

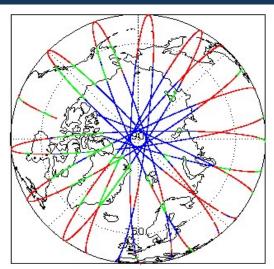
1. Overview

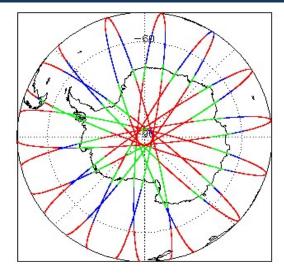
Report Production:	22-Sep-2022	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	

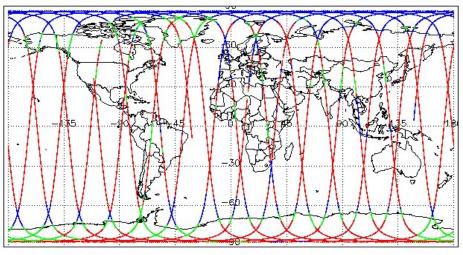
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	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
QCC Error/ Warning Check	See Section 7.2	See Section 7.2

Mission / Instru	Mission / Instrument News		
23-Aug-2022	None		
24-Aug-2022	None		
25-Aug-2022	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
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4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

4.2 L1B Product Header Analysis

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

L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1B GOPR and GOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release.

Number of products with errors:

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.

mber of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

6

0

Product		Description
CS_OFFL_SIR_GOPM1B_20220824T053259_20220824T053950_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20220824T070723_20220824T071432_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20220824T141249_20220824T141315_C001		There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20220824T150142_20220824T150246_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20220824T164648_20220824T165123_C001		There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20220824T003333_20220824T004718_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220824T014230_20220824T015816_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220824T021135_20220824T023219_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220824T080237_20220824T083440_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220824T131624_20220824T132546_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220824T182908_20220824T183556_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220824T020225_20220824T020440_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220824T120345_20220824T120714_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220824T120717_20220824T120806_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220824T134241_20220824T134354_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220824T134527_20220824T134752_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220824T184404_20220824T184905_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220824T201430_20220824T201524_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220824T233345_20220824T233500_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 NetCDF product file (.nc).

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:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

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

Number of products with errors:

48

Product	Took Eniled	Deceriation
Product	Test Failed	Description There is an error with the Mean Dynamic Topography (solution 1) for one
CS_OFFL_SIR_GOPM_2_20220824T053116_20220824T053247_C001	Mean Dynamic Topography (1)	or more records
CS_OFFL_SIR_GOPM_2_20220824T165251_20220824T165317_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_20220824T002427_20220824T002525_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_20220824T011839_20220824T012051_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_20220824T020225_20220824T020440_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_20220824T024858_20220824T025045_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_20220824T025729_20220824T030351_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_20220824T033909_20220824T034305_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_20220824T043835_20220824T044032_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_20220824T083440_20220824T083658_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_20220824T092710_20220824T092836_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_20220824T093347_20220824T093652_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20220824T110742_20220824T111021_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_20220824T111250_20220824T111812_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_20220824T120345_20220824T120714_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20220824T120717_20220824T120806_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20220824T124726_20220824T125002_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_20220824T134241_20220824T134354_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_20220824T142429_20220824T142652_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_20220824T152445_20220824T152628_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_20220824T160446_20220824T160638_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_20220824T165701_20220824T165730_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_20220824T174424_20220824T174603_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_20220824T192420_20220824T192802_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_20220824T210349_20220824T210707_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_20220824T211219_20220824T211345_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_20220824T214446_20220824T214509_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_20220824T215439_20220824T215538_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_20220824T225127_20220824T225234_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_20220824T233345_20220824T233500_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_20220824T002525_20220824T003107_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_20220824T020440_20220824T021135_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_20220824T034305_20220824T034827_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_20220824T052127_20220824T052840_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_20220824T065850_20220824T070626_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_20220824T071655_20220824T071747_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_20220824T083814_20220824T084438_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_20220824T084438_20220824T084629_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_20220824T101618_20220824T102541_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_20220824T115811_20220824T120345_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_20220824T133559_20220824T134241_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_20220824T151550_20220824T152203_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_20220824T165317_20220824T165543_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_20220824T165730_20220824T170151_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_20220824T183556_20220824T184404_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_20220824T201524_20220824T202311_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_20220824T215538_20220824T220345_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_20220824T233500_20220824T234220_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

6

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220824T053259_20220824T053950_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_20220824T070723_20220824T071432_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_20220824T141249_20220824T141315_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_20220824T150142_20220824T150246_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_20220824T164648_20220824T165123_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 (20 Hz)

