

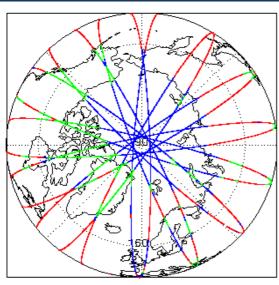
# 1. Overview

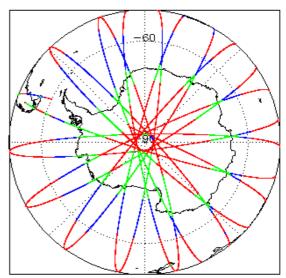
Report Production:	05-Jan-2022	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	

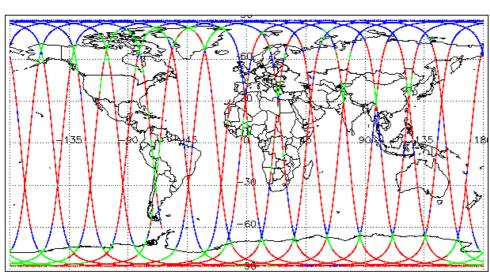
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
Measurement Confidence Data Check	See Section 4.5, 4.6	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, 7.2 and 7.3

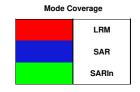
Mission / Instru	ment News
30-Nov-2021	None
01-Dec-2021	None
02-Dec-2021	Nothing planned

# 2. Global Coverage









# 3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

# 4. GOP Level 1B Data Quality Check

## 4.1 L1B Product Format Check

#### 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:

0

## 4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

0

#### 4.5 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag for each 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:

0

#### 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:

26

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20211201T030808_20211201T032606_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20211201T045227_20211201T052402_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20211201T063524_20211201T070233_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20211201T093334_20211201T093526_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20211201T141254_20211201T143051_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20211201T145217_20211201T150137_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20211201T203250_20211201T210502_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20211201T235522_20211202T001803_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211201T012442_20211201T012910_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211201T033957_20211201T034200_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211201T044304_20211201T044758_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211201T052548_20211201T052737_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211201T080510_20211201T080945_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211201T092341_20211201T092537_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211201T143235_20211201T143515_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211201T160935_20211201T161358_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T002214_20211201T002857_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T020246_20211201T020822_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T023518_20211201T023720_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T111321_20211201T111533_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T135114_20211201T135801_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T161358_20211201T162109_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T184937_20211201T185219_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T211510_20211201T211750_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T224724_20211201T225410_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211201T234651_20211201T235026_C001	Loss of Echo	The tracking echo is missing for one or more records

# 5. GOP Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

Number of products with errors:

0

## 5.2 L2 Product Header Analysis

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

Number of products with errors:

0

# 5.3 L2 Auxiliary Data File Usage Check

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

# 5.4 L2 Auxiliary Correction Error Check

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

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

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric 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:

54

		Description
CS_OFFL_SIR_GOPM_2_20211201T030808_20211201T032606_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20211201T002857_20211201T003143_C001	GPD Wet Tropospheric Correction, Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20211201T003347_20211201T003914_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_20211201T012442_20211201T012910_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_20211201T020822_20211201T021058_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_20211201T030344_20211201T030455_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_20211201T030612_20211201T030808_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_20211201T033957_20211201T034200_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_20211201T034542_20211201T034910_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_20211201T044304_20211201T044758_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_20211201T052548_20211201T052737_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_20211201T053553_20211201T053814_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_20211201T062306_20211201T062729_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_20211201T080510_20211201T080945_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_20211201T084523_20211201T084859_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_20211201T085435_20211201T085550_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_20211201T092341_20211201T092537_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_20211201T102444_20211201T102804_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_20211201T111533_20211201T111645_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_20211201T121220_20211201T121328_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_20211201T125448_20211201T125600_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_20211201T134924_20211201T135114_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_20211201T143235_20211201T143515_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_20211201T160935_20211201T161358_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_20211201T165830_20211201T170110_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_20211201T174833_20211201T175221_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_20211201T184819_20211201T184937_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_20211201T215732_20211201T215857_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records

