing Data Set Descriptors with respect to a pre-defined check | GOPR and GOPN products over sea ice, but Pole-to-Pole Data Quality sure it consists of both an XML header file (.F SPH in order to identify any inconsistencies an | his is to be expected. Check DR) and a NetCDF product file (.nc). |

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

Currently, there are some common auxiliary correction errors 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.

> ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update. The affected products are not reported in the table below.

> Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.

> Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

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Number of products with errors:

| Product | Test Failed | Description |
|---|-------------|---|
| CS_OFFL_SIR_GOP_220191103T234229_20191104T003205_C001 | | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |

| CS_OFFL_SIR_GOP_2_20191104T003205_20191104T012143_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
|--|---|---|
| CS_OFFL_SIR_GOP_220191104T012143_20191104T021119_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T021119_20191104T030056_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T030056_20191104T035032_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_220191104T035032_20191104T044010_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_220191104T044010_20191104T052946_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T052946_20191104T061923_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T061923_20191104T070900_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T070900_20191104T075837_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T075837_20191104T084813_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T084813_20191104T093751_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T093751_20191104T102727_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T102727_20191104T111704_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T111704_20191104T120641_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T120641_20191104T125618_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T125618_20191104T134554_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T134554_20191104T143531_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T143531_20191104T152507_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T152507_20191104T161445_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T161445_20191104T170421_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T170421_20191104T175358_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T175358_20191104T184335_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T184335_20191104T193312_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T193312_20191104T202248_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T202248_20191104T211226_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T211226_20191104T220202_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_2_20191104T220202_20191104T225139_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOP_220191104T225139_20191104T234116_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |

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.

Number of products with errors: 0

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20Hz)

CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.

| P2P Quality Flags (20Hz PLRM) | | |
|--|---|--|
| , , , , | irectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected. | |
| Number of products with errors: | 30 | |
| P2P Quality Flags (1 Hz & 1Hz P | LRM) | |
| Since the P2P Quality Flags are copied of | irectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected. | |
| Number of products with errors: | 30 | |
| | | |
| 6.8 P2P Ocean Retracking Qu | ality Check | |
| P2P Retracking Flags (20Hz) | rality Check king quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set. | |
| P2P Retracking Flags (20Hz) Cryosat P2P data includes an ocean retract | | |
| P2P Retracking Flags (20Hz) Cryosat P2P data includes an ocean retract | ing quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set. | |
| P2P Retracking Flags (20Hz) Cryosat P2P data includes an ocean retract Ocean Retracking Quality Flag (PLRM): 1 Number of products with errors: | ring quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set. This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected. | |
| P2P Retracking Flags (20Hz) Cryosat P2P data includes an ocean retract Ocean Retracking Quality Flag (PLRM): ¹ Number of products with errors: P2P Retracking Flags PLRM | ring quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set. This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected. | |
| P2P Retracking Flags (20Hz) Cryosat P2P data includes an ocean retract Ocean Retracking Quality Flag (PLRM): Number of products with errors: P2P Retracking Flags PLRM CryoSat L2 data includes an ocean retracki | king quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set. This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected. 28 | |