

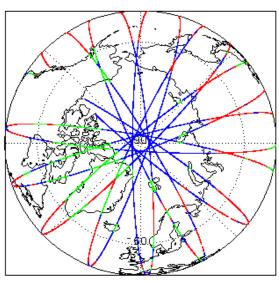
1. Overview

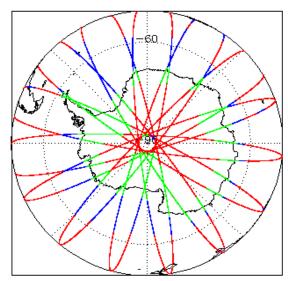
Report Production:	14-Jan-2021	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	

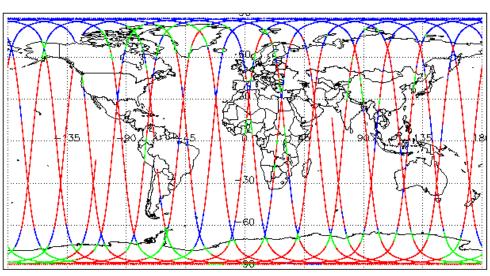
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
Ocean Retracking Quality Check	See Section 5.7	See Section 6.7
QCC Error/ Warning Check	See Section 7.1 and 7.2	See Section 7.1 and 7.2

	Mission / Instru	ment News
I	14-Dec-2020	None
۱	15-Dec-2020	None
	16-Dec-2020 SIRAL Unavailability due to planned On-board Maintenance on 2020-12-16 from 13:35:00 to 13:50:02 UTC.	

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

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.

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

0

0

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:

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:

21

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20201215T022800_20201215T023346_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20201215T040832_20201215T041430_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20201215T102305_20201215T104941_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20201215T130027_20201215T132704_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20201215T211346_20201215T212324_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20201215T023441_20201215T023638_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20201215T024622_20201215T024652_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20201215T025711_20201215T025852_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20201215T070033_20201215T070216_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20201215T074020_20201215T074419_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20201215T074440_20201215T074607_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20201215T092044_20201215T092459_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20201215T224239_20201215T224731_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20201215T033230_20201215T033546_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20201215T034537_20201215T034851_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20201215T041758_20201215T041902_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20201215T041902_20201215T042349_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20201215T052431_20201215T052803_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20201215T070216_20201215T070912_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20201215T091724_20201215T091944_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20201215T092647_20201215T093200_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

0

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

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

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

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

Number of products with errors:

54

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20201215T083722_20201215T083733_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPN_2_20201215T001621_20201215T001758_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_20201215T015610_20201215T015957_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20201215T023441_20201215T023638_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_20201215T033547_20201215T033903_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_20201215T034415_20201215T034537_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_20201215T042639_20201215T042725_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_20201215T052324_20201215T052431_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_20201215T060537_20201215T060655_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_20201215T074020_20201215T074419_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20201215T074440_20201215T074607_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_20201215T083857_20201215T084511_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_20201215T092044_20201215T092459_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_20201215T101815_20201215T102136_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_20201215T105932_20201215T110322_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_20201215T115918_20201215T120032_C001	GPD Wet Tropospheric Correction, Mean Dynamic Topography (1)	There is an error with the GPD Wet Tropospheric correction and the Mean Dynamic Topography for one or more records
CS_OFFL_SIR_GOPN_2_20201215T133823_20201215T133943_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_20201215T141614_20201215T141737_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20201215T143658_20201215T143717_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_20201215T150827_20201215T150953_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_20201215T151516_20201215T151827_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_20201215T164807_20201215T164922_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_20201215T165416_20201215T165741_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_20201215T182854_20201215T183129_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_20201215T183708_20201215T183948_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_20201215T192403_20201215T192524_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20201215T192830_20201215T193056_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20201215T200415_20201215T201021_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_20201215T210325_20201215T210539_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_20201215T214623_20201215T214813_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_20201215T215640_20201215T215828_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_20201215T224239_20201215T224731_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_20201215T010639_20201215T011422_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_20201215T024720_20201215T025508_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_20201215T041902_20201215T042349_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_20201215T042725_20201215T043727_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_20201215T060655_20201215T061422_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_20201215T074608_20201215T075129_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_20201215T092500_20201215T092647_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_20201215T092647_20201215T093200_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_20201215T110322_20201215T110840_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_20201215T124015_20201215T124913_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_20201215T141958_20201215T142851_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_20201215T143058_20201215T143308_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_20201215T143644_20201215T143658_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_20201215T143717_20201215T143833_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_20201215T155539_20201215T160505_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_20201215T160505_20201215T160636_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_20201215T173726_20201215T174404_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_20201215T174404_20201215T174941_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_20201215T191653_20201215T192251_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_20201215T192251_20201215T192402_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_20201215T194627_20201215T194841_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPR_2_20201215T205641_20201215T205826_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPR_2_20201215T205903_20201215T210038_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
	Maria Cara Confess (4) Maria Burania	There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_GOPR_2_20201215T210038_20201215T210325_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20201215T210038_20201215T210325_C001 CS_OFFL_SIR_GOPR_2_20201215T211205_20201215T211346_C001		

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:

0

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20201214T234708_20201215T001350_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
CS_OFFL_SIR_GOPM_2_20201215T002044_20201215T002501_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_20201215T002856_20201215T005504_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_20201215T005518_20201215T005554_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_20201215T005556_20201215T005809_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_20201215T010555_20201215T010639_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_20201215T012117_20201215T015243_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_20201215T015957_20201215T020542_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_20201215T020837_20201215T021322_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_20201215T021826_20201215T022231_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_20201215T024442_20201215T024535_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_20201215T025852_20201215T033230_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_20201215T033903_20201215T034414_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_20201215T034852_20201215T040535_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_20201215T043727_20201215T050613_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_20201215T050623_20201215T051124_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_20201215T051706_20201215T051903_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_20201215T051910_20201215T052324_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_20201215T052803_20201215T055249_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_20201215T055419_20201215T060116_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_20201215T060435_20201215T060537_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_20201215T061459_20201215T061511_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_20201215T061905_20201215T062009_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_20201215T062059_20201215T063005_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_20201215T063319_20201215T063542_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_20201215T064401_20201215T065042_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_20201215T070912_20201215T071948_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_20201215T071953_20201215T072136_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_20201215T072313_20201215T073205_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_20201215T073331_20201215T074020_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_20201215T074419_20201215T074440_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_20201215T080232_20201215T081239_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_20201215T081442_20201215T081715_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_20201215T082315_20201215T082939_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_20201215T083209_20201215T083703_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_20201215T083739_20201215T083857_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_20201215T084511_20201215T084909_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_20201215T090304_20201215T091220_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_20201215T093809_20201215T093814_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_20201215T095326_20201215T100901_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_20201215T101148_20201215T101632_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_20201215T102305_20201215T104941_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_20201215T112246_20201215T114812_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_20201215T115137_20201215T115532_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_20201215T115553_20201215T115918_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_20201215T120240_20201215T122914_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_20201215T130027_20201215T132704_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_20201215T133003_20201215T133447_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_20201215T133452_20201215T133823_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_20201215T134317_20201215T141614_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_20201215T142851_20201215T143058_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_20201215T150953_20201215T151516_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_20201215T152151_20201215T154320_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_20201215T154606_20201215T155539_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_20201215T160735_20201215T161115_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_20201215T162725_20201215T163343_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_20201215T163404_20201215T164433_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_20201215T164922_20201215T165416_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_20201215T170052_20201215T173325_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_20201215T175521_20201215T175737_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_20201215T175856_20201215T182155_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_20201215T183700_20201215T183707_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_20201215T184024_20201215T184624_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_20201215T184630_20201215T184721_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_20201215T190223_20201215T191005_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_20201215T192524_20201215T192829_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_20201215T193100_20201215T194627_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_20201215T194841_20201215T200335_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_20201215T201316_20201215T201734_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_20201215T201939_20201215T203412_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_20201215T203551_20201215T204956_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_20201215T211346_20201215T212324_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_20201215T213019_20201215T214458_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_20201215T214813_20201215T215640_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_20201215T215912_20201215T222140_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_20201215T225732_20201215T230058_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_20201215T230100_20201215T232353_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_20201215T232718_20201215T232913_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