	1	
CS_OFFL_SIR_GOPN_2_20211201T220416_20211201T220724_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_20211201T233716_20211201T233954_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_20211201T234317_20211201T234651_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_20211201T002214_20211201T002857_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPR_2_20211201T011912_20211201T012331_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_20211201T012331_20211201T012442_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_20211201T025709_20211201T030129_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_20211201T030129_20211201T030344_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_20211201T041425_20211201T041754_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_20211201T043650_20211201T044304_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_20211201T061828_20211201T062306_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_20211201T075558_20211201T080510_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_20211201T093622_20211201T094410_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_20211201T111645_20211201T112552_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_20211201T120804_20211201T120810_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPR_2_20211201T125600_20211201T130317_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_20211201T143515_20211201T144219_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_20211201T161358_20211201T162109_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_20211201T175221_20211201T180108_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_20211201T192914_20211201T193654_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_20211201T210848_20211201T211510_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_20211201T211510_20211201T211750_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_20211201T224724_20211201T225410_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_20211201T225410_20211201T225549_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

# 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

# 5.6 L2 Measurement Quality Flag Check

# L2 Quality Flags (20Hz)

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20211201T000438_20211201T002214_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	0 3	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

Co. Comp. Set GOPM 2 (2011/0110902)	CS_OFFL_SIR_GOPM_2_20211201T004121_20211201T005746_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.
set the OCOC Allemen Brage and Balacecter Castly Flags there been additionated to ask to an orient tensor. See CRFL SRR SORM 2 2021 2011011702 2021 1201101703 CBB 100100 2021 120110170492 2021 120110170492 2021 120110170492 2021 120110170594 2021 1201100594 2021 1201100595 2021 1201100595 2021 1201100595 2021 1201100595 2021 1201100595 2021 1201100595 2021 1201100595 2021 1201100595 2021 1201100595 2021 1201100595 2021 1201100595 2021 1201100595 2021 12011	CS_OFFL_SIR_GOPM_2_20211201T005802_20211201T010142_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Compared	CS_OFFL_SIR_GOPM_2_20211201T010248_20211201T011444_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Se CFIL SIR GOPM 2 2021100TT01949 2021100TT01949 (COST)  Security Company of the Cost of t	CS_OFFL_SIR_GOPM_2_20211201T011702_20211201T011730_C001		
SCI-OPTL. SPIL, GOPML 2. 2021 1001 T001411 _2021 1201 17021016_C0001  CRIS _ OPFL_SPIL, GOPML 2. 2021 1001 T001411 _2021 1201 17021016_C0001  CRIS _ OPFL_SPIL, GOPML 2. 2021 1001 T001411 _2021 1201 17021016_C0001  CRIS _ OPFL_SPIL, GOPML 2. 2021 1001 T001016_C0011201016_C0001  CRIS _ OPFL_SPIL, GOPML 2. 2021 1001 T001016_C0011201016_C0001  CRIS _ OPFL_SPIL, GOPML 2. 2021 1001 T001016_C0011201016_C0011  CRIS _ OPFL_SPIL, GOPML 2. 2021 1001 T001016_C0011201016	CS_OFFL_SIR_GOPM_2_20211201T012943_20211201T014756_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Designation	CS_OFFL_SIR_GOPM_2_20211201T014905_20211201T020246_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
25_0FFL_SIR_0OPM_2_202112011002008_20211201100312_C001	CS_OFFL_SIR_GOPM_2_20211201T021411_20211201T021759_C001		
and Rackscater Caulity, COGA Administer Range and Blackscater Caulity Plags have been self core or none records.  CS_OFFL_SIR_GOPM_2_202112011700655_202112011700612_C001  CS_OFFL_SIR_GOPM_2_202112011700668_202112011700612_C001  CS_OFFL_SIR_GOPM_2_202112011700668_202112011700606_C001  CS_OFFL_SIR_GOPM_2_202112011700608_202112011700606_C001  CS_OFFL_SIR_GOPM_2_202112011700608_202112011700606_C001  CS_OFFL_SIR_GOPM_2_202112011700608_202112011700606_C001  CS_OFFL_SIR_GOPM_2_202112011700609_C001  CS_OFFL_SIR_GOPM_2_2021120117006	CS_OFFL_SIR_GOPM_2_20211201T022008_20211201T023518_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscateller Coubly  CS_OFFL_SIR_GOPM _2_20211201T003006_20211201T003206_0001  CS_OFFL_SIR_GOPM _2_20211201T003400_20211201T003402_C001  CS_OFFL_SIR_GOPM _2_20211201T003402_C001  CS_OFFL_SIR_GOPM _2_20211201T003402_C001  CS_OFFL_SIR_GOPM _2_20211201T003402_C001  CS_OFFL_SIR_GOPM _2_20211201T003202_C001  CS_OFFL_SIR_GOPM _2_20211201T003202_C001201T003202_C001  CS_OFFL_SIR_GOPM _2_20211201T003202_C001201T003202_C001  CS_OFFL_SIR_GOPM _2_20211201T003202_C001201T003202_C001201T003202_C001201T003202_C001201T003202_C001201T003202_C001201T003202_C001201T003202_C001201	CS_OFFL_SIR_GOPM_2_20211201T023720_20211201T024644_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