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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220823T234834_20220824T001937_C001	and Backscatter Quality, OCOG Altimeter	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_20220824T003333_20220824T004718_C001	and Backscatter Quality, OCOG Altimeter	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_20220824T004721_20220824T010854_C001		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_20220824T011127_20220824T011633_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_20220824T011711_20220824T011839_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_20220824T012612_20220824T013611_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_20220824T014230_20220824T015816_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_20220824T021135_20220824T023219_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_20220824T023358_20220824T024731_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_20220824T025045_20220824T025545_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_20220824T025626_20220824T025729_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_20220824T030355_20220824T032322_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_20220824T032329_20220824T032609_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_20220824T032731_20220824T033821_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_20220824T040502_20220824T042551_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_20220824T043126_20220824T043503_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_20220824T044222_20220824T051006_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_20220824T054112_20220824T060544_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_20220824T060909_20220824T061418_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_20220824T061425_20220824T061752_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_20220824T062149_20220824T065506_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_20220824T070723_20220824T071432_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_20220824T071749_20220824T072527_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_20220824T074059_20220824T074509_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_20220824T074910_20220824T075452_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_20220824T080237_20220824T083440_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_20220824T083658_20220824T083713_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_20220824T084629_20220824T084640_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_20220824T084703_20220824T084841_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
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CS_OFFL_SIR_GOPM_2_20220824T090722_20220824T092301_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_20220824T092836_20220824T093347_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_20220824T094049_20220824T101618_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_20220824T102541_20220824T102807_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_20220824T103821_20220824T104259_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_20220824T104338_20220824T110132_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_20220824T111039_20220824T111250_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_20220824T112032_20220824T115626_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_20220824T120806_20220824T122719_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_20220824T122804_20220824T124125_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_20220824T125002_20220824T125159_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_20220824T125325_20220824T125702_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_20220824T125928_20220824T131422_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_20220824T131624_20220824T132546_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_20220824T134752_20220824T140506_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_20220824T142119_20220824T142229_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_20220824T143131_20220824T143604_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_20220824T143901_20220824T145326_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_20220824T152723_20220824T152734_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_20220824T152742_20220824T153000_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_20220824T153123_20220824T153835_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_20220824T153838_20220824T160256_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_20220824T160638_20220824T160854_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_20220824T160900_20220824T161501_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_20220824T161854_20220824T164329_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_20220824T170829_20220824T171214_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
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CS_OFFL_SIR_GOPM_2_20220824T171428_20220824T174204_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_20220824T174850_20220824T175305_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_20220824T175805_20220824T182227_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_20220824T182416_20220824T182609_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_20220824T182908_20220824T183556_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_20220824T184905_20220824T191935_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_20220824T192802_20220824T193343_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_20220824T193715_20220824T194125_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_20220824T201242_20220824T201430_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_20220824T202710_20220824T205958_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_20220824T210707_20220824T211219_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_20220824T211755_20220824T213355_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_20220824T220345_20220824T223851_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_20220824T224455_20220824T224707_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_20220824T224714_20220824T225127_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_20220824T225632_20220824T232215_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_20220824T232218_20220824T232943_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_20220824T233214_20220824T233345_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_20220824T234220_20220824T234759_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_20220824T234820_20220824T235643_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_20220824T013611_20220824T013717_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_20220824T084841_20220824T084938_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_20220824T125702_20220824T125839_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_20220824T160446_20220824T160638_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_20220824T202311_20220824T202440_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_20220824T211219_20220824T211345_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (20 Hz 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.

Number of products with errors:

Product	Test Failed	Description
Product CS_OFFL_SIR_GOPN_2_20220824T010945_20220824T011127_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	Description 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_20220824T015816_20220824T020117_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_20220824T024858_20220824T025045_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_20220824T025729_20220824T030351_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_20220824T033909_20220824T034305_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_20220824T042853_20220824T043126_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_20220824T060735_20220824T060909_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_20220824T061752_20220824T061922_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_20220824T065718_20220824T065850_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_20220824T075452_20220824T075529_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_20220824T075654_20220824T075808_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_20220824T093347_20220824T093652_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_20220824T104259_20220824T104338_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_20220824T110742_20220824T111021_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_20220824T111250_20220824T111812_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_20220824T115716_20220824T115811_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_20220824T120345_20220824T120714_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_20220824T134527_20220824T134752_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_20220824T140506_20220824T141031_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_20220824T142429_20220824T142652_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_20220824T143604_20220824T143750_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_20220824T160446_20220824T160638_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_20220824T165123_20220824T165245_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_SR_GOFFL_2_202364110455_202364111463_COS CS_OFFL_SR_GOFFL_2_202364110455_202364111463_COS CS_OFFL_SR_GOFFL_2_202364110455_202364111463_COS CS_OFFL_SR_GOFFL_2_202364110455_202364111463_COS CS_OFFL_SR_GOFFL_2_202364110455_202364111463_COS CS_OFFL_SR_GOFFL_2_202364110455_202364111663_COS CS_OFFL_SR_GOFFL_2_202364110455_202364111663_COS CS_OFFL_SR_GOFFL_2_202364110455_202364110455_COS CS_OFFL_SR_GOFFL_2_202364110455_202365_COS CS	CS_OFFL_SIR_GOPN_2_20220824T170707_20220824T170829_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records
Co.O. Co. Co	CS_OFFL_SIR_GOPN_2_20220824T171215_20220824T171428_C001		
Col.	CS_OFFL_SIR_GOPN_2_20220824T174424_20220824T174603_C001		
CS_OFFL.SR_GOPP_2_2022084T19360_202084T18580_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19380_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19380_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19380_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19380_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19380_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19380_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19380_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19380_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19360_0000 CS_OFFL.SR_GOPP_2_2022084T19360_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2722084T19360_0000 CS_OFFL.SR_GOPP_2_2022084T19360_2	CS_OFFL_SIR_GOPN_2_20220824T174722_20220824T174850_C001		
OCO Althresis Regul, SSA, 2014 OCO Althresis Regul, SSA, 2014	CS_OFFL_SIR_GOPN_2_20220824T175305_20220824T175600_C001		
Del Generatie Caulity Pissal. COOR Amount Plance and Excitation Caulity Pissal have been as for or or or or or control. Collection Caulity Pissal have been as for or o	CS_OFFL_SIR_GOPN_2_20220824T184404_20220824T184905_C001		
GS. OFFL SIR GOPN 2. 20220841195343 20220841795412 CODI Additional diseasement couls by Plaga have been self or on a former force set. CS. OFFL SIR GOPN 2. 20220841795032 20220841705412 CODI OCCA Allemete Range Gualey PLBA. CODE Range and Backscotter Coulsty Plaga have been self or on a former force set. CS. OFFL SIR GOPN 2. 20220841720518 20220841701642 CODI OCCA Allemete Range Gualey PLBA. CODE Range and Backscotter Coulsty Plaga have been self or on a force set. CS. OFFL SIR GOPN 2. 20220841720518 20220841701649 CODI Allemete Range Gualey PLBA. CODE Range and Backscotter Coulsty Plaga have been self or on a force of set. ACCA Allemete Range Gualey PLBA. CODE Range and Backscotter Coulsty Plaga have been self or on a force of set. CS. OFFL SIR GOPN 2. 20220841721049 20220841721645 CODI CODE Residence Coulsty Plaga have been self for on a force of set. OCCA Allemete Range Gualey PLBA. CODE Range and Backscotter Coulsty Plaga have been self for on a force of set. CS. OFFL SIR GOPN 2. 20220841721192 20220841721645 CODI CODE Residence Coulsty Plaga have been self for on a force of set. OCCA Allemete Range Gualey PLBA. CODE Range and Backscotter Gualey Plaga have been self for on a force of set. CODE Residence Coulsty Plaga have been self for on a force of set. CODE Residence Coulsty Plaga have been self for on a force of set. CODE Residence Coulsty Plaga have been self for on a force of set. CODE Residence Coulsty Plaga have been self for on a force of set. CODE Residence Coulsty Plaga have been self for on a force of set. CODE Residence Coulsty Plaga have been self for on a force of set. CODE Residence Coulsty Plaga have been self for on a force of set. CODE Residence Coulsty Plaga have been self for on a force o	CS_OFFL_SIR_GOPN_2_20220824T192420_20220824T192802_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS. OFFL. SRR, GOPN 2. 202209521720219.	CS_OFFL_SIR_GOPN_2_20220824T193343_20220824T193458_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Baskscatter Quality PLM. CS_OFFL_SIR_GOPN_2_20220824T202518_2022824T22710_0001 CS_OFFL_SIR_GOPN_2_20220824T202518_2022824T22710_0001 CS_OFFL_SIR_GOPN_2_20220824T202518_2022824T210707_0001 Abstracter Range and Baskscatter Quality PLM. CCG OS flandscatter Quality PLM. CCG Baskscatter Quality PLM. CCG Baskscatter Quality PLM. CCG Baskscatter Quality PLM. CCG OS flandscatter Range Galley PLM. CCG OS flandscatter Range Galley PLM. CCG Baskscatter Quality PLM. CCG OS flandscatter Range Galley PLM. CCG OS flandscatter Quality PLM. CCG OS flandscatter Qua	CS_OFFL_SIR_GOPN_2_20220824T195038_20220824T195412_C001		