Osan Alternater Range, SSHA, SWH and Backscatter Quality Range Range Quality, QCCQ, SWH and Backscatter Quality Range Range SWH, SWH and Backscatter Quality Range Range	CS_OFFL_SIR_GOPM_2_20201215T233004_20201215T233452_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Ouality, COCS SPFL_SIR_GOPN_2_202012151020542_202012151020556_C001 CS_OFFL_SIR_GOPN_2_202012151020542_202012151020556_C001 CS_OFFL_SIR_GOPN_2_202012151010515_202012151020556_C001 CS_OFFL_SIR_GOPN_2_202012151010515_202012151020556_C001 CS_OFFL_SIR_GOPN_2_20201215101053_20201215110537_C001 CS_OFFL_SIR_GOPN_2_202012151105347_20201215110537_C001 CS_OFFL_SIR_GOPN_2_202012151105347_20201215110537_C001 CS_OFFL_SIR_GOPN_2_202012151105347_20201215110537_C001 CS_OFFL_SIR_GOPN_2_20201215110534_20201215110537_C001 CS_OFFL_SIR_GOPN_2_202012151105347_20201215110537_C001 CS_OFFL_SIR_GOPN_2_202012151105347_20201215110537_C001 CS_OFFL_SIR_GOPN_2_202012151105347_20201215110537_C001 CS_OFFL_SIR_GOPN_2_202012151105347_20201215110537_C001 CS_OFFL_SIR_GOPN_2_202012151105347_20201215110537_C001 CS_OFFL_SIR_GOPN_2_202012151105347_20201215110537_C001 CS_OFFL_SIR_GOPN_2_20201215110535_20201215110537_C001 CS_OFFL_SIR_GOPN_2_20201215110535_20201215110537_C001 CS_OFFL_SIR_GOPN_2_20201215110535_20201215110537_C001 CS_OFFL_SIR_GOPN_2_20201215110535_20201215110537_C001 CS_OFFL_SIR_GOPN_2_20201215110535_20201215110537_C001 CS_OFFL_SIR_GOPN_2_20201215110535_20201215110537_C001 CS_OFFL_SIR_GOPN_2_20201215110535_20201215110537_C001 CS_OFFL_SIR_GOPN_2_20201215110535_20201215110537_C001 CS_OFFL_SIR_GOPN_2_2020121510535_2020121510575752_C001 CS_OFFL_SIR_GOPR_2_2020121510555_2020121510557_C001 CS_OFFL_SIR_GOPR_2_2020121510553_2020121510557_C001 CS_OFFL_SIR_GOPR_2_2020121510534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_2020121510534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_20201215110534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_20201215110534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_20201215110534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_20201215110534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_2020121510534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_2020121510534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_2020121510534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_2020121510534_2020121510557_C001 CS_OFFL_SIR_GOPR_2_2020121510534_2020121	CS_OFFL_SIR_GOPM_2_20201215T233826_20201215T234022_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and backscatter Quality Flags have been and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20201215T10816_20201215T102136_C001 CS_OFFL_SIR_GOPN_2_20201215T10816_20201215T102136_C001 CS_OFFL_SIR_GOPN_2_20201215T108347_20201215T115537_C001 CS_OFFL_SIR_GOPN_2_20201215T108347_20201215T11533452_C001 CS_OFFL_SIR_GOPN_2_20201215T168407_20201215T144922_C001 CS_OFFL_SIR_GOPN_2_20201215T168407_20201215T1683129_C001 CS_OFFL_SIR_GOPN_2_20201215T182854_20201215T183129_C001 CS_OFFL_SIR_GOPN_2_20201215T182854_20201215T168252_C001 CS_OFFL_SIR_GOPN_2_20201215T1082854_20201215T0941_C001 CS_OFFL_SIR_GOPN_2_20201215T0930_20201215T0941_C001 CS_OFFL_SIR_GOPN_2_20201215T09355_C001 CS_OFFL_SIR_GOPN_2_20201215T09355_C001 CS_OFFL_SIR_GOPN_2_20201215T0947275_202001215T094555_C001 CS_OFFL_SIR_GOPN_2_20201215T094555_C001 CS_OFFL_SIR_GOPN_2_20	CS_OFFL_SIR_GOPM_2_20201215T234137_20201216T000351_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20201215T115533_20201215T115537_CO01 CS_OFFL_SIR_GOPN_2_20201215T115533_20201215T115537_CO01 CS_OFFL_SIR_GOPN_2_20201215T133447_20201215T133452_C001 CS_OFFL_SIR_GOPN_2_20201215T133447_20201215T133452_C001 CS_OFFL_SIR_GOPN_2_20201215T164807_20201215T164922_C001 CS_OFFL_SIR_GOPN_2_20201215T164807_20201215T164922_C001 CS_OFFL_SIR_GOPN_2_20201215T162854_20201215T183129_C001 CS_OFFL_SIR_GOPN_2_20201215T102854_20201215T180129_C001 CS_OFFL_SIR_GOPN_2_20201215T102854_20201215T10941_C001 CS_OFFL_SIR_GOPN_2_20201215T100839_20201215T10041_C001 CS_OFFL_SIR_GOPN_2_20201215T100839_20201215T004772_C001 CS_OFFL_SIR_GOPR_2_20201215T00539_20201215T004772_C001 CS_OFFL_SIR_GOPR_2_20201215T00539_20201215T004772_C001 CS_OFFL_SIR_GOPR_2_20201215T00539_20201215T004772_C001 CS_OFFL_SIR_GOPR_2_20201215T00539_20201215T004772_C001 CS_OFFL_SIR_GOPR_2_20201215T00539_20201215T004772_C001 CS_OFFL_SIR_GOPR_2_20201215T004772_20201215T004772_C001 CS_OFFL_SIR_GOPR_2_20201215T004572_20201215T004572_C001	CS_OFFL_SIR_GOPN_2_20201215T020542_20201215T020656_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPN_2_20201215T133447_20201215T133452_C001 CS_OFFL_SIR_GOPN_2_20201215T164807_20201215T164922_C001 CS_OFFL_SIR_GOPN_2_20201215T164807_20201215T164922_C001 CS_OFFL_SIR_GOPN_2_20201215T164807_20201215T164922_C001 CS_OFFL_SIR_GOPN_2_20201215T164807_20201215T164922_C001 CS_OFFL_SIR_GOPN_2_20201215T182854_20201215T183129_C001 CS_OFFL_SIR_GOPN_2_20201215T182854_20201215T183129_C001 CS_OFFL_SIR_GOPN_2_20201215T10730_20201215T20941_C001 CS_OFFL_SIR_GOPN_2_20201215T10730_20201215T20941_C001 CS_OFFL_SIR_GOPN_2_20201215T010639_20201215T01422_C001 CS_OFFL_SIR_GOPN_2_20201215T00593_20201215T01422_C001 CS_OFFL_SIR_GOPN_2_20201215T00593_20201215T005706_C001 CS_OFFL_SIR_GOPN_2_20201215T00593_20201215T005706_C001 CS_OFFL_SIR_GOPN_2_20201215T00593_20201215T005706_C001 CS_OFFL_SIR_GOPN_2_20201215T00593_20201215T005706_C001 CS_OFFL_SIR_GOPN_2_20201215T00593_20201215T005706_C001 CS_OFFL_SIR_GOPN_2_20201215T00593_20201215T005706_C001 CS_OFFL_SIR_GOPN_2_20201215T00593_20201215T005706_C001 CS_OFFL_SIR_GOPN_2_20201215T00593_20201215T005706_C001 CS_OFFL_SIR_GOPN_2_20201215T005705_20201215T005705_C001 CS_OFFL_SIR_GOPN_2_20201215T005705_20201215T0057552_C001 CS_OFFL_SIR_GOPN_2_20201215T005705_20201215T0057552_C001 CS_OFFL_SIR_GOPN_2_20201215T0057573_20201125T0057552_C001 CS_OFFL_SIR_GOPN_2_20201215T105733_202011215T0057552_C001 CS_OFFL_SIR_GOPN_2_20201215T105404_20201215T105406_C001 CS_OFFL_SIR_GOPN_2_20201215T105406_C001 CS_OFFL_SIR_GOPN_2_20201215T105406_C001 CS_OFFL_SIR_GO	CS_OFFL_SIR_GOPN_2_20201215T101815_20201215T102136_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPN_2_20201215T164807_20201215T164922_C001 CS_OFFL_SIR_GOPN_2_20201215T182854_20201215T183129_C001 CS_OFFL_SIR_GOPN_2_20201215T182854_20201215T183129_C001 CS_OFFL_SIR_GOPN_2_20201215T10730_20201215T183129_C001 CS_OFFL_SIR_GOPN_2_20201215T10730_20201215T10741_C001 CS_OFFL_SIR_GOPN_2_20201215T010639_20201215T01422_C001 CS_OFFL_SIR_GOPR_2_20201215T010639_20201215T01422_C001 CS_OFFL_SIR_GOPR_2_20201215T010639_20201215T0147727_C001 CS_OFFL_SIR_GOPR_2_20201215T047725_20201215T047727_C001 CS_OFFL_SIR_GOPR_2_20201215T047725_20201215T045757_C001 CS_OFFL_SIR_GOPR_2_20201215T061551_20201215T061557_C001 CS_OFFL_SIR_GOPR_2_20201215T0675723_20201215T061557_C001 CS_OFFL_SIR_GOPR_2_20201215T0675723_20201215T045757_C001 CS_OFFL_SIR_GOPR_2_20201215T047725_20201215T045755_C001 CS_OFFL_SIR_GOPR_2_20201215T04374_20201215T045755_C001 CS_OFFL_SIR_GOPR_2_20201215T04574_20201215T045755_C001 CS_OFFL_SIR_GOPR_2_20201215T04574_20201215T045755_C001 CS_OFFL_SIR_GOPR_2_20201215T04574_20201215T045755_C001 CS_OFFL_SIR_GOPR_2_20201215T0454_20201215T045755_C001 