or 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 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.  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.  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.  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 Quality. OCOG Backscatter Quality Flags have been set for one or more records.  Ocog Altimeter Range Quality. OCOG Backscatter Quality Flags have been set for one or more records.  Ocog Altimeter Range 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 or more records.  Ocog Altimeter Range and Backscatter Qu	CS_OFFL_SIR_GOPM_2_20211201T030455_20211201T030612_C001		
and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CS_OFIL_SIR_GOPM_2_20211201T034910_20211201T04425_0001  CS_OFIL_SIR_GOPM_2_20211201T0440001_20211201T041425_0001  CS_OFIL_SIR_GOPM_2_20211201T044015_20211201T041050_0001  CS_OFIL_SIR_GOPM_2_20211201T044915_20211201T045103_0001  CS_OFIL_SIR_GOPM_2_20211201T044915_20211201T045103_0001  CS_OFIL_SIR_GOPM_2_20211201T0450227_20211201T052402_0001  CS_OFIL_SIR_GOPM_2_20211201T052737_20211201T052402_0001  CS_OFIL_SIR_GOPM_2_20211201T052737_20211201T052402_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T053053_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503553_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503553_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503553_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503553_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503553_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503553_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503553_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503555_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503555_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503555_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503555_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503555_0001  CS_OFIL_SIR_GOPM_2_20211201T053008_20211201T0503555_0001  CS_OFIL_SIR_GOPM_2_20211201T050306_20211201T0503555_0001  CS_OFIL_SIR_GOPM_2_20211201T050306_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_20211201T074550_0001  CCS_OFIL_SIR_GOPM_2_20211201T071903_202112	CS_OFFL_SIR_GOPM_2_20211201T030808_20211201T032606_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
South FLSIR_GOPM_2_20211201T040001_20211201T04142S_C001  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range and Backscatter Quality Flags have been set for one or more records.  Coean Allimeter Range and Backscatter Quality Flags have been set for one or more recor	CS_OFFL_SIR_GOPM_2_20211201T034200_20211201T034327_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Allimeter Range and Backscatter Quality Flags have been Set for one or more records.  CS_OFFL_SIR_GOPM_2_20211201T044915_20211201T045103_C001  CS_OFFL_SIR_GOPM_2_20211201T04527_20211201T052402_C001  CS_OFFL_SIR_GOPM_2_20211201T052737_20211201T052402_C001  CS_OFFL_SIR_GOPM_2_20211201T052737_20211201T052494_C001  CS_OFFL_SIR_GOPM_2_20211201T052737_20211201T052949_C001  CS_OFFL_SIR_GOPM_2_20211201T052008_20211201T052949_C001  CS_OFFL_SIR_GOPM_2_20211201T053008_20211201T065958_C001  CS_OFFL_SIR_GOPM_2_20211201T053008_20211201T065958_C001  CS_OFFL_SIR_GOPM_2_20211201T053045_20211201T065958_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061330_20211201T061330_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061406_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061558_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061558_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T077450_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T077558_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T077558_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T077558_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T077558_C001  CS_OFFL_SIR_GOPM_2_20211201T0776045_20211201T077558_C001  CS_OFFL_SIR_GOPM_2_2021120	CS_OFFL_SIR_GOPM_2_20211201T034910_20211201T035702_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Set for one or more records.  CS_OFFL_SIR_GOPM_2_20211201T05277_20211201T052849_C001  CS_OFFL_SIR_GOPM_2_20211201T053068_20211201T053553_C001  CS_OFFL_SIR_GOPM_2_20211201T053068_20211201T053553_C001  CS_OFFL_SIR_GOPM_2_20211201T053068_20211201T063563_C001  CS_OFFL_SIR_GOPM_2_20211201T053045_20211201T060358_C001  CS_OFFL_SIR_GOPM_2_20211201T053045_20211201T060358_C001  CS_OFFL_SIR_GOPM_2_20211201T06330_20211201T061406_C001  CS_OFFL_SIR_GOPM_2_20211201T06330_20211201T061406_C001  CS_OFFL_SIR_GOPM_2_20211201T06330_20211201T06406_C001  CS_OFFL_SIR_GOPM_2_20211201T06330_20211201T074707_C001  CS_OFFL_SIR_GOPM_2_20211201T074656_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075444_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T076455_20211201T076558_C001  CS_O	CS_OFFL_SIR_GOPM_2_20211201T040001_20211201T041425_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, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPM_2_20211201T052737_20211201T052949_CO01  CS_OFFL_SIR_GOPM_2_20211201T053008_20211201T053553_CO01  CS_OFFL_SIR_GOPM_2_20211201T053008_20211201T053553_CO01  CS_OFFL_SIR_GOPM_2_20211201T053008_20211201T053553_CO01  CS_OFFL_SIR_GOPM_2_20211201T053945_20211201T060358_CO01  CS_OFFL_SIR_GOPM_2_20211201T0603945_20211201T060358_CO01  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061406_CO01  CS_OFFL_SIR_GOPM_2_20211201T0603524_20211201T070233_CO01  CS_OFFL_SIR_GOPM_2_20211201T0603524_20211201T070233_CO01  CS_OFFL_SIR_GOPM_2_20211201T07903_20211201T0704550_CO01  CS_OFFL_SIR_GOPM_2_20211201T07903_20211201T074550_CO01  CS_OFFL_SIR_GOPM_2_20211201T074656_20211201T074558_CO01  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_CO01  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_CO01  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_CO01  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_CO01  