

IDEAS+ Daily Report for GOP data:

<u>07/09/2019</u>

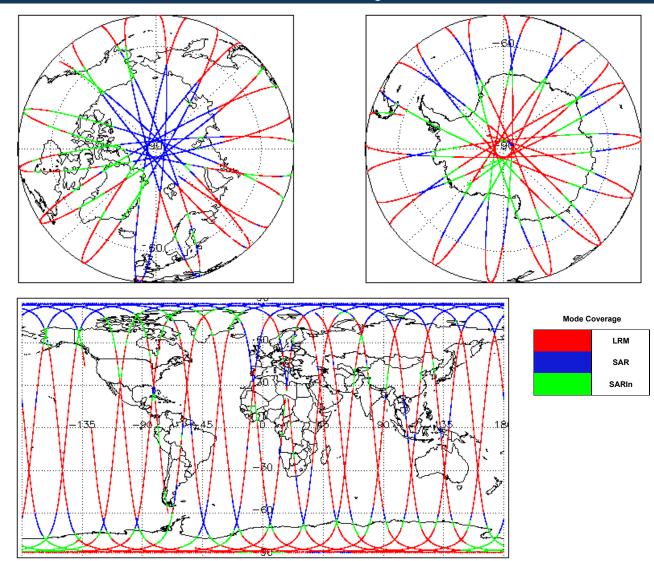


1. Overview				
		Check	L1 & L2	P2P
Report Production:	08-Oct-2019	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Drasses or Lloads	Cruce Set Ocean Dreeseer	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	Nominal
Data Used:	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7

Mission / Instrument News 06-Sep-2019 None 07-Sep-2019 None

08-Sep-2019 Nothing planned

2. Global Coverage



3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. 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	SPH in order to identify any incc	nsistencies and/or errors raised by the ground-segment processing chain.
L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1E OSARIn chains. A modification is required in the next release.	3 GOPR and GOPN products bec	ause the I1b_processing_quality_hr field is not correctly configured in the OSAR and
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	-determined baseline and also to	check the validity of Auxiliary Data Files is correct.
Number of products with errors: 0		
4.4 L1B Auxiliary Correction Error Check		
CryoSat L1B data includes a correction error flag for each measurement record	d. The bit value of this flag indicat	es any problems when set.
Number of products with errors: 0		
4.5 L1B Measurement Confidence Data Check		
CryoSat L1B data includes a measurement confidence flag for each measurem	nent record. The bit value of this f	ag indicates any problems when set.
Attitude Correction Missing: This flag is currently set in error for GOPR prod		
Number of products with errors: 2		····· · · · · · · · · · · · · · · · ·
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Product	Test Failed	Description There is an error in the scaling of the L1B waveform for one or more
CS_OFFL_SIR_GOPM1B_20190907T055632_20190907T061055_C001	Power scaling error	records
CS_OFFL_SIR_GOPM1B_20190907T164354_20190907T171945_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
4.6 L1B Waveform Group Data Check		
CryoSat L1B data includes a waveform data flag for each measurement record	ے۔ ۲. The bit value of this flag indicat	es any problems when set.
Loss of Echo Flag: This flag is currently set for some products over land, but	this is to be expected.	
Number of products with errors: 21		
Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190907T084459_20190907T084947_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190907T100610_20190907T103341_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190907T132621_20190907T135754_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T022502_20190907T022553_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T040726_20190907T041007_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T072607_20190907T072822_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T082919_20190907T083242_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T090154_20190907T090653_C001	Loss of Echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_GOPN1B_20190907T082919_20190907T083242_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T090154_20190907T090653_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T121804_20190907T121900_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T163621_20190907T164136_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T172724_20190907T173120_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T194414_20190907T194441_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T204611_20190907T204754_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190907T222503_20190907T222947_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190907T003934_20190907T004024_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190907T035800_20190907T040220_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190907T075555_20190907T075735_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190907T130822_20190907T131112_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190907T155147_20190907T155907_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190907T194018_20190907T194414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190907T200116_20190907T200236_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

5.3 L2 Auxiliary Data File Usage Check

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

5.4 L2 Auxiliary Correction Error Check

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

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 Corection, 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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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190907T004322_20190907T005019_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20190907T070727_20190907T072256_C001	Mean Sea Surrace (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) Non-Fouilibrium Long Period	Inere is an error with the MSS height (solution 1) and the Mean Uynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPM_2_20190907T105254_20190907T105524_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20190907T221615_20190907T221654_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20190907T221654_20190907T221923_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_20190907T000107_20190907T000305_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) Non-Fouilibrium Long Period	Inere is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20190907T013850_20190907T014214_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_20190907T014739_20190907T014857_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_20190907T023738_20190907T024108_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide correction for one or more records
CS_OFFL_SIR_GOPN_2_20190907T031749_20190907T032110_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_20190907T040726_20190907T041007_C001	Mean Sea Surrace (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) Non-Fauilibrium Long Period	Inere is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20190907T050505_20190907T050634_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_20190907T054851_20190907T054908_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_20190907T064223_20190907T064427_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_20190907T072607_20190907T072822_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_20190907T082919_20190907T083242_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20190907T090154_20190907T090653_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_20190907T100152_20190907T100401_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_20190907T103924_20190907T104516_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_20190907T121804_20190907T121900_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20190907T131112_20190907T131237_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_20190907T145041_20190907T145207_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_20190907T145720_20190907T150022_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_20190907T163049_20190907T163353_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_20190907T163621_20190907T164136_C001	Mean Sea Surface (1), Mean Dynamic Topography (1) wean Sea Surrace (1), mean Uynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records I nere is an error with the MSS neight (solution 1) and the Mean Dynamic
CS_OFFL_SIR_GOPN_2_20190907T172724_20190907T173120_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) Non-Fquilibrium Long Period	Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20190907T181058_20190907T181333_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_20190907T190611_20190907T190726_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_20190907T194557_20190907T195203_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_20190907T204536_20190907T204606_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_20190907T204611_20190907T204754_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_20190907T212816_20190907T213000_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_20190907T222503_20190907T222947_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_20190907T231634_20190907T231918_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_20190907T003934_20190907T004024_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_20190907T005019_20190907T005841_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_20190907T022929_20190907T023738_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_20190907T041007_20190907T041803_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_20190907T054908_20190907T055632_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_20190907T072822_20190907T073521_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_20190907T090653_20190907T091214_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_20190907T104516_20190907T105254_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_20190907T122216_20190907T122954_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_20190907T140142_20190907T140816_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_20190907T140816_20190907T140952_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_20190907T153947_20190907T154715_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_20190907T154715_20190907T154905_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_20190907T172137_20190907T172610_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_20190907T172610_20190907T172724_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_20190907T185931_20190907T190445_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_20190907T190445_20190907T190611_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_20190907T204110_20190907T204536_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_20190907T222055_20190907T222503_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.