CCOOR Branches after Quality PLRM. CS_OFFL_SIR_GOPN_2_202208247210349_20220824721056_0001 CS_OFFL_SIR_GOPN_2_202208247210349_20220824721056_0001 CS_OFFL_SIR_GOPN_2_202208247211346_0001 CCOOR Branches Range Quality PLRM. CCOOR Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_202208247214446_20220824724509_0001 CS_OFFL_SIR_GOPN_2_20220824724446_20220824724509_0001 CS_OFFL_SIR_GOPN_2_20220824724404_20220824724509_0001 CS_OFFL_SIR_GOPN_2_202208247224104_20220824722450_0001 CS_OFFL_SIR_GOPN_2_202208247224104_20220824722450_0001 CS_OFFL_SIR_GOPN_2_202208247224104_202208247228244_0001 CS_OFFL_SIR_GOPN_2_202208247224104_202208247228244_0001 CS_OFFL_SIR_GOPN_2_202208247225127_202208247228200_0001 All mater Range Quality PLRM. CCOOR Branches Range Quality PLRM. CCOOR	CS_OFFL_SIR_GOPN_2_20220824T200239_20220824T200442_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter (Justily PLRM, COCA) Allimeter Range and Backscatter (Justily Plags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220824T211219_20220824T211345_C001 CS_OFFL_SIR_GOPN_2_20220824T211219_20220824T211345_C001 CS_OFFL_SIR_GOPN_2_20220824T211346_2020824T211345_C001 CS_OFFL_SIR_GOPN_2_20220824T213446_2020824T213536_C001 CS_OFFL_SIR_GOPN_2_20220824T213439_20220824T213538_C001 CS_OFFL_SIR_GOPN_2_20220824T224104_20220824T224455_C001 CS_OFFL_SIR_GOPN_2_20220824T224104_20220824T224455_C001 CS_OFFL_SIR_GOPN_2_20220824T2233345_20220824T2233500_C001 CS_OFFL_SIR_GOPN_2_20220824T2233345_20220824T2333500_C001 CS_OFFL_SIR_GOPN_2_20220824T2033345_20220824T204455_C001 CS_OFFL_SIR_GOPN_2_20220824T205127_2020824T203455_C001 CS_OFFL_SIR_GOPN_2_20220824T205127_2020824T203455_C001 CS_OFFL_SIR_GOPN_2_20220824T205127_2020824T203455_C001 CS_OFFL_SIR_GOPN_2_20220824T205127_2020824T203455_C001 CS_OFFL_SIR_GOPN_2_20220824T2033345_20220824T233500_C001 CS_OFFL_SIR_GOPN_2_20220824T2033345_20220824T203455_C001 CS_OFFL_SIR_GOPN_2_20220824T2033345_20220824T203455_C001 CS_OFFL_SIR_GOPN_2_20220824T203512_20220824T010945_C001 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T010945_C001 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T010945_C001 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T010945_C001 CS_OFFL_SIR_GOPN_2_20220824T010945_20001 CS_OFFL_SIR_GOPN_2_20220824T04095_2020824T010945_20001 CS_OFFL_SIR_GOPN_2_20220824T04095_2020	CS_OFFL_SIR_GOPN_2_20220824T202518_20220824T202710_C001		
CS_OFFL_SIR_GOPN_2_20220824T21446_20220824T214509_C001 CS_OFFL_SIR_GOPN_2_20220824T214446_20220824T214509_C001 CS_OFFL_SIR_GOPN_2_20220824T21449_20220824T215538_C001 CS_OFFL_SIR_GOPN_2_20220824T224104_20220824T224455_C001 CS_OFFL_SIR_GOPN_2_20220824T224104_20220824T2243500_C001 CS_OFFL_SIR_GOPN_2_20220824T224104_20220824T225234_C001 CS_OFFL_SIR_GOPN_2_20220824T223345_20220824T2253500_C001 CS_OFFL_SIR_GOPN_2_20220824T0233345_20220824T233500_C001 CS_OFFL_SIR_GOPN_2_20220824T02051_20220824T02455_C001 CS_OFFL_SIR_GOPN_2_20220824T02051_20220824T02455_C001 CS_OFFL_SIR_GOPN_2_20220824T02051_20220824T02455_C001 CS_OFFL_SIR_GOPN_2_20220824T02051_20220824T02455_C001 CS_OFFL_SIR_GOPR_2_20220824T010854_20220824T02455_C001 CS_OFFL_SIR_GOPR_2_20220824T01055_20220824T012547_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T0123500_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T012547_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T0123500_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T012547_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T0123500_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T012547_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T0123500_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T0123500_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T0123500_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T0123500_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034857_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034857_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034855_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034857_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034855_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034855_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034855_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034855_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034855_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034855_C001 CS_OFFL_SIR_GOPR_2_20220824T034055_20220824T034855_C0	CS_OFFL_SIR_GOPN_2_20220824T210349_20220824T210707_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCG Backscatter Quality CS_OFFL_SIR_GOPN_2_20220824T215439_20220824T215538_C001 OCG Allmeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records OCG Allmeter Range Quality FLRM, OCG Allmeter Range and Backscatter Quality Flags have been set for one or more records OCG Allmeter Range Quality FLRM, OCG Allmeter Range Quality FLRM, OCG Allmeter Range and Backscatter Quality Flags have been set for one or more records OCG Allmeter Range Quality FLRM, OCG Allmeter Range Quality FLRM, OCG Allmeter Range Quality FLRM, OCG Backscatter Quality Flags have been set for one or more records OCG Allmeter Range Quality FLRM, OCG Allmeter Range Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records OCG Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backscatter Quality Flags have been set for one or more records The OCG Range and Backsc	CS_OFFL_SIR_GOPN_2_20220824T211219_20220824T211345_C001		
and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPN_2_20220824T224104_20220824T224455_CO01 CS_OFFL_SIR_GOPN_2_20220824T224104_20220824T224455_CO01 CS_OFFL_SIR_GOPN_2_20220824T225127_20220824T22534_CO01 CS_OFFL_SIR_GOPN_2_20220824T225127_20220824T22534_CO01 CS_OFFL_SIR_GOPN_2_20220824T225127_20220824T23500_CO01 CS_OFFL_SIR_GOPN_2_20220824T233345_20220824T235300_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T010945_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T010945_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T010945_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012557_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012547_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012547_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012547_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012547_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012547_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012547_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012547_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012547_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012557_CO01 CS_OFFL_SIR_GOPN_2_20220824T010854_20220824T012547_CO01 CS_OFFL_SIR_GOPN_2_20220824T01017_20220824T012557_CO01 CS_OFFL_SIR_GOPN_2_20220824T01017_20220824T01255_CO01 CS_OFFL_SIR_GOPN_2_20220824T020440_20220824T01255_CO01 CS_OFFL_SIR_GOPN_2_20220824T020440_20220824T024858_CO01 CS_OFFL_SIR_GOPN_2_20220824T024731_20220824T024858_CO01 CS_OFFL_SIR_GOPN_2_20220824T024731_20220824T024858_CO01 CS_OFFL_SIR_GOPN_2_20220824T03405_20220824T034857_CO01 CS_OFFL_SIR_GOPN_2_20220824T03405_20220824T034857_CO01 CS_OFFL_SIR_GOPN_2_20220824T03405_20220824T034857_CO01 CS_OFFL_SIR_GOPN_2_20220824T03405_20220824T034857_CO01 CS_OFFL_SIR_GOPN_2_20220824T03405_20220824T034857_CO01 CS_OFFL_SIR_GOPN_2_20220824T03405_20220824T034857_CO01 CS_OFFL_SIR_GOPN_2_20220824T03405_20220824T034857_CO01 CS_OFFL_SIR_GOPN_2_20220824T03405_20220824T034857_CO01 CS_OFFL_SIR_GOPN_2_20220824T03405_20220824T	CS_OFFL_SIR_GOPN_2_20220824T214446_20220824T214509_C001		