CS_OFFL_SIR_GOPM_2_20211201T0760945_20211201T076558_CO01  CS_OFFL_SIR_GOPM_2_20211201T0760945_202112	CS_OFFL_SIR_GOPM_2_20211201T044915_20211201T045103_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality  CS_OFFL_SIR_GOPM_2_20211201T053008_20211201T053553_C001  CS_OFFL_SIR_GOPM_2_20211201T053945_20211201T060358_C001  CS_OFFL_SIR_GOPM_2_20211201T063345_20211201T060358_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T060358_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061406_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061406_C001  CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T074550_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T074550_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T074550_C001  CS_OFFL_SIR_GOPM_2_20211201T074656_20211201T077558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763544_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763544_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763544_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076365_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T076558_C001  CS_OFFL_SIR_GOPM_2_20211201T0763645_20211201T076558_C001  CS_OFFL_SIR	CS_OFFL_SIR_GOPM_2_20211201T045227_20211201T052402_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality  CS_OFFL_SIR_GOPM_2_20211201T053945_20211201T060358_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061406_C001  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061406_C001  CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T074550_C001  CS_OFFL_SIR_GOPM_2_20211201T074554_20211201T074558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T074558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T074055_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T074055_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T074055_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T084045_C001  CS_OFFL_SIR_GOPM_2_20211201T080945_20211201T084045_C001  CS_OFFL_SIR_GOPM_2_20211201T08	CS_OFFL_SIR_GOPM_2_20211201T052737_20211201T052949_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Set for one or more records.  CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061406_C001  CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T07033_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T074550_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T074550_C001  CS_OFFL_SIR_GOPM_2_20211201T074656_20211201T074707_C001  CS_OFFL_SIR_GOPM_2_20211201T074656_20211201T074707_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T076845_20211201T084045_C001  CS_OFFL_SIR_GOPM_2_20211201T08945_20211201T084045_C001  CS_OFFL_SIR_GOPM_2_20211201T08945_20211201T084045_C001  CS_OFFL_SIR_GOPM_2_20211201T084945_20211201T084045_C001  CS_OFFL_SIR_GOPM_2_20211201T084945_20211201T084045_C001  CCOCQ Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPM_2_20211201T084945_C001  CCOCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPM_2_20211201T08945_20211201T084045_C001  CCOCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPM_2_20211201T08945_20211201T084045_C001  CCOCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPM_2_20211201T08945_20211201T084045_C001  CCOCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CCOCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CCOCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CCOCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20211201T053008_20211201T053553_C001		
Backscatter Quality  CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T074550_C001  CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T074550_C001  CS_OFFL_SIR_GOPM_2_20211201T074656_20211201T074707_C001  CS_OFFL_SIR_GOPM_2_20211201T074656_20211201T074707_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  CS_OFFL_SIR_GOPM_2_20211201T080945_20211201T084045_C001  CS_OFFL_SIR_GOPM_2_20211201T08	CS_OFFL_SIR_GOPM_2_20211201T053945_20211201T060358_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 Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Altimeter Range, SSHA, SWH Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimet	CS_OFFL_SIR_GOPM_2_20211201T061330_20211201T061406_C001		
CS_OFFL_SIR_GOPM_2_20211201T074656_20211201T074707_C001  and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  OCOG Altimeter Range Quality, OCOG 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.  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.  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.  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.  The OCOG 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.  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.	CS_OFFL_SIR_GOPM_2_20211201T063524_20211201T070233_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG 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 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 Quality, OCOG  Altimeter Range Quality, OCOG  Altimeter Range Quality, OCOG  The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_GOPM_2_20211201T071903_20211201T074550_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001  and Backscatter Quality, OCOG 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, 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.  OCOG Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20211201T074656_20211201T074707_C001		
CS_OFFL_SIR_GOPM_2_20211201T080945_20211201T084045_C001  and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_GOPM_2_20211201T075344_20211201T075558_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20211201T080945_20211201T084045_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20211201T084859_20211201T085435_C001		