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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190907T055632_20190907T061055_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOPM_2_20190907T164354_20190907T171945_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

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.

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Product	Test Failed	Description
S_OFFL_SIR_GOPM_2_20190907T000022_20190907T000107_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
S_OFFL_SIR_GOPM_2_20190907T000305_20190907T000908_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
S_OFFL_SIR_GOPM_2_20190907T001230_20190907T003933_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.
S_OFFL_SIR_GOPM_2_20190907T004322_20190907T005019_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.
S_OFFL_SIR_GOPM_2_20190907T010209_20190907T013417_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.
S_OFFL_SIR_GOPM_2_20190907T014214_20190907T014739_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
S_OFFL_SIR_GOPM_2_20190907T015150_20190907T015532_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.
S_OFFL_SIR_GOPM_2_20190907T022553_20190907T022929_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.
S_OFFL_SIR_GOPM_2_20190907T024108_20190907T025016_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.
S_OFFL_SIR_GOPM_2_20190907T025300_20190907T031422_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.
S_OFFL_SIR_GOPM_2_20190907T032110_20190907T032217_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records.
S_OFFL_SIR_GOPM_2_20190907T032221_20190907T032630_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records.
S_OFFL_SIR_GOPM_2_20190907T033200_20190907T034244_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.
S_OFFL_SIR_GOPM_2_20190907T034323_20190907T034806_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.
S_OFFL_SIR_GOPM_2_20190907T040612_20190907T040648_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.
S_OFFL_SIR_GOPM_2_20190907T041803_20190907T045306_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.
S_OFFL_SIR_GOPM_2_20190907T045622_20190907T050115_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
S_OFFL_SIR_GOPM_2_20190907T051216_20190907T054358_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.
S_OFFL_SIR_GOPM_2_20190907T055632_20190907T061055_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.
S_OFFL_SIR_GOPM_2_20190907T061649_20190907T063219_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.
S_OFFL_SIR_GOPM_2_20190907T063458_20190907T064013_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
S_OFFL_SIR_GOPM_2_20190907T064048_20190907T064223_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