OCOG Backscatter Quality CS_OFFL_SIR_GOPN_2_20220824T225127_20220824T225234_C001 OCOG Altimeter Range Quality PLRM. OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter R	CS_OFFL_SIR_GOPN_2_20220824T215439_20220824T215538_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220824T010854_20220824T010945_C001 CS_OFFL_SIR_GOPR_2_20220824T010854_20220824T010945_C001 CS_OFFL_SIR_GOPR_2_20220824T010854_20220824T010945_C001 CS_OFFL_SIR_GOPR_2_20220824T010854_20220824T010945_C001 CS_OFFL_SIR_GOPR_2_20220824T010854_20220824T010945_C001 CS_OFFL_SIR_GOPR_2_20220824T010854_20220824T010945_C001 CS_OFFL_SIR_GOPR_2_20220824T010854_20220824T012547_C001 CS_OFFL_SIR_GOPR_2_20220824T012051_20220824T012547_C001 CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T01230_C001 CS_OFFL_SIR_GOPR_2_20220824T04017_20220824T014230_C001 CS_OFFL_SIR_GOPR_2_20220824T020440_20220824T01235_C001 CS_OFFL_SIR_GOPR_2_20220824T020440_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_2020824T034827_C001	CS_OFFL_SIR_GOPN_2_20220824T224104_20220824T224455_C001		
CS_OFFL_SIR_GOPR_2_20220824T01854_20220824T01945_C001 Altimeter Range and Backscatter Quality PLRM, OCO Altimeter Range and Backscatter Quality PLRM COC Altimeter Range and Backscatter Quality PLRM COC Altimeter Range and Backscatter Quality Plags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Plags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Plags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Plags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Plags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Plags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T01253_C001 CS_OFFL_SIR_GOPR_2_20220824T02440_20220824T021135_C001 CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T0404032_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T0404032_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T0404032_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T0404032_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T0404032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T0	CS_OFFL_SIR_GOPN_2_20220824T225127_20220824T225234_C001		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM of Cog Altimeter Range and Backscatter Quality PLRM of Cog Altimeter Range and Backscatter Quality PLRM of Cog Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T014230_C001 CS_OFFL_SIR_GOPR_2_20220824T02440_20220824T021135_C001 CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T034827_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_2020824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_2020824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_2020824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_2020824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_2020824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20208	CS_OFFL_SIR_GOPN_2_20220824T233345_20220824T233500_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220824T012051_20220824T012547_C001 and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220824T020440_20220824T014230_C001 CS_OFFL_SIR_GOPR_2_20220824T020440_20220824T014230_C001 CS_OFFL_SIR_GOPR_2_20220824T020440_20220824T01135_C001 CS_OFFL_SIR_GOPR_2_20220824T020440_20220824T021135_C001 CS_OFFL_SIR_GOPR_2_20220824T020440_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T0404032_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T0404032_20220824T04222_C001 Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COOG Altimeter Range and Backscatter Quality PLRM, COOG Altimeter Range and Backscatter Quality PLRM, COOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T0442853_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Fl	CS_OFFL_SIR_GOPR_2_20220824T010854_20220824T010945_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220824T02440_20220824T021135_C001 CS_OFFL_SIR_GOPR_2_20220824T020440_20220824T021135_C001 CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042253_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 OCOMA Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flag	CS_OFFL_SIR_GOPR_2_20220824T012051_20220824T012547_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM ocog Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001 CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001 CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T044032_20220824T04404032_20220824T04404032_20220824T04404032_20220824T04404032_20220824T04404032_20220824T04404032_20220824T04404032_20220824T04404032_20220824T04404032_20220824T04404032_20220824T04404032_20220824T0440404040404040404040404040404040404	CS_OFFL_SIR_GOPR_2_20220824T014017_20220824T014230_C001		
CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_CO01 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM oCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Qua	CS_OFFL_SIR_GOPR_2_20220824T020440_20220824T021135_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM one or more records and the OCOG Altimeter Range and Backscatter Quality PLRM ocog Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Rang	CS_OFFL_SIR_GOPR_2_20220824T024731_20220824T024858_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220824T0442551_20220824T0442853_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001 and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and Backscat	CS_OFFL_SIR_GOPR_2_20220824T034305_20220824T034827_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and	CS_OFFL_SIR_GOPR_2_20220824T042551_20220824T042853_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPR_2_20220824T044032_20220824T044222_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