CS_OFFL_SIR_GOPM_2_20211201T085819_20211201T090220_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_20211201T093334_20211201T093526_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_20211201T094823_20211201T102110_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_20211201T102804_20211201T103316_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_20211201T103849_20211201T105501_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_20211201T111257_20211201T111321_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_20211201T112552_20211201T114844_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_20211201T114935_20211201T115954_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_20211201T121717_20211201T124317_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_20211201T124333_20211201T125051_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_20211201T125234_20211201T125448_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_20211201T130434_20211201T130444_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_20211201T130548_20211201T131743_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_20211201T132409_20211201T133549_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_20211201T133607_20211201T133926_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_20211201T134145_20211201T134704_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_20211201T135801_20211201T141040_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_20211201T141254_20211201T143051_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_20211201T145217_20211201T150137_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_20211201T150423_20211201T151814_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_20211201T152111_20211201T152616_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_20211201T152622_20211201T152633_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_20211201T152639_20211201T152755_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_20211201T153446_20211201T153544_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_20211201T154608_20211201T154622_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_20211201T155756_20211201T160508_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_20211201T160631_20211201T160803_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_20211201T162332_20211201T162644_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_20211201T164116_20211201T165714_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_20211201T170110_20211201T170533_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_20211201T171239_20211201T173523_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_20211201T180343_20211201T180706_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_20211201T181205_20211201T183616_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_20211201T183927_20211201T184448_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_20211201T184454_20211201T184819_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_20211201T185219_20211201T191855_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_20211201T192021_20211201T192338_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_20211201T194716_20211201T201526_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_20211201T201916_20211201T202726_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_20211201T203250_20211201T210502_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_20211201T211750_20211201T211911_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_20211201T211918_20211201T212014_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_20211201T214846_20211201T215325_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_20211201T215857_20211201T220416_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_20211201T221107_20211201T223227_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_20211201T223513_20211201T224528_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_20211201T225622_20211201T230049_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_20211201T231637_20211201T232122_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_20211201T232309_20211201T233320_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_20211201T233954_20211201T234317_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_20211201T235026_20211201T235513_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_20211201T235522_20211202T001803_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_GOPN_2_20211201T030344_20211201T030455_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T084523_20211201T084859_C001	, , , , , , , , , , , , , , , , , , ,	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T102444_20211201T102804_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T155633_20211201T155756_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T180215_20211201T180343_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T230543_20211201T230547_C001	, , , , , , , , , , , , , , , , , , ,	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20211201T061828_20211201T062306_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20211201T114844_20211201T114935_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