	Ocean Altimeter Range, SSHA, SWH	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_GOPM_2_20190907T065018_20190907T070247_C001	and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	
CS_OFFL_SIR_GOPM_2_20190907T070727_20190907T072256_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_20190907T072403_20190907T072545_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_20190907T074535_20190907T075555_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_20190907T075735_20190907T081107_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_20190907T081422_20190907T081924_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_20190907T082002_20190907T082104_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_20190907T082758_20190907T082919_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_20190907T083242_20190907T084105_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_20190907T085930_20190907T090154_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_20190907T092834_20190907T094927_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_20190907T095455_20190907T095840_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_20190907T095901_20190907T100152_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_20190907T100610_20190907T103341_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_20190907T105254_20190907T105524_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_20190907T110522_20190907T112904_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_20190907T113236_20190907T113754_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_20190907T114520_20190907T120259_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_20190907T121507_20190907T121804_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_20190907T123108_20190907T123809_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_20190907T125038_20190907T130011_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_20190907T130426_20190907T130822_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_20190907T131237_20190907T131828_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_20190907T132621_20190907T135754_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_20190907T140132_20190907T140142_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_20190907T140952_20190907T141207_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_20190907T143734_20190907T144636_C001 CS_OFFL_SIR_GOPM_2_20190907T143734_20190907T144636_C001 CCS_OFFL_SIR_GOPM_2_20190907T143734_20190907T144636_C001 CCS_OFFL_SIR_GOPM_2_20190907T144636_C001 CCS_OFFL_SIR_GOPM_2_2019007T144636_C001 CCS_OFFL_SIR_GOPM_2_2019007T144636_C001 CCS_OFFL_SIR_GOPM_2_2019007T144636_C001 CCS_OFFL_SIR_GOPM_2_2019007T14077 CCS_OFFL_SIR_GOPM_2_2019007T144636_C001 CCS_OFFL_SIR_GOPM_2_2019007T144636_C001 CCS_OFFL_SIR_GOPM_2_2019007T144636_C001 CCS_OFFL_SIR_GOPM_2_20007T144636_C001 CCS_OFFL_SIR_GOPM_2_20007T144636_C001 CCS_OFFL_SIR_GOPM_2_20007T144636_C001 CCS_OFFL_SIR_GOPM_2_2007T144636_C001 CCS_OFFL_SIR_GOPM_2_2007T144636_C001 CCS_OFFL_SIR_GOPM_2_2007T144636_C001 CCS_OFFL_SIR_GOPM_2_2007T144636_C001 CCS_OFFL_SIR_GOPM_2_2007T144636_C001 CCS_OFFL_SIR_GOPM_2_2007T144007T14007T1407T140	
CS_OFFL_SIR_GOPM_2_20190907T145207_20190907T145720_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags h for one or more records.	have been set
CS_OFFL_SIR_GOPM_2_20190907T150438_20190907T152535_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality lage Set for one or more records.	
CS_OFFL_SIR_GOPM_2_20190907T152820_20190907T153947_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flag Set for one or more records.	
CS_OFFL_SIR_GOPM_2_20190907T154905_20190907T155147_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flat Altimeter Range and Backscatter Quality Flat Strengthere Range and Backscatter Quality Strengthere Range and Strengthere Range and Backscatter Quality Strengthere Range and Backscatter Quality Strengthere Range and Strengthere Range	
CS_OFFL_SIR_GOPM_2_20190907T160816_20190907T161426_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flat the Ocean Altimeter Range and Backscatter Quality Flat	
CS_OFFL_SIR_GOPM_2_20190907T161512_20190907T162612_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flag	
CS_OFFL_SIR_GOPM_2_20190907T163353_20190907T163621_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags for one or more records.	have been set
CS_OFFL_SIR_GOPM_2_20190907T164354_20190907T171945_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flag	
CS_OFFL_SIR_GOPM_2_20190907T173128_20190907T175126_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flat the Ocean Altimeter Range and Backscatter Quality Flat	
CS_OFFL_SIR_GOPM_2_20190907T175133_20190907T180409_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flat the Ocean Altimeter Range and Backscatter Quality Flat	
CS_OFFL_SIR_GOPM_2_20190907T181720_20190907T182033_C001 OCOG Altimeter Range Quality, OCOG for one or more records.	have been set
CS_OFFL_SIR_GOPM_2_20190907T182305_20190907T183756_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flat Altimeter Range and Backscatter Quality Flat Set for one or more records.	
CS_OFFL_SIR_GOPM_2_20190907T183959_20190907T185011_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flat the Ocean Altimeter Range and Backscatter Quality Flat	
CS_OFFL_SIR_GOPM_2_20190907T191208_20190907T192834_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flag	
CS_OFFL_SIR_GOPM_2_20190907T194459_20190907T194557_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flat the Ocean Altimeter Range and Backscatter Quality Flat	
CS_OFFL_SIR_GOPM_2_20190907T195203_20190907T195449_C001 OCOG Altimeter Range Quality, OCOG for one or more records.	have been set
CS_OFFL_SIR_GOPM_2_20190907T200236_20190907T201622_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flat timeter Range and Backscatter Qua	
CS_OFFL_SIR_GOPM_2_20190907T201802_20190907T202036_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flag	
CS_OFFL_SIR_GOPM_2_20190907T202645_20190907T202821_C001 OCOG Altimeter Range Quality, OCOG for one or more records.	have been set
CS_OFFL_SIR_GOPM_2_20190907T204758_20190907T204841_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flag	
CS_OFFL_SIR_GOPM_2_20190907T210324_20190907T212610_C001 CS_OFFL_SIR_GOPM_2_20190907T210324_201900 CS_OFFL_SIR_GOPM_2_20190007T210324_201900 CS_OFFL_SIR_GOPM_2_2019000 CS_OFFL_SIR_GOPM_2_2019000 CS_OFFL_SIR_GOPM_2_201900 CS_OFFL_SIR_GOPM_2_201900 CS_OFFL_SIR_GOPM_2_201900 CS_OFFL_SIR_GOPM_2_201900 CS_OFFL_SIR_GOPM_2_201900 CS_OFFL_SIR_GOPM_2_201900 CS_OFFL_SIR_GOPM_2_20190 CS_OFFL_SIR_GOPM_2_201900 CS_OFFL_SIR_GOPM_2_2000 CS_OFFL_SIR_GOPM_2_2000 CS_OFFL_SIR_GOPM_2_0 CS_OFFL_SIR_GOP	
CS_OFFL_SIR_GOPM_2_20190907T213000_20190907T213839_C001 OCOG Altimeter Range Quality, OCOG for one or more records.	have been set
CS_OFFL_SIR_GOPM_2_20190907T214221_20190907T220614_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flat Set for one or more records.	
CS_OFFL_SIR_GOPM_2_20190907T223758_20190907T230532_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flat Altimeter Range and Backscatter Quality Flat Set for one or more records.	

CS_OFFL_SIR_GOPM_2_20190907T231215_20190907T231634_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_20190907T232143_20190907T234959_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_20190907T235256_20190907T235922_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_20190907T092151_20190907T092206_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_GOPN_2_20190907T095855_20190907T095901_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_GOPN_2_20190907T181058_20190907T181333_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_GOPN_2_20190907T190927_20190907T191208_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_20190907T195449_20190907T195504_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_GOPR_2_20190907T150022_20190907T150438_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_20190907T161426_20190907T161512_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_20190907T192834_20190907T193046_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	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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Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20190907T000908_20190907T001039_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_20190907T005841_20190907T010209_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_20190907T013850_20190907T014214_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_20190907T031749_20190907T032110_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_20190907T032630_20190907T032754_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_20190907T034806_20190907T035132_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_20190907T040726_20190907T041007_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_20190907T063321_20190907T063458_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_20190907T064223_20190907T064427_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_20190907T072607_20190907T072822_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_20190907T074346_20190907T074535_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_20190907T082919_20190907T083242_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_20190907T084947_20190907T085110_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_20190907T090154_20190907T090653_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_20190907T092256_20190907T092657_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_20190907T095140_20190907T095455_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_20190907T103924_20190907T104516_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_20190907T113104_20190907T113236_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_20190907T114127_20190907T114251_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_20190907T121804_20190907T121900_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_20190907T121903_20190907T122216_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_20190907T122954_20190907T123030_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_20190907T131112_20190907T131237_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_20190907T141207_20190907T141248_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_20190907T141351_20190907T141515_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_20190907T142747_20190907T142932_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_20190907T143246_20190907T143316_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_20190907T160654_20190907T160816_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_20190907T163049_20190907T163353_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_20190907T163621_20190907T164136_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_20190907T172724_20190907T173120_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_20190907T181058_20190907T181333_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_20190907T181529_20190907T181720_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_20190907T182033_20190907T182159_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_20190907T185012_20190907T185311_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_20190907T190927_20190907T191208_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_20190907T194557_20190907T195203_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_20190907T204611_20190907T204754_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_20190907T205024_20190907T205109_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_20190907T205328_20190907T205451_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_20190907T210201_20190907T210324_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_20190907T212816_20190907T213000_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_20190907T221452_20190907T221615_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_20190907T222035_20190907T222055_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_20190907T222503_20190907T222947_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_20190907T223036_20190907T223158_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_20190907T003934_20190907T004024_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_20190907T005019_20190907T005841_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_20190907T013417_20190907T013850_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_20190907T014857_20190907T015150_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_20190907T021559_20190907T021939_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_20190907T022223_20190907T022447_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_20190907T022929_20190907T023738_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_20190907T031422_20190907T031749_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_20190907T032754_20190907T033200_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_20190907T035602_20190907T035709_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_20190907T040648_20190907T040726_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_20190907T041007_20190907T041803_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_20190907T045306_20190907T045418_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_20190907T050634_20190907T051216_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_20190907T064427_20190907T065018_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_20190907T070355_20190907T070727_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_20190907T072822_20190907T073521_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_20190907T090653_20190907T091214_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_20190907T092728_20190907T092834_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_20190907T094927_20190907T095140_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_20190907T104516_20190907T105254_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_20190907T114251_20190907T114520_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_20190907T122216_20190907T122954_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_20190907T130822_20190907T131112_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_20190907T132143_20190907T132621_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_20190907T140142_20190907T140816_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_20190907T140816_20190907T140952_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_20190907T143511_20190907T143734_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_20190907T144636_20190907T145041_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_20190907T153947_20190907T154715_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_20190907T155147_20190907T155907_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_20190907T162612_20190907T163049_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_20190907T164136_20190907T164354_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_20190907T172137_20190907T172610_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_20190907T172610_20190907T172724_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_20190907T180409_20190907T181058_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_20190907T192834_20190907T193046_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_20190907T202036_20190907T202245_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_20190907T202245_20190907T202512_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_20190907T204110_20190907T204536_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_20190907T210040_20190907T210201_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_20190907T221028_20190907T221126_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_20190907T231918_20190907T232143_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_20190907T234959_20190907T235035_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