COLD FILL SEL COME 2_2020001100100_72000011100100_7200001100100_7200001100100_7200001100100_7200001100100_7200001100100_7200001100100_7200001100100_7200001100100_7200001100100_72000001100100_72000001100100_72000001100100_72000001100100_72000001100100_72000001100100_72000001100100_72000001100100_720000001100100_72000001100100_72000001100100_72000001100100_72000001100100_72000001100100_72000001100100_720000000110010000000000	CS_OFFL_SIR_GOPR_2_20220824T052127_20220824T052840_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
Co. OFFL SR GOPR 2 202288110982 2022821010922 CO.	CS_OFFL_SIR_GOPR_2_20220824T052840_20220824T053116_C001		
Company	CS_OFFL_SIR_GOPR_2_20220824T060545_20220824T060735_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Section Sect	CS_OFFL_SIR_GOPR_2_20220824T061922_20220824T062149_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CRI_OFF_SIR_COPF_2_202084710960_202084710940_0000847107490_00018 CRI_OFF_SIR_COPF_2_202084710960_202084710940_000184710940_000184710940_000084710940_000084710940_000084710940_000084710940_000084710940_000084710940_000084710940_000084710940_000084710940_0	CS_OFFL_SIR_GOPR_2_20220824T065850_20220824T070626_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
## Glodescater Coulty F-24M COOFS ## Glo	CS_OFFL_SIR_GOPR_2_20220824T071655_20220824T071747_C001		
est Research Quality FRM, COOR ARTHURS PROPERTY DESCRIPTIONS AND ARTHUR PROPERTY ON THE PROPERTY OF THE PROPER	CS_OFFL_SIR_GOPR_2_20220824T074509_20220824T074750_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
## CODE Allement Plangs and Backscatter Quality Plant NOCOD Allement Plangs and Backscatter Quality Plant NoCOD Allement Plangs and Backscatter Quality Plant NoCOD Search Plant NoCOD Backscatter Quality Plant NoCOD Backsca	CS_OFFL_SIR_GOPR_2_20220824T075808_20220824T080237_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCC Backscater Quality Filips CS_OFFL_SIR_COPR_2_20220824T092912_20220824T092710_COD1 Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, SSHA, SVH and Backscater Quality Flags have been either Code Allmeter Range, and Backscater Quality Flags have been either Code Allmeter Range, and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range and Backscater Quality Flags have been either Code Range a	CS_OFFL_SIR_GOPR_2_20220824T083814_20220824T084438_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
## disabscatter Quality P,ERM, CODE ## Comparison of the code of	CS_OFFL_SIR_GOPR_2_20220824T084951_20220824T085320_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	
and flast-scatter Coulty FLRM, COCO Affirmeter Range and Backscatter Coulty FLRM CS_OFFL_SIR_GOPR_2_20220824T101818_20220824T102541_CO01 CS_OFFL_SIR_GOPR_2_20220824T101818_20220824T10742_CO01 CS_OFFL_SIR_GOPR_2_20220824T10182_20220824T10742_CO01 CS_OFFL_SIR_GOPR_2_20220824T118281_20220824T10742_CO01 CS_OFFL_SIR_GOPR_2_20220824T118281_20220824T10742_CO01 CS_OFFL_SIR_GOPR_2_20220824T118281_20220824T10742_CO01 CS_OFFL_SIR_GOPR_2_20220824T118281_20220824T10742_CO01 CS_OFFL_SIR_GOPR_2_20220824T118281_20220824T122804_CO01 CS_OFFL_SIR_GOPR_2_20220824T13856_20220824T122804_CO01 CS_OFFL_SIR_GOPR_2_20220824T13556_20220824T122804_CO01 CS_OFFL_SIR_GOPR_2_20220824T13556_20220824T134780_CO01 CS_OFFL_SIR_GOPR_2_20220824T13556_20220824T13550_2001 CS_OFFL_SIR_GOPR_2_20220824T13556_20220824T150142_CO01 CS_OFFL_SIR_GOPR_2_20220824T15560_20220824T150142_CO01 CS_OFFL_SIR_GOPR_2_20220824T15560_20220824T150142_CO01 CS_OFFL_SIR_GOPR_2_20220824T15560_20220824T150142_CO01 CS_OFFL_SIR_GOPR_2_20220824T15560_20220824T150142_CO01 CS_OFFL_SIR_GOPR_2_20220824T15050_20220824T150142_CO01 CS_OFFL_SIR_GOPR_2_20220824T15050_20220824T150142_CO01 CS_OFFL_SIR_GOPR_2_20220824T15050_20220824T150142_CO01 CS_OFFL_SIR_GOPR_2_20220824T15050_20220824T15050_CO01 CS_OFFL_SIR_GOPR_2_20220824T15050_20220824T15050_CO01 CS_OFFL_SIR_GOPR_2_20220824T15050_20220824T15050_CO01 CS_OFFL_SIR_GOPR_2_20220824T15050_20220824T15050_CO01 CS_OFFL_SIR_GOPR_2_20220824T15050_20220824T15050_CO01 CS_OFFL_SI	CS_OFFL_SIR_GOPR_2_20220824T092301_20220824T092710_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220824T10188_20220824T10742_C001 CS_OFFL_SIR_GOPR_2_20220824T10132_20220824T10742_C001 CS_OFFL_SIR_GOPR_2_20220824T110132_20220824T10742_C001 CS_OFFL_SIR_GOPR_2_20220824T110132_20220824T10742_C001 CS_OFFL_SIR_GOPR_2_20220824T110132_20220824T10742_C001 CS_OFFL_SIR_GOPR_2_20220824T110132_20220824T10742_C001 CS_OFFL_SIR_GOPR_2_20220824T10132_20220824T120345_C001 CS_OFFL_SIR_GOPR_2_20220824T120345_C001 CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T124045_C001 CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T124045_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T132401_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T132401_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T132401_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T132401_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T132035_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T132035_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T132035_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T132035_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T132035_C001 CS_OFFL_SIR_GOPR_2_20220824T13550_20220824T132035_C001 CS_OFFL_SIR_GOPR_2_20220824T13550_20220824T152035_C001 CS_OFFL_SIR_GOPR_2_20220824T13550_20220824T152035_C001 CS_OFFL_SIR_GOPR_2_20220824T13550_20220824T152035_C001 CS_OFFL_SIR_GOPR_2_20220824T15550_20220824T152035_C001 CS_OFFL_SIR_GOPR_2_20220824T15550_20220824T152035_C001 CS_OFFL_SIR_GOPR_2_20220824T15550_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150151_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150151_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150151_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150151_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150151_C001 CS_OFFL_SIR_GOPR_2_20220824T150257_20220824T150151_C001 CS_OFFL_SIR_GOPR_2_2022082	CS_OFFL_SIR_GOPR_2_20220824T093652_20220824T094049_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_GOPR_2_20220824T11512_20220824T115716_C001 CS_OFFL_SIR_GOPR_2_20220824T115821_20220824T115716_C001 CS_OFFL_SIR_GOPR_2_20220824T115811_20220824T120345_C001 CS_OFFL_SIR_GOPR_2_20220824T115811_20220824T120345_C001 CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122034_C001 CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122034_C001 CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122034_C001 CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122001 CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122001 CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122001 CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T124726_C001 CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T124726_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T134241_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T134241_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T134241_C001 CS_OFFL_SIR_GOPR_2_20220824T14530_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T14530_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160456_C001 CS_OFFL_SIR_GOPR_2_20220824T160457_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160457_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160457_20220824T17500_C002_Allmeter Range and Backscatter Quality PLRM, COCO_Allmeter Range and Backscatter Qual	CS_OFFL_SIR_GOPR_2_20220824T101618_20220824T102541_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220824T15811_20220824T122804_C001 CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122804_C001 CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122804_C001 CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122804_C001 CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T124726_C001 CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T124726_C001 CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T124726_C001 CS_OFFL_SIR_GOPR_2_20220824T134559_20220824T134341_C001 CS_OFFL_SIR_GOPR_2_20220824T134559_20220824T134341_C001 CS_OFFL_SIR_GOPR_2_20220824T134559_20220824T134341_C001 CS_OFFL_SIR_GOPR_2_20220824T134559_20220824T134350	CS_OFFL_SIR_GOPR_2_20220824T110132_20220824T110742_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SS_OFFL_SIR_GOPR_2_20220824T115811_20220824T128045_C001 CS_OFFL_SIR_GOPR_2_20220824T12219_20220824T122804_C001 COGS_Allimeter Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_GOPR_2_20220824T115626_20220824T115716_C001		