CS_OFFL_SIR_GOPR_2_20201215T0454_20201215T143654_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T18353_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T183464_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T163464_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163444_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T163444_20201215T163404_C001	CS_OFFL_SIR_GOPN_2_20201215T115533_20201215T115537_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20201215T182854_20201215T183129_C001 OCGA Allimeter Range Quality, OCGA Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. OCGA Allimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags and the OCGA Allimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T042727_C001 CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T061557_C001 CS_OFFL_SIR_GOPR_2_20201215T061551_20201215T061557_C001 CS_OFFL_SIR_GOPR_2_20201215T075723_20201215T075752_C001 CS_OFFL_SIR_GOPR_2_20201215T075723_20201215T075752_C001 CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T12314_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T12314_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T12314_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T163444_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T163443_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OF	CS_OFFL_SIR_GOPN_2_20201215T133447_20201215T133452_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20201215T210730_20201215T210941_C001 CS_OFFL_SIR_GOPN_2_20201215T210730_20201215T011422_C001 CS_OFFL_SIR_GOPR_2_20201215T010639_20201215T011422_C001 CS_OFFL_SIR_GOPR_2_20201215T025768_C001 CS_OFFL_SIR_GOPR_2_20201215T0257631_20201215T025706_C001 CS_OFFL_SIR_GOPR_2_20201215T047725_20201215T043727_C001 CS_OFFL_SIR_GOPR_2_20201215T047723_20201215T075752_C001 CS_OFFL_SIR_GOPR_2_20201215T0474204_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163455_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163455_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163455_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163444_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163454_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163455_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163455_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163455_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163645_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163644_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163644_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163644_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163644_20201215T163653_C001 CS_OFFL_SIR_GOPR_2_20201215T163644_20201215T163653_C001 CCG_Allimeter Range_SSHA_SWH and Backscatter	CS_OFFL_SIR_GOPN_2_20201215T164807_20201215T164922_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been 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 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 have been Set for one or more records. OCOG Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range and Backscatter Quality Set for one or more records. OCOG Altimeter Range and Backscatter Quality Set for one or more records. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range, SSHA, SWH Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range, SSHA, SWH Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range and Backscatter Quality Flags have been set for one o	CS_OFFL_SIR_GOPN_2_20201215T182854_20201215T183129_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPR_2_20201215T025631_20201215T043727_C001 CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001 CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001 CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001 CS_OFFL_SIR_GOPR_2_20201215T061551_20201215T061557_C001 CS_OFFL_SIR_GOPR_2_20201215T075723_20201215T061557_C001 CS_OFFL_SIR_GOPR_2_20201215T075723_20201215T075752_C001 CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 And the CCOG 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. CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCG_OFFL_SIR_GOPR	CS_OFFL_SIR_GOPN_2_20201215T210730_20201215T210941_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001 CS_OFFL_SIR_GOPR_2_20201215T061551_20201215T061557_C001 CS_OFFL_SIR_GOPR_2_20201215T061551_20201215T061557_C001 CS_OFFL_SIR_GOPR_2_20201215T075723_20201215T075752_C001 CS_OFFL_SIR_GOPR_2_20201215T075723_20201215T075752_C001 CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 Backscatter Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 COCOG 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 have been set for one or more records. CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CCOG Altimeter Range Altimeter	CS_OFFL_SIR_GOPR_2_20201215T010639_20201215T011422_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality ocog Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20201215T061551_20201215T061557_C001 CS_OFFL_SIR_GOPR_2_20201215T075723_20201215T075752_C001 CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 CS_OFFL_SIR_GOPR_2_202012	CS_OFFL_SIR_GOPR_2_20201215T025631_20201215T025706_C001		
Backscatter Quality CS_OFFL_SIR_GOPR_2_20201215T075723_20201215T075752_C001 CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T123109_C001 Backscatter Quality CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T123109_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T163455_20201215T163404_C001 CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 Backscatter Quality Cocan Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA 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 OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20201215T061551_20201215T061557_C001		
Backscatter Quality Cean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Alt	CS_OFFL_SIR_GOPR_2_20201215T075723_20201215T075752_C001		
CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality SHags have been set for one or more records. Ocean 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 have been set for one or more records. Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. 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. 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. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20201215T122914_20201215T123109_C001		
CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001 Ocean Altimeter 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_20201215T182155_20201215T182853_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20201215T143644_20201215T143658_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_GOPR_2_20201215T210941_20201215T21102_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_GOPR_2_20201215T2110941_20201215T21102_C001	CS_OFFL_SIR_GOPR_2_20201215T163343_20201215T163404_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS OFFI SIR GOPR 2 202012151210941 202012151211102 CO01	CS_OFFL_SIR_GOPR_2_20201215T182155_20201215T182853_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPR_2_20201215T210941_20201215T2111102_C001	0 7	