<form>Characterization of the local product of the local product, which are any end to the local product of the local produc</form>	L2 Quality Flags (1 Hz & 1Hz PLRM)						
Base of grounds with server. 12 S.J.E. Concern Retracking Quality Check. Secons Retracking Quality Check. Secons Retracking Quality Check Retracking Quality Check. Secons Retracking Quality Check Retracking Retracking Retracking Retracking Retraking Retraking Retracking Retracking Retracking Retraking Retra	Currently, there are several common flags raised in the Level 2 products, wh	ich are summarised below.					
	> 1Hz and 1Hz Ocean SSHA Quality Flags: These flags are currently set for products over sea ice, which is to be expected.						
12. Petersching Flags (2014) Op/Solid List relation ratios on units of the packabook and ad a along base in the the size of the flag indicator and regarding data packabook. The size of the flag indicator and regarding data packabook and ad a along base in the size of the flag indicator and regarding data. The second of the size of the flag indicator and regarding data packabook and ad a along base in the size of the flag indicator and packabo and regarding data packabook. The size of the flag indicator are packabok and regarding data packabok and regarding data packabok and regarding data packabok and regarding data packabok. The size of the size of the flag indicator are packabok and regarding data packabok	Number of products with errors: 192						
Charles 1. Constructions on the one of the U per lange	5.8 L2 Ocean Retracking Quality Check						
Description Control Careering of Control FLAG Control Control FLAG Control Control FLAG Control Control FLAG	L2 Retracking Flags (20Hz)						
Build be appreciation of the approximation of the same of the	CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measure	ment record. The bit value of this flag indic	ates any problems when set.				
Cardinal Program (2014), PLANDI Tryining Large (2014), PLANDI Tryining Large (2014), PLANDI Cardinal Cardina Cardinal Cardinal Cardinal Cardinal Cardinal Cardin	Ocean Retracking Quality Flag: This flag is currently set for products over land a	and sea ice, but this is to be expected. The	number of products with this error flag set is given below.				
Constraining and a marked a marked method a builty High readers and a builty High High High High High Readers and a builty High Readers and a	Number of products with errors: 63						
Descention Quality Flag QL RDs Tab big is carrently set for products COPR and COPR products over sea is but bits to be sequedd. A 12 PP Fonduct Format Check Call P2 Product Format Check For all products with more: a Call P2 Product Format Check For all products with more: a Call P2 Product Format Check For all products with more: a Call P2 Product Format Check Call P2 Product Format Check Call P2 Product Format Check Call P2 Product P2 Product P2 Product P2 Product P2 Products P2 Product P2 Pr	L2 Retracking Flags (20Hz, PLRM)						
Number of grounds and waters State Concernation Concernation <td>CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM m</td> <td colspan="6">CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM measurement record. The bit value of this flag indicates any problems when set.</td>	CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM m	CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM measurement record. The bit value of this flag indicates any problems when set.					
Second S	Ocean Retracking Quality Flag (PLRM): This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.						
B-1P2P Product Formal Check Each product, retireved and urgaded from the science server, is checked to ensure it consists of both an XML header file (HDR) and a headDF product file (xx). Number of products with ensure: 0 C 2P Product Header Analysis For all product, a sorted of products with ensure: 0 C 2P Product Header Analysis For all product, a sorted of products due to any product and product server and and both and SPM is notice in the sPM is notice in both and SPM is notice in the sPM is notin the sPM is notice in the sPM is notice in the sPM is notice in	Number of products with errors: 139						
The product, retrieved and unsaled from the science store, is checked to straw the consists of both an XML header the (HDN) and a NoCDP product the (Ac). Number of products with errors:	6. GOP L2	Pole-to-Pole Data Quality	/ Check				
Number of products, is selected of pre-defined detocks are performed on the MPH and SPH in order to identify any increasing and or events raised by the ground-segment processing chain. Number of products, is selected of pre-defined detocks are performed on the MPH and SPH in order to identify any increasing and or events raised by the ground-segment processing chain. Statustical products, and the selected of pre-defined detocks are performed on the MPH and SPH in order to identify any increasing chain. Statustical products, and the result of pre-definited baseline and also is check the validity of Auxiliary Data Files is correct. Statustical products. The solidity correction Error Check For all products. The solidity correction Error Check For all products. The solidity correction Error Check Controlling the products with in the Georphagical Group are detected for the detail error value (2007). Control (MPH and SPH and SP	6.1 P2P Product Format Check						
See 22 P Product Header Analysis For all products, a series of pre-defined decks are performed on the MPH and SPH is order to identify any inconsidencies and/or errors naised by the ground-segment processing chain. Number of products with errors: 0 See 22 P Auxiliary Data File Usage Check Each product is checked for minsing Data Sei Decorption, with respect to a pre-determined basedine and also to check the wildly of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 P 2P Auxiliary Data File Usage Check Tore of products with errors: 0 6.4 P 2P Auxiliary Correction Error Check Tore of products with errors: 0 6.4 P 2P Auxiliary Correction Error Check For all products, the eating correction string the Geostylecid Group are checked for the default error value (2767). Correctly, there as come common auxility correction error raise in the Level 2 products which are aspected due to surface type. All common flags are summarized in the list biology, foreer lists and the surface tope of the default error value (2767). Correctly, there as come common auxility correction error raise in the Level 2 products which are aspected due to surface type. All common flags are summarized in the list biology, foreer lists and the surface tope of the default error value (2767). Correctly, there as come common auxility correction error raise in the Level 2 products which are aspected due to surface type. All common flags are summarized in the list biol or control work for the default error value (CMTINENTAL ICE, Dr. Topographic, Concellin, Well Tradesconter Concellin, Well Tradesconter Concellin, Well Tradesconter Concelling, Well Tradesconter Con	Each product, retrieved and unpacked from the science server, is checked to ensu	re it consists of both an XML header file (.l	HDR) and a NetCDF product file (.nc).				
For all products, a series of productined checks are performed on the MPH and SPH is order to identify any increasidations and/or errors raised by the ground-segment processing char. Number of products with errors: 0 5.2 5.2 5.2 5.2 5.2 5.2 5.2	Number of products with errors: 0						