OCOG Backscatter Quality CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T124726_C001 CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T133559_20220824T134241_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T134241_C001 CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T134091_C001 CS_OFFL_SIR_GOPR_2_20220824T143750_20220824T134001_C001 CS_OFFL_SIR_GOPR_2_20220824T143750_20220824T134001_C001 CS_OFFL_SIR_GOPR_2_20220824T145366_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T15550_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T15550_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T160446_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T174024_20220824T1770151_C001 CS_OFFL_SIR_GOPR_2_20220824T174024_20220824T1770151_C001 CS_OFFL_SIR_GOPR_2_20220824T174024_20220824T1770151_C001 CS_OFFL_SIR_GOPR_2_20220824T174024_20220824T1770151_C001 CS_OFFL_SIR_GOPR_2_20220824T174024_20220824T1770151_C001 CS_OFFL_SIR_GOPR_2_20220824T174024_20220824T1770151_C001 CS_OFFL_SIR_GOPR_2_20220824T174024_20220824T1770151_C001 CS_OFFL_SIR_GOPR_2_20220824T174024_20220824T17740151_C001 CS_OFFL_SIR_GOPR_2_20220824T174044_202008_201747424_2001 CS_OFFL_SIR_GOPR_2_20220824T174044_202008_201747424_2001 CS_OFFL_SIR_GOPR_2_20220824T174044_20220824T174424_2001 CS_OFFL_SIR_GOPR_2_20220824T174044_202008_201747424_2001 CS_OFFL_SIR_GOPR_2_20220824T174004_20220824T174044_2001 CS_OFFL_SIR_GOPR_2_20220824T17404_20220824T174424_2001	CS_OFFL_SIR_GOPR_2_20220824T115811_20220824T120345_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T134241_C001 Allimeter Range and Backscatter Quality PLRM, OCOG Allimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T134241_C001 CS_OFFL_SIR_GOPR_2_20220824T143750_20220824T143901_C001 CS_OFFL_SIR_GOPR_2_20220824T143750_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T145326_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T151550_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T15150_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T160446_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T160446_C001 CS_OFFL_SIR_GOPR_2_20220824T1760257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T1760257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T1760257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T1760257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T1760257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T1774204_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T1774204_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T1774204_C001 CS_OFFL_SIR_GOPR_2_20220824T176000_20220824T1774204_C001 CS_OFFL_SIR_GOPR_2_20220824T176000_20220824T1774204_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T1774204_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T1774204_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T1774204_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T1774204_C001 CS_OFFL_SIR_GOPR_2_20220824T177600_20220824T1774205_C002 Allimeter Range and Backscatter Quality PLRM, OCOG Allimeter Range and Backscatter Quality PLRM,	CS_OFFL_SIR_GOPR_2_20220824T122719_20220824T122804_C001		
and Backscatter Quality PLRM, COG Altimeter Range and Backscatter Quality Flags and the OCG Altimeter Range and Backscatter Quality Flags and the OCG Altimeter Range and Backscatter Quality Flags and the OCG Altimeter Range and Backscatter Quality Flags and the OCG Altimeter Range and Backscatter Quality Flags and the OCG Altimeter Range and Backscatter Quality Flags and the OCG Altimeter Range and Backscatter Quality Flags and the OCG Altimeter Range and Backscatter Quality Flags and the OCG Altimeter Range and Backscatter Quality Flags and the OCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220824T145326_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T1550_20220824T150142_C001 CS_OFFL_SIR_GOPR_2_20220824T1550_20220824T150_2001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T160446_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T160446_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T1774204_20220824T1774204_C020824T1774204_C020824T1774204_C020824T1774204_C020824T1774204_C020824T1774204_C020824T1774204_C020824T1774204_C020824T1774204_C020824T1774805_C001 CS_OFFL_SIR_GOPR_2_20220824T176500_20220824T1774805_C001 CS_OFFL_SIR_GOPR_2_20220824T176500_20220824T1775805_C001 CS_OFFL_SIR_GOPR_2_20220824T176500_20220824T1776805_C001 CS_OFFL_SIR_GOPR_2_20220824T176500_20220824T1776805_C001	CS_OFFL_SIR_GOPR_2_20220824T124125_20220824T124726_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220824T143750_20220824T143901_CO01 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and t	CS_OFFL_SIR_GOPR_2_20220824T133559_20220824T134241_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220824T15550_20220824T152203_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T160446_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T160446_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T174204_20220824T174424_C001 CS_OFFL_SIR_GOPR_2_20220824T174204_20220824T174424_C001 CS_OFFL_SIR_GOPR_2_20220824T175600_20220824T175805_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM oCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220824T174204_20220824T174424_C001 CS_OFFL_SIR_GOPR_2_20220824T175600_20220824T175805_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPR_2_20220824T143750_20220824T143901_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220824T151550_20220824T152203_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T160446_C001 CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T165730_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T174204_20220824T174424_C001 CS_OFFL_SIR_GOPR_2_20220824T174204_20220824T174424_C001 CS_OFFL_SIR_GOPR_2_20220824T174204_20220824T174424_C001 CS_OFFL_SIR_GOPR_2_20220824T175600_20220824T175805_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and	CS_OFFL_SIR_GOPR_2_20220824T145326_20220824T150142_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220824T165730_20220824T170151_C001 CS_OFFL_SIR_GOPR_2_20220824T174204_20220824T174424_C001 CS_OFFL_SIR_GOPR_2_20220824T174204_20220824T174424_C001 CS_OFFL_SIR_GOPR_2_20220824T175600_20220824T175805_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM ocog Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter	CS_OFFL_SIR_GOPR_2_20220824T151550_20220824T152203_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the	CS_OFFL_SIR_GOPR_2_20220824T160257_20220824T160446_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220824T175600_20220824T175805_C001 and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags Altimeter Range Altimeter Range Altimeter Range Altimet	CS_OFFL_SIR_GOPR_2_20220824T165730_20220824T170151_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPR_2_20220824T174204_20220824T174424_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPR_2_20220824T175600_20220824T175805_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_GOPR_2_20220824T183556_20220824T184404_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_20220824T191935_20220824T192420_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_20220824T193458_20220824T193715_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_20220824T200842_20220824T201141_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_20220824T201524_20220824T202311_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_20220824T202440_20220824T202518_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_20220824T205958_20220824T210349_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_20220824T211345_20220824T211755_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_20220824T214555_20220824T214716_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_20220824T214716_20220824T215156_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_20220824T215538_20220824T220345_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_20220824T223851_20220824T224104_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