L2 Quality Flags (20Hz PLRM)

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20201215T002501_20201215T002751_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_20201215T015610_20201215T015957_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_20201215T022231_20201215T022605_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_20201215T023441_20201215T023638_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_20201215T024146_20201215T024308_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_20201215T025508_20201215T025631_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_20201215T040535_20201215T040831_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_20201215T042639_20201215T042725_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_20201215T051303_20201215T051706_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_20201215T065111_20201215T065242_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_20201215T074440_20201215T074607_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_20201215T075129_20201215T075156_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_20201215T083025_20201215T083208_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_20201215T083857_20201215T084511_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_20201215T091601_20201215T091724_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_20201215T091945_20201215T092022_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_20201215T092044_20201215T092459_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_20201215T094306_20201215T094435_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_20201215T105722_20201215T105845_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_20201215T105932_20201215T110322_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_20201215T111839_20201215T112007_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_20201215T115533_20201215T115537_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_20201215T132839_20201215T133003_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_20201215T141614_20201215T141737_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_20201215T143658_20201215T143717_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_20201215T143859_20201215T143927_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_20201215T145357_20201215T145519_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_20201215T151516_20201215T151827_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_20201215T160637_20201215T160729_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_20201215T161116_20201215T161252_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_20201215T162409_20201215T162725_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_20201215T182854_20201215T183129_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_20201215T183322_20201215T183700_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_20201215T200415_20201215T201021_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_20201215T210730_20201215T210941_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_20201215T212550_20201215T213019_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_20201215T214623_20201215T214813_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_20201215T222317_20201215T222656_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_20201215T224239_20201215T224731_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_20201215T232913_20201215T233003_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_20201215T001350_20201215T001620_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_20201215T002752_20201215T002856_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_20201215T005809_20201215T005857_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_20201215T010639_20201215T011422_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_20201215T015243_20201215T015610_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.
CC OFFI CID CODD 2 20204245T024200 20204245T024226 C004	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_GOPR_2_20201215T024308_20201215T024336_C001	OCOG Backscatter Quality	more records.
CS_OFFL_SIR_GOPR_2_20201215T024720_20201215T025508_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	
	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20201215T024720_20201215T025508_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	more records. The Ocean Altimeter Range, SSHA, SWH 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20201215T024720_20201215T025508_C001 CS_OFFL_SIR_GOPR_2_20201215T033230_20201215T033546_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM,	more records. The Ocean Altimeter Range, SSHA, SWH 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_GOPR_2_20201215T024720_20201215T025508_C001 CS_OFFL_SIR_GOPR_2_20201215T033230_20201215T033546_C001 CS_OFFL_SIR_GOPR_2_20201215T041431_20201215T041551_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	more records. The Ocean Altimeter Range, SSHA, SWH 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20201215T024720_20201215T025508_C001 CS_OFFL_SIR_GOPR_2_20201215T033230_20201215T033546_C001 CS_OFFL_SIR_GOPR_2_20201215T041431_20201215T041551_C001 CS_OFFL_SIR_GOPR_2_20201215T041902_20201215T042349_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	more records. The Ocean Altimeter Range, SSHA, SWH 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20201215T024720_20201215T025508_C001 CS_OFFL_SIR_GOPR_2_20201215T033230_20201215T033546_C001 CS_OFFL_SIR_GOPR_2_20201215T041431_20201215T041551_C001 CS_OFFL_SIR_GOPR_2_20201215T041902_20201215T042349_C001 CS_OFFL_SIR_GOPR_2_20201215T042401_20201215T042639_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	more records. The Ocean Altimeter Range, SSHA, SWH 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG 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 have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20201215T024720_20201215T025508_C001 CS_OFFL_SIR_GOPR_2_20201215T033230_20201215T033546_C001 CS_OFFL_SIR_GOPR_2_20201215T041431_20201215T041551_C001 CS_OFFL_SIR_GOPR_2_20201215T041902_20201215T042349_C001 CS_OFFL_SIR_GOPR_2_20201215T042401_20201215T042639_C001 CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	more records. The Ocean Altimeter Range, SSHA, SWH 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG 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 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, 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 have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Fla
CS_OFFL_SIR_GOPR_2_20201215T024720_20201215T025508_C001 CS_OFFL_SIR_GOPR_2_20201215T033230_20201215T033546_C001 CS_OFFL_SIR_GOPR_2_20201215T041431_20201215T041551_C001 CS_OFFL_SIR_GOPR_2_20201215T041902_20201215T042349_C001 CS_OFFL_SIR_GOPR_2_20201215T042401_20201215T042639_C001 CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001 CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean 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 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	more records. The Ocean Altimeter Range, SSHA, SWH 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG 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 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 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 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_20201215T024720_20201215T025508_C001 CS_OFFL_SIR_GOPR_2_20201215T033230_20201215T033546_C001 CS_OFFL_SIR_GOPR_2_20201215T041431_20201215T041551_C001 CS_OFFL_SIR_GOPR_2_20201215T041902_20201215T042349_C001 CS_OFFL_SIR_GOPR_2_20201215T042401_20201215T042639_C001 CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001 CS_OFFL_SIR_GOPR_2_20201215T051124_20201215T051303_C001 CS_OFFL_SIR_GOPR_2_20201215T051124_20201215T052803_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean 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 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	more records. The Ocean Altimeter Range, SSHA, SWH 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG 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 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 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 have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20201215T024720_20201215T025508_C001 CS_OFFL_SIR_GOPR_2_20201215T033230_20201215T033546_C001 CS_OFFL_SIR_GOPR_2_20201215T041431_20201215T041551_C001 CS_OFFL_SIR_GOPR_2_20201215T041902_20201215T042349_C001 CS_OFFL_SIR_GOPR_2_20201215T042401_20201215T042639_C001 CS_OFFL_SIR_GOPR_2_20201215T042725_20201215T043727_C001 CS_OFFL_SIR_GOPR_2_20201215T051124_20201215T051303_C001 CS_OFFL_SIR_GOPR_2_20201215T052431_20201215T052803_C001 CS_OFFL_SIR_GOPR_2_20201215T052431_20201215T060221_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean 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 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Rang	more records. The Ocean Altimeter Range, SSHA, SWH 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG 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 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 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 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_20201215T081239_20201215T081441_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_20201215T081716_20201215T081746_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_20201215T084909_20201215T085121_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_20201215T092500_20201215T092647_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_20201215T092647_20201215T093200_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_20201215T094544_20201215T095326_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_20201215T100901_20201215T100944_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_20201215T104941_20201215T105115_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_20201215T110322_20201215T110840_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_20201215T1110905_20201215T111139_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_20201215T120033_20201215T120240_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_20201215T124015_20201215T124913_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_20201215T133943_20201215T134317_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_20201215T141943_20201215T141957_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_20201215T143058_20201215T143308_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_20201215T143644_20201215T143658_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_20201215T150518_20201215T150826_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_20201215T155539_20201215T160505_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_20201215T160505_20201215T160636_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_20201215T164433_20201215T164807_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_20201215T165741_20201215T170052_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_20201215T173726_20201215T174404_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_20201215T174404_20201215T174941_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_20201215T182155_20201215T182853_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_20201215T191115_20201215T191257_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_20201215T191653_20201215T192251_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_20201215T192251_20201215T192402_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_20201215T194627_20201215T194841_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_20201215T205203_20201215T205220_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_20201215T205641_20201215T205826_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_20201215T210038_20201215T210325_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_20201215T210539_20201215T210730_C001	ucean Aitimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	Ine Ocean Altimeter 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_20201215T210941_20201215T211102_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_20201215T211205_20201215T211346_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_20201215T223523_20201215T223619_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_20201215T223619_20201215T224239_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_20201215T224741_20201215T225025_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_20201215T225515_20201215T225732_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_20201215T232353_20201215T232557_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_20201215T233705_20201215T233826_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 & 1Hz PLRM)