Number of products with errors: 0 6.3 P2P Auxiliary Data File Usage Check Exch product is diveload for mining Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 P2P Auxiliary Correction Error Check For all products, the usages corrections: until the Goophysical Group are decided for the default error value (2277). Correction, there are some common auxiliary correction error raised in the Level 2 products which are appeted to be surface type. All Common flags are summarised in the list below, followed by a table highlighting any satisfication are not compated on the lost. Correction, there is the following corrections and in the ISDWF mode divide correction. Unretries the following correction error raise of the EDWF mode divide correction error raise is a known anomaly (CRV DoCOP3) and wile be readed in a bulker FP update. The allecked products are interprote in the able has been. > Ass State Biss & State Biss B PURIT. The error value is currently set for products over lend and sea iso, but this is to be expected. Number of products with errors: 20 Product Test Failed Description Correction, Correcting the sate state to the sate file (COT). Test failed (COT). The file description Correction Core and the Level products over lend and sea iso, but this is to be expected. Science (Sing, GOP, 2, 201000071004247, 201000071002324, 201000071002324, 201000071002324, 2010000710	6.2 P2P Product Header Analysis						
Number of products with errors: 0 6.3 P2P Auxiliary Data File Usage Check Exch product is diveload for mining Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0 6.4 P2P Auxiliary Correction Error Check For all products, the usages corrections: until the Goophysical Group are decided for the default error value (2277). Correction, there are some common auxiliary correction error raised in the Level 2 products which are appeted to be surface type. All Common flags are summarised in the list below, followed by a table highlighting any satisfication are not compated on the lost. Correction, there is the following corrections and in the ISDWF mode divide correction. Unretries the following correction error raise of the EDWF mode divide correction error raise is a known anomaly (CRV DoCOP3) and wile be readed in a bulker FP update. The allecked products are interprote in the able has been. > Ass State Biss & State Biss B PURIT. The error value is currently set for products over lend and sea iso, but this is to be expected. Number of products with errors: 20 Product Test Failed Description Correction, Correcting the sate state to the sate file (COT). Test failed (COT). The file description Correction Core and the Level products over lend and sea iso, but this is to be expected. Science (Sing, GOP, 2, 201000071004247, 201000071002324, 201000071002324, 201000071002324, 2010000710							
Can product a checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is cornect. Number of products with errors:		PH in order to identify any inconsistencies a	and/or errors raised by the ground-segment processing chain.				
Each product is checked for missing Data Sel Descriptors with respect to a pro-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with orros: 0 6.4 P2P Auxiliary Correction Error Check For all products with arros: 0 6.4 P2P Auxiliary Correction Error Check For all products with arros reason common auxiliary correction arrow raised in the Lovel 2 products with are spected due to surface type. All common flags are summarised in the list block, following are additional program in the second of the default error value (32767). 5. EXAMP Messe Corrections: Currently the following corrections are not computed over CONTINENTAL ICE. Dry Toposphint Correction, Wet Toposphint Correction, Herer Bannetic Products are not expected to be a funce IPF update. The effective products are not expected to be additioned as a funce IPF update. The effective products are not expected to be additioned as a funce IPF update. The effective products are not expected to the bank in the effective products over area ice, but this is to be expected. 5.4 Mineter Wind Speed Error: The error value is currently set for products over area ice, but this is to be expected. 5.4 CoPFL_SIR_GOP 220100007T00333_0000 5.6, OFFL_SIR_GOP 220100007T00333_010001 5.6, OFFL_SIR_GOP 220100007T00333_010001 5.6, OFFL_SIR_GOP 220100007T004247_0001 5.6, OFFL_SIR_GOP 220100007T004247_0010 5.6, OFFL_SIR_GOP 220100007T004220_001 5.6, OFFL_SIR_GOP 220100007T004220_001 5.6, OFFL_SIR_GOP 220100007T004200_0007T004220_001 5.6, OFFL_SIR_GOP 220100007T004200_0007T004200_000 5.6, OFFL_SIR	Number of products with errors: 0						
Number of products with entrops 0 64.P2P Auxiliary Corrections Error Check Event of a products, the availary corrections are not computed for the default error value (32/07). Currently, there are some common auxiliary corrections are not computed products with are expected due to surface type. All common flags are summarised in the list blow, dividence of the big blow of the top the components of the ECMWF model wind vector. This is a known anomaly (GPV C-COP-3) and will be resolved in a future IPF update. The affected products are not resolved in a future IPF update. The affected products are future in the table blow. > 6 See State Blass A See State Blass PLME. The entror value is currently est for products over sea ice, but this is to be expected. > 2 Anternet Wind Speed Error: The entror value is currently est for products over sea ice, but this is to be expected. > 2 Anternet Wind Speed Error: The entror value is currently est for products over sea ice, but this is to be expected. > 2 Anternet Wind Speed Error: The entror value is currently est for products over sea ice, but this is to be expected. > 2 Anternet Wind Speed Error: The entror value is currently est for products over sea ice, but this is to be expected. > 2 Confering Ministry Mi	6.3 P2P Auxiliary Data File Usage Check						
Constraints of the second	Each product is checked for missing Data Set Descriptors with respect to a pre-de	termined baseline and also to check the va	alidity of Auxiliary Data Files is correct.				
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 are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Ilverse 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 effected products are not reported in the base base. > Search Bias 6 Saes State Bias PLRM: The error value is currently set for products over land and 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. Sumber of products with errors: 30 Product CS_OFFL_SIR_GOP_2_20190907T000333_20190907T000331_C0001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). Total Geocentric Ocean Ted (FER) Mean-Failibrium In one Prodot Geore mervants. Mean Sea Surface (1). Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T000333_20190907T005310_C001 Mean Sea Surface (1). Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). Total Geocentric Ocean Ted (FER) Mean-Failibrium In one Prodot Geore Terror with the MSS height (colution 1) and the Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T0053014_20190907T053014_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T053014_C001 Mean Sea Surface (1). Mean	Number of products with errors: 0						
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 are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Ilverse 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 effected products are not reported in the base base. > Search Bias 6 Saes State Bias PLRM: The error value is currently set for products over land and 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. Sumber of products with errors: 30 Product CS_OFFL_SIR_GOP_2_20190907T000333_20190907T000331_C0001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). Total Geocentric Ocean Ted (FER) Mean-Failibrium In one Prodot Geore mervants. Mean Sea Surface (1). Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T000333_20190907T005310_C001 Mean Sea Surface (1). Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). Total Geocentric Ocean Ted (FER) Mean-Failibrium In one Prodot Geore Terror with the MSS height (colution 1) and the Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T005310_20007T005310_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T0053014_20190907T053014_C001 Mean Sea Surface (1). Mean Dynamic Tropographi (1). CS_OFFL_SIR_GOP_2_20190907T053014_C001 Mean Sea Surface (1). Mean	6.4 P2P Auxiliary Correction Error Check						