L2 Quality Flags (1 Hz & 1 Hz PLRM)

Currently, there are several common flags raised in the Level 2 products, which are summarised below.

> 1 Hz and 1 Hz Ocean SSHA Quality Flags: These flags are currently set for products over sea ice, which is to be expected.

Number of products with errors:

175

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20 Hz)

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

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

Number of products with errors: 55

L2 Retracking Flags (20 Hz 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.

Number of products with errors: 13

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

6.1 P2P Product Format Check

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

Number of products with errors:

6.2 P2P Product Header Analysis

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

Number of products with errors:

0

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors: 0

6.4 P2P Auxiliary Correction Error Check

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

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

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

Number of products with errors:

30 Product Test Failed Description Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2__20220823T233734_20220824T002710_C002 Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS_OFFL_SIR_GOP_2__20220824T002710_20220824T011649_C001 Topography (1) Topography height (solution 1) for one or more records 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 20220824T011649 20220824T020624 C001 Topography height (solution 1) for one or more records Topography (1) 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 20220824T020624 20220824T025603 C001 Topography (1) Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS OFFL SIR GOP 2 20220824T025603 20220824T034539 C001 Topography height (solution 1) for one or more records Topography (1) 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_20220824T034539_20220824T043518_C001 Topography (1) Topography height (solution 1) for one or more records 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 20220824T043518 20220824T052454 C001 Topography height (solution 1) for one or more red Topography (1) 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_20220824T052454_20220824T061433_C001 Topography height (solution 1) for one or more records Topography (1) 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_20220824T061433_20220824T070409_C001 Topography height (solution 1) for one or more records Topography (1) 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 20220824T070409 20220824T075348 C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20220824T075348_20220824T084323_C001 Topography (1) 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__20220824T084323_20220824T093302_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1), 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__20220824T093302_20220824T102238_C001 Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period for one or more records Ocean Tide There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS OFFL SIR GOP 2 20220824T102238 20220824T111217 C001 Topography (1) Topography height (solution 1) for one or more records 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__20220824T111217_20220824T120153_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1), Total Geocentric Ocean Topography height (solution 1), the Total Geocentric Ocean Tide height CS OFFL SIR GOP 2 20220824T120153 20220824T125132 C001 Tide (GOT). Total Geocentric Ocean (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height Tide (FES), Non-Equilibrium Long Period for one or more records Ocean Tide 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__20220824T125132_20220824T134107_C001 Topography (1) Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS OFFL SIR GOP 2 20220824T134107 20220824T143046 C001 Topography height (solution 1) for one or more records Topography (1) 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__20220824T143046_20220824T152022_C001 Topography height (solution 1) for one or more records Topography (1) 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 20220824T152022 20220824T161001 C001 Topography height (solution 1) for one or more records 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 Mean Sea Surface (1), Mean Dynamic CS_OFFL_SIR_GOP_2__20220824T161001_20220824T165937_C001 Topography (1) 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_20220824T165937_20220824T174916_C001 Topography (1) Topography height (solution 1) for one or more records 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 20220824T174916 20220824T183852 C001 Topography (1) Topography height (solution 1) for one or more records 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__20220824T183852_20220824T192831_C001 Topography height (solution 1) for one or more records Topography (1) 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 20220824T192831 20220824T201806 C001 Topography (1) Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS OFFL SIR GOP 2 20220824T201806 20220824T210745 C001 Topography height (solution 1) for one or more records Topography (1) 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_20220824T210745_20220824T215721_C001 Topography height (solution 1) for one or more records Topography (1) 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__20220824T215721_20220824T224700_C001 Topography height (solution 1) for one or more records Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS OFFL SIR GOP 2 20220824T224700 20220824T233636 C001 Topography height (solution 1) for one or more records

Topography (1)

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220220824T052454_20220824T061433_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_220220824T070409_20220824T075348_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_2_20220824T134107_20220824T143046_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_220220824T143046_20220824T152022_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20 Hz)

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 (20 Hz 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: 28

P2P Quality Flags (1 Hz & 1 Hz 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 (20 Hz)

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 (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.

Number of products with errors: 30

7. GOP QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR GOPM1B		142	1	141	0
_	142		1		0
SIR_GOPR1B	90	90	0	90	0
SIR_GOPN1B	102	102	3	99	0
SIR_GOPM_2	142	142	94	48	0
SIR_GOPR_2	90	90	24	66	0
SIR_GOPN_2	102	102	41	61	0
SIR GOP P2P	29	29	0	29	0

7.1 QCC Errors

Number of QCC reports with errors:

0

7.2 QCC Warnings

Number of QCC reports with warnings

2076

	- 1					070005
Total n	ıumb	er o	f occurrence	s of ea	ach 1	warning

Product Type	BCSHNCDF	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD	RBSZOPOEPNCDF
SIR_GOPM1B	141	0	0	0	0	0	0
SIR_GOPM_2	0	34	42	0	36	0	32
SIR_GOPN1B	95	0	0	0	0	0	0
SIR_GOPN_2	0	8	35	3	25	28	22
SIR_GOPR1B	89	0	0	0	0	0	0
SIR_GOPR_2	0	39	41	0	35	37	24

Product Type	RMSSGHOPONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCE	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	1	32	0	0	0	0	26
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	0	0	0	25	0	31	0
SIR_GOPR1B	0	0	0	0	0	0	0
SIR GOPR 2	0	0	43	0	44	lo	0

Product Type	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	0	0	12	21	0	5	31
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	0	27	15	47	49	29	28
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	44	0	5	60	45	10	36

Product Type	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	-
SIR_GOPM1B	0	0	0	0	0	0	
SIR_GOPM_2	0	4	0	0	0	0	
SIR_GOPN1B	0	0	0	0	48	1	
SIR_GOPN_2	29	14	1	2	0	0	
SIR_GOPR1B	0	0	0	0	90	3	
SIR_GOPR_2	44	3	0	1	0	0	

1	Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD	RBSZOPOEPNCDF
ı	SIR GOP 2	10	29	29	2	29	19	28

Product Type	RMSSGHOPONCDF	RPEPOPFDPLRMSINNCDF	RPEPOPFDSINNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF
SIR_GOP_2_	1	18		23	19	29	20

Product Type	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHLPQWNCDF	-	-
SIR GOP 2	23	29	21	18	29		

Test Description Key:					
Abbreviation	Test name	Details			
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter			
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees			
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees			
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only			
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RMSSGHOPONCDF	RangeMSSGeoidHeightOPOceanNetCDF	The MSS/geoid height should be between -106000mm and 88000mm (or missing) for surface type = ocean - NetCDF			
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean			
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean			
RSSHAOFDPLRMNCD F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean			
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean			
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RSWHOEPFDPLRMNC DF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch			
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample			
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter			
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter			

7.3 Missing QCC Reports