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

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

Number of products with errors:

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20Hz)

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:

L2 Retracking Flags (20Hz, PLRM)

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM measurement record. The bit value of this flag 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: 15

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

6.1 P2P Product Format Check

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

Number of products with errors:

6.2 P2P Product Header Analysis

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

Number of products with errors:

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

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 which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update. The affected products are not reported in the table below.
- > Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.
- > Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20201214T233128_20201215T002107_C002	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_GOP_2_20201215T002107_20201215T011043_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T011043_20201215T020022_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20201215T020022_20201215T024958_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T024958_20201215T033937_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T033937_20201215T042912_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T042912_20201215T051851_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T051851_20201215T060827_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T060827_20201215T065806_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T065806_20201215T074742_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20201215T074742_20201215T083721_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T083721_20201215T092656_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T092656_20201215T101635_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T101635_20201215T110611_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T110611_20201215T115550_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T115550_20201215T124526_C001	, GPD Wet Tropospheric Correction, Mean Sea Surface (1), Mean Dynamic Topography (1)	#N/A
CS_OFFL_SIR_GOP_2_20201215T124526_20201215T133505_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T133505_20201215T142440_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20201215T142440_20201215T151419_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T151419_20201215T160355_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T160355_20201215T165334_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T165334_20201215T174310_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T174310_20201215T183249_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T183249_20201215T192224_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T192224_20201215T201203_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20201215T201203_20201215T210139_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20201215T210139_20201215T215118_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T215118_20201215T224054_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20201215T224054_20201215T233033_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

Number of products with errors:

(

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20Hz)

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

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

Number of products with errors:

P2P Quality Flags (20Hz PLRM)

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

Number of products with errors: 30

P2P Quality Flags (1 Hz & 1Hz PLRM)

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

Number of products with errors: 3

6.8 P2P Ocean Retracking Quality Check

P2P Retracking Flags (20Hz)

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag (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:

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	211	211	4	207	0
SIR_GOPR1B	131	131	0	131	0
SIR_GOPN1B	96	96	3	93	0
SIR_GOPM_2	211	211	154	57	0
SIR_GOPR_2	131	131	42	86	3
SIR_GOPN_2	96	96	32	64	0
SIR GOP P2P	29	29	0	26	3

7.1 QCC Errors

Number of QCC reports with errors:

6

Total number of	occurrences	of each	error

Pi	roduct Type	RLOBOPNCDF	RL	RL	RLOBOPNCDF	RL	RL	•	-	-	-	-
S	IR_GOPR_2	3	1	3	3	1	3					
Pi	roduct Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-

Fest Description Key:								
Abbreviation	Test name	Details						
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7						
RL	RangeLatitude_6	Latitude should be between -90E6 and 90E6						
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7						
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7						
RL	RangeLongitude_6	Longitude should be between -180E6 and 180E6						
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7						

7.2 QCC Warnings

Number of QCC reports with warnings

2321

Total number of occurrences of each warning

Total number of occurrences of each warning									
Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD		
SIR_GOPM1B	207	0	0	0	0	0	0		
SIR_GOPM_2	0	0	39	38	0	49	0		
SIR_GOPN1B	91	0	0	0	0	0	0		
SIR_GOPN_2	0	0	11	34	6	26	27		
SIR_GOPR1B	128	0	0	0	0	0	0		
SIR GOPR 2	0	3	37	55	2	36	25		

ı	Product Type	RBSZOPOEPNCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCI	DDEDODEDDI DMSINNCD	DDEDODEDSADNODE	RPEPOPFDSINNCDF
	Product Type	KB320F OLF NODI	KNEEFOTONODI	KF EF OF I DEKIMINODI	KF EF OF I DF EKWISAKIYOL	KF EF OF I DF EKWISHNICH	KF LF OF I DOAKNODI	KF EF OFT DOINNODI
	SIR_GOPM1B	0	0	0	0	0	0	0
	SIR_GOPM_2	40	0	34	0	0	0	0
	SIR_GOPN1B	0	0	0	0	0	0	0
	SIR_GOPN_2	17	1	0	0	25	0	36
	SIR_GOPR1B	0	0	0	0	0	0	0
	SIR GOPR 2	15	5	0	56	0	62	0

Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	29	0	0	6	25	0	2
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	0	0	30	19	39	48	27
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	0	52	0	4	67	38	14

Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	
SIR_GOPM1B	0	0	0	0	0	1	
SIR_GOPM_2	34	0	4	0	0	0	
SIR_GOPN1B	0	0	0	0	46	1	
SIR_GOPN_2	27	29	15	2	0	0	
SIR_GOPR1B	0	0	0	0	130	6	
SIR_GOPR_2	47	58	2	6	0	0	

Produc	t Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC	RBSZOPOEPNCDF
SIR_GC	OP_2_	16	29	29	6	29	17	29

Product Type	RNELPOTONCDF	RPEPOPFDPLRMSINNCD	RPEPOPFDSINNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF
SIR_GOP_2_	5	15	29	25	18	29	17

Product Type	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHLPQWNCDF	-	•
SIR GOP 2	24	29	18		29		

Abbreviation Test name Details	Test Description Key:						
BUSHNODF BURSDONDEPS BURSDONDE		Test name	Details				
INDHIMOOR IndexOFHzin2OHzMappingOutORange The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples-MVIOEPFDNCDF MissingValueIntOceanExcludingPolarFD2NetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 de missing value' for surface type 0 only for latitudes between -70 and 70 de missing value' for surface type 0 only for latitudes between -70 and 70 de missing value' for surface type 0 only for latitudes between -70 and 70 de missing value' for surface type 0 only for latitudes between -70 and 70 de missing value' for surface type 0 only for latitudes between -70 and 70 de missing value' for surface type 0 only for latitudes between -70 and 70 de missing value' for surface type 0 only for latitudes between -70 and 70 de missing value' for surface type 0 only for latitudes between -70 and 70 de grees The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean robusting -70 missing for surface type 1 ocean robusting -70 missing for surface type 2 ocean for latitudes between -70 missing for surface type 2 ocean for latitudes between -70 missing for surface type 2 ocean for latitudes between -70 missing for surface type 2 ocean for latitudes between -70 missing for surface type 2 ocean for latitudes between -70 missing for surface type 3 ocean for latitudes between -70 missing for surface type 3 ocean for latitudes between -70 missing for surface type 3 ocean for latitudes between -70 missing for surface type 3 ocean for latitudes between -70 missing for surface type 3 ocean for latitudes between -70 missing for surface type 3 ocean for latitudes between -70 missing for surface type 3 ocean for latitudes between -70 missing for surface type 3 ocean for latitudes between -70 missing for surface type 3 ocean for latitudes between -70 missing for surface t							
MIXIOEPFONCDF MissingValueIntOceanExcludingPolarPD2NetCDF MissingValueIntOceanExcludingPolarNetCDF MissingValueIntOceanExcludingPolarNetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 depres RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarPD2NetCDF RBSZOPOEPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarPD2NetCDF RRSZOPOEPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarPD2NetCDF RRSZOPOEPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarPD2NetCDF RRSZOPOEPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarPD2NetCDF RRSZOPOEPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RGPEOPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarOPFD2RMNetCDF RGPEOPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarOPFD2RMNetCDF RGPEOPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarOPFD2RMNetCDF RGPEOPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarOPFD2RMNetCDF RGPEOPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarOPFD2RMNetCDF RGPEOPFDLRM RGPBackscatterSigmaZeroOPOceanExcludingPolarOPFD2RMNetCDF RGPEOPFDLRM RGPBackscatterSigmaZeroOpOcoanExcludingPolarOPFD2RMNetCDF RGPEOPFDLRM RGPBackscatterSigmaZeroOpOcoanExcludingPolarOPFD2RMNetCDF RGPEOPFDSINNCDF	200.11102.						
MISIORY AlueIntOceanExcludingPolarNetCDF MissingValueIntOceanExcludingPolarNetCDF RBSZOPOEPFDNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF RBSZOPOEPNCDF RBSZOPOEPFDNCDF RBSZOPOEPNCDF RBSZOPOEPNCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarPD2PERMNetCDF RDEDFONCDF RBSZOPOEPNCDF RANGEBackscatterSigmaZeroOPOceanExcludingPolarPD2PERMNetCDF RDEDFONCDF RANGEBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RDEDFONCDF RANGEDFONCDF RANGEBACKSCATTERSIGMAZeroOPOceanExcludingPolarNetCDF RDEDFONCDF RDEDFOPPDLRMNCDF RAPEPOPFDLRMNCDF RAPEPOPFDLRMSARN RANGEBACKSCATTERSIGMAZeroOPOceanExcludingPolarNetCDF RDEDFOPPDPLRMSARN RANGEBACKSCATTERSIGMAZeroOPOceanExcludingPolarNetCDF RDEDFOPPDPLRMSARN RANGEBACKSCATTERSIGMAZeroOPOceanExcludingPolarNetCDF RDEDFOPPDLRMSARN RANGEBACKSCATTERSIGMAZeroOPOceanExcludingPolarNetCDF RDEDFOPPDPLRMSARN RANGEBACKSCATTERSIGMAZeroOPOceanExcludingPolarNetCDF RDEDFOPPDPLRMSARN RANGEBACKSCATTERSIGMAZeroOPOceanExcludingPolarNetCDF RDEDFOPPDPLRMSARN RANGEBACKSCATTERSIGMAZeroOPOceanExcludingPolarOPFDZPLRMSARNetCDF RDEDFOPPDPLRMSARN RANGEBACKSCATTERSIGMAZEROOPOCEANEX RANGEBACKSCATTERSIGMAZEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIGNATEROOPOCATTERSIG	IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)				
MINIONCEF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPROCDF RAngeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RBSZOPOEPROCDF RRBSZOPOEPROCDF RAngeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RBSZOPOEPROCDF RAngeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RBSZOPOEPROCDF RAngeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RAngePeakinessExcludingPolarOPFDZRMNetCDF RPEPOPFDLRMNCDF RPEPOPFDLRMSARN RangePeakinessExcludingPolarOPFDZPLRMNetCDF RPEPOPFDLRMSARN RangePeakinessExcludingPolarOPFDZPLRMSARNetCDF RPEPOPFDRSINNCDF RRPEPOPFDSINNCDF RRPEPOPFSINNCDF RRPEPOPSARNCDF RRPEPOPSARNCDF RRPEPOPSARNCDF RPEPOPSARNCDF RRPEPOPSARNCDF RRRPEPORANCDF RRRPEPORANCDF	MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