Currently, here are some common auxiliary correction error 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 text. CellWF Hete Corrections: Currently issues which may arise from this text. > East bias 4 additional issues which may arise from this text. > Seast bias 4 Sea State bias PLNK: The error value is currently set for products over sea ice, but this is to be expected. > Mainter Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected. Scale Size A Sea State Bias PLNK: The error value is currently set for products over land and sea ice, but this is to be expected. Souther of products with errors: 30 Product Test Failed Description Cs_OFFL_SIR_GOP_2_20190007T000333_20190007T000333_C002 Topopraphy (1) Topopraphy (1) Means Sea Sufface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) Cs_OFFL_SIR_GOP_2_20190007T014247_20190007T023224_C001 Means Sea Sufface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solutin 1) and the Mean Dynamic Topography height (so		ad for the default error value (20767)					
tollowed by a babe highlighting any additional issues which may raise from this test. > CENUME Hale conventions: a conventions are not computed over CONTINENTAL ICE: Dry Trapospheric Creation, Wet Trapospheric Carrection, Carrection, Wet Trapospheric Carrection, Wet Trapospheric Carrection, Carrection, Wet Trapospheric Carrection, Carrection, Wet Trapospheric Carrection, Carrection, Wet Trapospheric Carrection, Carrection, Wet Method Shelph (Solution 1) and the Mean Dy			e to surface type. All common flags are summarised in the list below				
Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRVO-COP-3) and will be resolved in a future IPF update. The affected products are nortrepredia that bits beaks. > See State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ica, but this is to be expected. Winder of products with errors: 30 Product Test Failed Toopgraphy height (foldino 7, EES) and the Non-equilibrium Long Period Coean Tide height Toopgraphy height (foldino 7, EES) and the Non-equilibrium Long Period Coean Tide height Toopgraphy (1) (1) Total Geocentric Ocean Tide height Toopgraphy (1) (1) Total Geocentric Ocean Tide height Toopgraphy (1) (1) Total Geocentric Ocean Tide height Toopgraphy leight (solution 1), the Total Geocentric Ocean Tide height Toopgraphy leight (solution 1) and the Mean Dynamic Toopgraphy (1) (1) Total Geocentric Ocean Tide height Toopgraphy leight (solution 1) and the Mean Dynamic Toopgraphy leight (solution 1) and t							
> See State Bias & See State Bias PLRM: The error value is currently set for products over land and sea ice, but this is to be expected. > Attimetric Mind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected. Number of product Tet Failed Description CS_OFFL_SIR_GOP_2_20190907T000333_2019907T000333_C002 Toooparphy (1) Total Geocentric Ocean Tide height (colution 1), the Total Geocentric Ocean Tide height (colution 1) for one or more records. CS_OFFL_SIR_GOP_2_20190907T000333_2019907T005310_C001 Mean Sea Surface (1), Mean Dynamic Toooparphy height (solution 1) or one or more records. CS_OFFL_SIR_GOP_2_20190907T005310_2019007T005324_C001 Mean Sea Surface (1), Mean Dynamic Toooparphy height (solution 1) or one or more records. CS_OFFL_SIR_GOP_2_20190907T014247_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic Toooparphy height (solution 1) or one or more records. CS_OFFL_SIR_GOP_2_20190907T0123224_20190907T032200_C001 Mean Sea Surface (1), Mean Dynamic Toooparphy height (solution 1) or one records. Toooparphy (1) Tool Geocentric Ocean Tide height Too (Columo 1) and the Mean Dynamic Toooparphy height (solution 1). CS_OFFL_SIR_GOP_2_20190907T032200_2019097T041137_C001 Mean Sea Surface (1							
• Attimetric Wind Speed Error: The enror value is currently set for products were land and sea lee, but this is to be expected. Number of products 30 Product Test Failed Description CS_OFFL_SIR_GOP_2_20190907T000333_00190907T0005310_C001 Test Failed Description CS_OFFL_SIR_GOP_2_20190907T000333_00190907T0005310_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T005310_00190907T005320_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T005322_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T014247_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T032200_001T032200_C001 Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T032200_001T032200_C001 Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T032200_001T032200_001T03200_001 There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T041137_0019007T052051_0011 Th							
Number of products with errors: 30 Product Tel Failed Description CS_OFFL_SIR_GOP_2_20190907T00033_C002 Trige (GCT), Trial Geocemic Ocean	> Sea State Bias & Sea State Bias PLRM: The error value is currently set for pro	ducts over sea ice, but this is to be expected	ed.				
Product Test Failed Description CS_OFFL_SIR_GOP_2_20190906T231357_20190907T000333_C002 Topography (1) Total Geocentric Coean Tide (GOT), Total Geocentric Coean Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20190907T014247_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20190907T023224_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic Topography leight (solution 1), the Total Geocentric Coean Topography leight (solution 1), the Total Geocentric Coean Topography leight (solution 1), the Total Geocentric Coean Tide (GOT), T		land and sea ice, but this is to be expected	d.				
Interf Summe There Summe Summe There Summe Summe <t< th=""><th></th><th></th><th></th></t<>							
CS_OFFL_SIR_GOP_2_20190907T000333_20190907T000333_0100001 Tide (COT), Total Geocentric Ocean [solution 2: FES] and the Non-equilibrium Long Period Ocean Tide height CS_OFFL_SIR_GOP_2_20190907T000333_20190907T005310_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T005310_20190907T014247_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T014247_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T023224_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T023224_20190907T023220_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) the Total Geocentric Ocean CS_OFFL_SIR_GOP_2_20190907T032200_C001 There is an error with the MSS height (solution 1) and the Mean Dynamic Topography Height (solution 1) the Total Geocentric Ocean CS_OFFL_SIR_GOP_2_20190907T031200_20190907T05114_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) the Total Geocentric Ocean CS_OFFL_SIR_GOP_2_20190907T050114_20190907T055051_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_O	Product	Mean Sea Sunace (1), Mean Dynamic	There is an error with the WSS height (solution T) and the Mean Dynamic				
CS_OFFL_SIR_GOP_2_20190907T000333_20190907T005310_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_GOP_2_20190907T003310_20190907T014247_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_20190907T014247_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20190907T023224_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), for Total Geocentric Ocean Tele (STR)_Since (1), mean Uynamic Topography height (solution 1), the Total Geocentric Ocean Tele (STR)_Since (1), mean Uynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tele (STR)_Since (1), Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20190907T050114_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_GOP_2_20190907T050114_20190907T05051_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20190907T05051_20190907T05055_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records <tr< td=""><td>CS_OFFL_SIR_GOP_220190906T231357_20190907T000333_C002</td><td>Tide (GOT), Total Geocentric Ocean</td><td>(solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height</td></tr<>	CS_OFFL_SIR_GOP_220190906T231357_20190907T000333_C002	Tide (GOT), Total Geocentric Ocean	(solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height				
CS_OFFL_SIR_GOP_2_201909071012427_201909071023224_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20190907T014247_20190907T023224_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 2) for one or more records CS_OFFL_SIR_GOP_2_20190907T023224_20190907T032200_C001 Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 2) for one or more records CS_OFFL_SIR_GOP_2_20190907T032200_20190907T041137_C001 Topography (1) Topography (1) Topography height (solution 2) for one or more records CS_OFFL_SIR_GOP_2_20190907T041137_20190907T050114_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20190907T050114_20190907T055051_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records 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_20190907T055051_20190907T064027_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_GOP_2_20190907T055051_20190907T03005_C001 <	CS_OFFL_SIR_GOP_220190907T000333_20190907T005310_C001	Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic				
CS_OFFL_SIR_GOP_2_20190907T014247_20190907T032200_C001 Topography (1) Topography (1) CS_OFFL_SIR_GOP_2_20190907T023224_20190907T032200_C001 Topography (1), Total Geocentric Ocean Topography height (solution 1), the Total Geocentric Ocean CS_OFFL_SIR_GOP_2_20190907T032200_20190907T041137_C001 Topography (1), Total Geocentric Ocean Topography height (solution 1), the Total Geocentric Ocean CS_OFFL_SIR_GOP_2_20190907T041137_C001 Topography (1), Total Geocentric Ocean Topography height (solution 1), the Total Geocentric Ocean CS_OFFL_SIR_GOP_2_20190907T041137_20190907T050114_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean CS_OFFL_SIR_GOP_2_20190907T050114_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T050114_20190907T05051_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T050501_20190907T064027_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Topography height (solution 1) and the Mean Dynamic Topography (1) Total Geocentric Ocean Topography height (solution 1) and the Mean Dynamic Topography (1) Total Geocentric Ocean Topography height (solution 1) and	CS_OFFL_SIR_GOP_220190907T005310_20190907T014247_C001						
Topography (1) Topography (1) Topography (1) Topography (1) CS_OFFL_SIR_GOP_2_20190907T023224_20190907T032200_C001 Topography (1) Topogr		Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic				
CS_OFFL_SIR_GOP_2_20199907T023224_20199907T032200_C001 Topography (1). Total Geocentric Ocean T	CS_OFFL_SIK_GOP_2_201909071014247_201909071023224_C001						
CS_OFFL_SIR_GOP_2_20190907T032200_20190907T041137_C001 Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Topography (1) Topography height (solution 1), the Total Geocentric Ocean Tide height Tide (GOT), Total Geocentric Ocean Topography (1), Mean Dynamic CS_OFFL_SIR_GOP_2_20190907T050114_20190907T05051_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_GOP_2_20190907T05051_20190907T05051_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_GOP_2_20190907T055051_20190907T064027_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Topo	CS_OFFL_SIR_GOP_220190907T023224_20190907T032200_C001	Topography (1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height				
CS_OFFL_SIR_GOP_2_20190907T041137_20190907T050114_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_GOP_2_20190907T050114_20190907T055051_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_GOP_2_20190907T055051_20190907T064027_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_GOP_2_20190907T064027_20190907T064027_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_GOP_2_20190907T064027_20190907T073005_C001Topography (1)Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1)CS_OFFL_SIR_GOP_2_20190907T073005_20190907T081941_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_GOP_2_20190907T081941_20190907T090918_C001Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)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_GOP_2_20190907T081941_20190907T090918_C001Mean Sea Surface (1), Mean Dynamic Topography (1	CS_OFFL_SIR_GOP_220190907T032200_20190907T041137_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean	Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height				
CS_OFFL_SIR_GOP_2_2019090710500114_201909071050051_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20190907T055051_20190907T064027_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), the Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (GOT) CS_OFFL_SIR_GOP_2_20190907T073005_20190907T073005_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) Total Geocentric Ocean Tide (GOT) CS_OFFL_SIR_GOP_2_20190907T073005_20190907T073005_20190907T081941_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_GOP_2_20190907T073005_20190907T081941_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_GOP_2_20190907T081941_20190907T090918_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: GOT) for one or more records CS_OFFL_SIR_GOP_2_20190907T081941_20190907T090918_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1: GOT) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1: GOT) fo	CS_OFFL_SIR_GOP_220190907T041137_20190907T050114_C001	Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic				
CS_OFFL_SIR_GOP_2_201909071064027_201909071064027_c001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20190907T064027_20190907T073005_C001 Topography (1), Total Geocentric Ocean Tide Keight (solution 2: FES) and the Non-equilibrium Long Period for one or more records CS_OFFL_SIR_GOP_2_20190907T073005_20190907T073005_20190907T073005_20190907T081941_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20190907T073005_20190907T081941_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_GOP_2_20190907T073005_20190907T081941_20190907T090918_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) CS_OFFL_SIR_GOP_2_20190907T081941_20190907T090918_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1: GOT) for one or more records CS_OFFL_SIR_GOP_2_20190907T090918_2010 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1: GOT) for one or more records	CS_OFFL_SIR_GOP_220190907T050114_20190907T055051_C001						
CS_OFFL_SIR_GOP_2_20190907T064027_20190907T073005_C001 Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT) Topography height (solution 1), the Total Geocentric Ocean Topography height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height Topography (1) CS_OFFL_SIR_GOP_2_20190907T073005_20190907T081941_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_GOP_2_20190907T081941_20190907T090918_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	CS_OFFL_SIR_GOP_220190907T055051_20190907T064027_C001						
CS_OFFL_SIR_GOP_2_20190907T073005_20190907T081941_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_20190907T081941_20190907T090918_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide (GOT) CS_OFFL_SIR_GOP_2_20190907T090918_2010 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) There is an error with the MSS height (solution 1) and the Total Geocentric Ocean Tide (SOT)	CS_OFFL_SIR_GOP_220190907T064027_20190907T073005_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean	Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height				
CS_OFFL_SIR_GOP_2_20190907T081941_20190907T090918_C001 CS_OFFL_SIR_GOP_2_20190907T081941_20190907T090918_C001 CS_OFFL_SIR_GOP_2_20190907T081941_20190907T090918_C001 CS_OFFL_SIR_GOP_2_20190907T081941_20190907T090918_C001 Mean Sea Surface (1), Mean Dynamic Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOP_220190907T073005_20190907T081941_C001	Mean Sea Surface (1), Mean Dynamic	for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic				
CS OFFL SIR GOP 2 201000077000018 201000077005854 C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOP_220190907T081941_20190907T090918_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide				
	CS_OFFL_SIR_GOP_220190907T090918_20190907T095854_C001	Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic				