R8SZOPOEPFDNCDF R8SZOPOEPFDPLRM NCDF R8SZOPOEPFDPLRM RCSCOPOEPFDPLRM RCSCOPOEPFDPLRM RCSCOPOEPFDPLRM RCSCOPOEPFDPLRM RCSCOPOEPRODF RAngeBackscatterSigmaZeroOPOceanExcludingPolarPD2PLRMNetCDF RRSSZOPOEPRODF RAngeBackscatterSigmaZeroOPOceanExcludingPolarPD2PLRMNetCDF RRSSZOPOEPRODF RAngeBackscatterSigmaZeroOPOceanExcludingPolarPolarPolarDPD2PLRMNetCDF RRSSZOPOEPRODF RAngeBackscatterSigmaZero should be between 700 and 7500 (or missing) for surface type = ocean in between - 70 and 70 degrees The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean in between - 70 and 70 degrees The Non-catter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean in between - 70 and 70 degrees The Non-catter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean in between - 70 and 70 degrees The Non-catter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean in between - 70 and 70 degrees The Non-catter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean in between - 70 and 70 degrees The Non-catter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean in between - 70 and 70 degrees The Non-catter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 700 (or missing) for surface type = ocean for latitudes between 700 and 700 (or missing) for surface type = ocean for latitudes between 700 and 700 (or missing) for surface type = ocean for latitudes between 700 and 700 (or missing) for surface type = ocean for latitudes between 700 and 700 degrees The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between 700 and 700 degrees The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between 700 and 700 degrees The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between 700 and 700 degrees T	MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
R8SZOPOEPRDPLRM NCDF R8SZOPOEPNCDF RRBSZOPOEPNCDF RRBSCACTORDS ATTGC tyce = ocean for latitudes be and 70 degrees RRSHOOPNCDF RRBSCACTORD ATTGCC tyce = ocean for latitudes be and 70 degrees RRSHOOPNCDF RRBSCACTORD ATTGCC tyce = ocean for latitudes be and 70 degrees RRSHOOPNCDF RRBSCACTORD ATTGCC tyce = ocean for latitud	MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only				
RBSZOPOEPFDPLRM NCDF RBSZOPOEPNCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RBSZOPOEPNCDF RBSZOPOEPNCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RBSZOPOEPNCDF RangePeakinsessExcludingPolarOPFDZLRMNetCDF RPEPOPFDLRMNCDF RAngePeakinsessExcludingPolarOPFDZLRMNetCDF RPEPOPFDLRMSINGN RangePeakinsessExcludingPolarOPFDZPLRMSANNetCDF RPEPOPFDRANGDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RAngePeakinsessExcludingPolarOPFDZPLRMSINNetCDF RPEPOPFDRANGDF RAngePeakinsessExcludingPolarOPFDZPLRMSINNetCDF RPEPOPFDRANGDF RAngePeakinsessExcludingPolarOPFDZPLRMSINNetCDF RAngePeakinsessExcludingPolarOPFDZSARNetCDF RAngePeakinsessExcludingPolarOPFDZSARNetCDF RAngePeakinsessExcludingPolarOPFDZSARNetCDF RAngePeakinsessExcludingPolarOPFDZSARNetCDF RAngePeakinsessExcludingPolarOPFDZSARNetCDF RAngePeakinsessExcludingPolarOPFDZSINNetCDF RAngePeakinsessExcludingPolarOPFDZSINNetCDF RAngePeakinsessExcludingPolarOPFDZSINNetCDF RAngePeakinsessExcludingPolarOPFDZSINNetCDF RAngePeakinsessExcludingPolarOPFDZSINNetCDF RAngePeakinsessExcludingPolarOPFDZSINNetCDF RAngePeakinsessExcludingPolarOPSARNetCDF RAngePeakinsessExcludingPolarOPSARNetCDF RAngePeakinsessExcludingPolarOPSARNetCDF RAngePeakinsessExcludingPolarOPSARNetCDF RAngePeakinsessExcludingPolarOPSARNetCDF RAngePeakinsessExcludingPolarOPSARNetCDF RAngePeakinsessExcludingPolarOPSARNetCDF RAngePeakinsessExcludingPolarOPSARNetCDF RAngeSeasitateBiasCorrectionOceanNetCDF RAngeSeasitateBiasCorrectionOceanNetCDF RAngeSeasitateBiasCorrectionOceanNetCDF RAngeSeasitateBiasCorrectionOceanNetCDF RAngeSeasitateBiasCorrectionOceanNetCDF RAngeSeasitateBiasCorrectionOceanNetCDF RAngeSeasitateBiasCorrectionOceanNetCDF RAngeSeasitateBiasCorrectionOceanNetCDF RAngeSeasitateBiasCorrectionOceanNetCDF RAnge	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				
RBSZOPOEPNCDF RNELPOTONCDF RNELPOTONCDF RNELPOTONCDF RPEPOPFDLRMNCDF RPEPOPFDLRMNCDF RPEPOPFDLRMNCDF RPEPOPFDLRMNCDF RPEPOPFDLRMNSAR RCPE RPEPOPFDLRMSINN RCPE RPEPOPFDRARNCDF RAGGE		RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes				
RPEPOPFDLRMNCDF RPEPOPFDLRMSAR RRPEPOPFDPLRMSAR RAngePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDPLRMSINN RAngePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDPLRMSINN RAngePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSARNCDF RPEPOPFDSARNCDF RPEPOPFDSARNCDF RPEPOPFDSARNCDF RPEPOPFDSARNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RAngePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RPEPOPSARNCDF RRPEPOPSARNCDF R	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				
RPEPOPFDPLRMSAR NCDF RPEPOPFDPLRMSINN CDF RPEPOPFDPLRMSINN CDF RPEPOPFDPLRMSINN CDF RPEPOPFDPLRMSINN CDF RPEPOPFDPLRMSINN CDF RPEPOPFDSARNCDF RPEPOPFDSARNCDF RPEPOPFDSARNCDF RPEPOPFDSARNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPSARNCDF RPEPOPSA	RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean				
NCDE RPEPOPFDLRMSINN CDF RPEPOPFDLRMSINN CDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPSINNCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF RPEPOPSINNCDF RangeSeaStateBiasCorrectionOceanNetCDF RSSHAOFDNCDF RangeSeaStateBiasCorrectionOceanNetCDF RSSHAOFDNCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RSSHAOFDPLRMNCD RSSHAOFDPLRMNCD RSSHAOFDPLRMNCD RSSHAOFDPLRMNCDF RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RSSHAONCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RSWHOEPFDPLRMNC DF RSWHOEPFDPLRMNC DF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcluding	RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDLAMSINN CDF CDF RPEPOPFDSARNCDF RPEPOPFDSARNCDF RPEPOPFDSARNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPFDSINNCDF RPEPOPSARNCDF RAngePeakinessExcludingPolarOPERMNetCDF RPEPOPSARNCDF RPEPOPSARNCDF RAngePeakinessExcludingPolarOPERMNetCDF RPEPOPSARNCDF RPEPOPSARNCDF RAngePeakinessExcludingPolarOPERMNetCDF RPEPOPSINNCDF RAngePeakinessExcludingPolarOPERMNetCDF RPEPOPSINNCDF RAngePeakinessExcludingPolarOPERMNetCDF RPEPOPSINNCDF RAngePeakinessExcludingPolarOPERMNetCDF RPEPOPSINNCDF RAngePeakinessExcludingPolarOPERMNetCDF RPEPOPSINNCDF RAngePeakinessExcludingPolarOPERMNetCDF RSSHAOFDNCDF RAngeSeaSurfaceHeightAnomalyOceanNetCDF RSSHAOFDNCDF RAngeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RSSHAOFDPLRMNCD FRSSHAOFDPLRMNCD FRSSHAOFDPLRMNCD FRSSHAOFDNCDF RAngeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RSSHAOFDNCDF RAngeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RSSHAOFDNCDF RAngeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RSSHAOFDPLRMNCD FRSSHAOFDPLRMNCD FRSSHAOFDPLRMNCDF FRSS		RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RangePeakinessExcludingPolarOPRMNetCDF RangePeakinessExcludingPolarOPRMNetCDF RangePeakinessExcludingPolarOPSARNetCDF RangePeakinessExcludingPolarOPSARNetCDF RangePeakinessExcludingPolarOPSARNetCDF RangePeakinessExcludingPolarOPSARNetCDF RangePeakinessExcludingPolarOPSARNetCDF RangePeakinessExcludingPolarOPSARNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangeSeaStateBiasCorrectionOceanNetCDF RangeSeaStateBiasCorrectionOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarrD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarrD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarrD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarrD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarrD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarrD2PLRMNetCDF