CS_OFFL_SIR_GOP_2_20190907T095854_20190907T104832_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_20190907T104832_20190907T113808_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_220190907T113808_20190907T122745_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records			
CS_OFFL_SIR_GOP_220190907T122745_20190907T131722_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_20190907T131722_20190907T140659_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_220190907T140659_20190907T145635_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_20190907T145635_20190907T154612_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_20190907T154612_20190907T163549_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_220190907T163549_20190907T172526_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_220190907T172526_20190907T181502_C001	Mean Sea Surrace (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) Non-Fauilbrium Long Period	Inere is an error with the MSS height (solution 1) and the Mean Lynamic 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_220190907T181502_20190907T190439_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_220190907T190439_20190907T195416_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_20190907T195416_20190907T204353_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_220190907T204353_20190907T213329_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_20190907T213329_20190907T222307_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_220190907T222307_20190907T231243_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_220190907T231243_20190908T000220_C002	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					
CrueSat D2D data includes a magnument confidence flag for each 20 Hz magn	urament record. The hit value of this flag inc	licates any problems when est			
CryoSat P2P data includes a measurement confidence flag for each 20-Hz meas Number of products with errors: 2	drement record. The bit value of this hag inc	licates any problems when set.			
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. Number of products with errors: 30					
P2P Quality Flags (20Hz PLRM)					
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.					
Number of products with errors: 30					
P2P Quality Flags (1 Hz & 1Hz PLRM)					
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.					
Number of products with errors: 30					
6.8 P2P Ocean Retracking Quality Check					
P2P Retracking Flags (20Hz)					
Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.					
Ocean Retracking Quality Flag (PI RM): This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected					

Ocean Retracking Quality Flag (PLRM): This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.

Number of products with errors: 27

P2P Retracking Flags PLRM

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

Ocean Retracking Quality Flag (PLRM): This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.

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