RangeSig	RPEPOPFDPLRMSINN	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPESINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPLRMNetCDF Responsible between 0 and 90000 (or missing) for surface type = ocean for latitudes between 0 and 70 degrees RPEPOPSARNCDF Responsible between 0 and 6400 (or missing) for surface type = ocean for latitudes between 0 and 70 degrees RPEPOPSARNCDF Responsible between 0 and 15000 (or missing) for surface type = ocean for latitudes between 10 degrees RPEPOPSINNCDF Responsible between 0 and 90000 (or missing) for surface type = ocean for latitudes between 10 degrees RPEPOPSINNCDF Responsible between 0 and 90000 (or missing) for surface type = ocean for latitudes between 10 degrees RPEPOPSINNCDF Responsible between 0 and 90000 (or missing) for surface type = ocean for latitudes between 40 degrees RPEPOPSINNCDF Responsible between 0 and 90000 (or missing) for surface type = ocean for latitudes between 40 degrees RPEPOPSINNCDF Responsible between 0 and 90000 (or missing) for surface type = ocean for latitudes between 40 degrees RPEPOPSINNCDF Responsible between 0 and 90000 (or missing) for surface type = ocean for latitudes between 40 degrees RPEPOPSINNCDF Responsible between 0 and 90000 (or missing) for surface type = ocean for latitudes between 40 degrees RPEPOPSINNCDF Responsible between 0 and 90000 (or missing) for surface type = ocean for latitudes between 40 degrees RPEPOPSINNCDF Responsible between 40 and 90000 (or missing) for surface type = ocean for latitudes between 40 degrees RPEPOPSINNCDF Responsible between 40 and 90000 (or missing) for surface type = ocean for latitudes between 40 and 90000 (or missing) for surface type = ocean for latitudes between 40 and 90000 (or missing) for surface type = ocean for latitudes between 40 and 90000 (or missing) for surface type = ocean for latitudes between 40 and 90000 (or missing) for surface type = ocean for latitudes between 40 and 90000 (or missing) for surface type = ocean for latitudes between 40 and 90000 (or missing) for surface type = ocean for latit		RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70				
and 70 degrees RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangeSeaStateBiasCorrectionOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignific	RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF RangePeakinessExcludingPolarOPSARNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangePeakinessExcludingPolarOPSINNetCDF RangeSeaStateBiasCorrectionOceanNetCDF RangeSeaStateBiasCorrectionOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF RangeSigni	RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSSBCONCDF RangeSeaStateBiasCorrectionOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RSSHAOFDPLRMNCD RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF RSSHAOFDPLRMNCD RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF RSWHOEPFDPLRMNC DF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF DF RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF DF RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = 0 latitudes between -70 and 70 degrees The significant wave height should be between 0mm and 15000mm (or missing) for surface type = 0 latitudes between -70 and 70 degrees The significant wave height should be between 0mm and 15000mm (or missing) for surface type = 0 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				
RSSHAOFDNCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface ocean The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface ocean The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface ocean RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface ocean RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = o latitudes between -70 and 70 degrees RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = o latitudes between -70 and 70 degrees The significant wave height should be between 0mm and 15000mm (or missing) for surface type = o latitudes between -70 and 70 degrees The significant wave height should be between 0mm and 15000mm (or missing) for surface type = o 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				
RSSHAOFDPLRMNCD RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RSWHOEPFDNCDF RSWHOEPFDPLRMNC DF RSWHOEPFDPLRMNC DF RSWHOEPFDPLRMNC DF RSWHOEPFDPCDF RangeSignificantWaveHeightCeanExcludingPolarFD2PLRMNetCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RangeSignificantWaveHeightCeanExcludingPolarFD2PLRMNetCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RAngeSignificantWaveHeightCeanExcludingPolarFD2PLRMNetCDF RSWHOEPFDPCDF RSWHOEPFDPCDF RAngeSignificantWaveHeightCeanExcludingPolarNetCDF RSWHOEPFDPCDF RAngeSignificantWaveHeightCeanExcludingPolarNetCDF RSWHOEPFDPCDF RAngeSignificantWaveHeightCeanExcludingPolarNetCDF RSWHOEPFDPCDF RAngeSignificantWaveHeightCeanExcludingPolarNetCDF RSWHOEPFDPCDF RAngeSignificantWaveHeightCeanExcludingPolarNetCDF RAngeSignificantWaveHeightCeanExcl	RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean				
RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF RSWHOEPFDNCDF RSWHOEPFDNCDF RSWHOEPFDRMNC DF RSWHOEPFDRMNC DF RSWHOEPFDPLRMNC DF RSWHOEPFDPLRMNC DF RSWHOEPFDPLRMNC DF RSWHOEPFDPLRMNC DF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF DF RSWHOEPFDPLRMNC DF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF DF RSWHOEPFDPLRMNC DF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF DF RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF DF RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF DF RangeSignifica	RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF RSWHOEPFDPLRMNC DF RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF DF RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF DF RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF DF RangeSignificantWaveHeightOcean	RSSHAOFDPLRMNCD	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSWHOEPFDPLRMNC DF RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF RangeSignificantWaveHeightOceanE	RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
DF RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF Ran	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				
RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = o latitudes between -70 and 70 degrees		RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
		RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for				
	SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData					
SCSTODHRNCDF SequenceCounterStepTODHRNetCDF The sequence counter should be modulo 4 higher with regard to the previous sequence counter	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 of	SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter				

7.3 Missing QCC Reports