# 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:

07

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20211201T000343_20211201T000438_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_20211201T002857_20211201T003143_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_20211201T003347_20211201T003914_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_20211201T012442_20211201T012910_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_20211201T024644_20211201T024945_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_20211201T030344_20211201T030455_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_20211201T032606_20211201T033208_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_20211201T033957_20211201T034200_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_20211201T034542_20211201T034910_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_20211201T035702_20211201T035849_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_20211201T042350_20211201T042751_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_20211201T044304_20211201T044758_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_20211201T044815_20211201T044850_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_20211201T045103_20211201T045227_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_20211201T052949_20211201T053008_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

COUNT_SIT_COMPDESTINATIONS_Upstitudiness cold cold process cold proc	CS_OFFL_SIR_GOPN_2_20211201T053553_20211201T053814_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.
COOR JAMES SEASON STATES (1997) 2,00110011100000 20011001100000 200110011100000 200110011	CS_OFFL_SIR_GOPN_2_20211201T060358_20211201T060744_C001	OCOG Altimeter Range Quality PLRM,	
CO. DEFL. SIR. GOPPL 2. 2021120111032257 2021120111032025 COORD   COORDINATION CONTROL   CO	CS_OFFL_SIR_GOPN_2_20211201T061754_20211201T061828_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS OFFL SIR GOPN 2 382112017070813 28211201707082 C031  CS OFFL SIR GOPN 2 38211201708081 28211201708082 C031  CS OFFL SIR GOPN 2 38211201708081 28211201708082 C031  CS OFFL SIR GOPN 2 38211201708082 28211201708082 C031  CS OFFL SIR GOPN 2 38211201708082 28211201708082 C031  CS OFFL SIR GOPN 2 38211201708082 28211201708082 C031  CS OFFL SIR GOPN 2 38211201709132 28211201708082 C031  CS OFFL SIR GOPN 2 3821120170982 28211201708082 C031  CS OFFL SIR GOPN 2 38211201708082 C0311708082 C0311  CS OFFL SIR GOPN 2 38211201708082 C0311708082 C0311  CS OFFL SIR GOPN 2 38211201708082 C0311708082 C0311708	CS_OFFL_SIR_GOPN_2_20211201T062306_20211201T062729_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
DOOD Blackets or Guilty  CS OFFL SRI GOPN 2 2021120170416 20211201700945 DO01  CS OFFL SRI GOPN 2 20211201704505 0.3221201700995 DO01  CS OFFL SRI GOPN 2 20211201704505 0.3221201700995 DO01  CS OFFL SRI GOPN 2 20211201704505 0.3221201700995 DO01  CS OFFL SRI GOPN 2 20211201704505 DO01  CS OFFL SRI GOPN 2 20211201705044 2021201700092 DO01  CS OFFL SRI GOPN 2 202112017105044 2021201700092 DO01  CS OFFL SRI GOPN 2 202112017105044 2021201700092 DO00  CS OFFL SRI GOPN 2 202112017105044 20211201700092 DO00  CS OFFL SRI GOPN 2 20211201710504 DO00  CS OFFL SRI GOPN 2 20211201710504 20211201700092 DO00  CS OFFL SRI GOPN 2 20211201710504 20211201700093 DO00  CS OFFL SRI GOPN 2 20211201710504 DO00  CS OFFL SRI GOPN 2 20211201710505 D	CS_OFFL_SIR_GOPN_2_20211201T063237_20211201T063524_C001		
0.00 Feb. Self, GOPN 2 200112011109450 20011201110959 2001 2001 2001 2001 2001 2001 2001 200	CS_OFFL_SIR_GOPN_2_20211201T070813_20211201T070948_C001		
CG_OFFL_SIR_GOPN_2_20211201T08490_20211201T08490_C001  CG_OFFL_SIR_GOPN_2_20211201T102444_20211201T102804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_20211201T104804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_20211201T104804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_20211201T104804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_20211201T104804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_20211201T104804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_20211201T104804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_20211201T104804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_20211201T104804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_C0011  CG_OFFL_SIR_GOPN_2_20211201T104804_C00111011T104804_C001  CG_OFFL_SIR_GOPN_2_20211201T104804_C00111011T104804_C0011  CG_OFFL_SIR_GOPN_2_20211201T104804_C00111011T104804_C0011  CG_OFFL_SIR_GOPN_2_20211201T104804_C00111011T104804_C0011  CG_OFFL_SIR_GOPN_2_20211201T104804_C00111011T104804_C0011  CG_OFFL_SIR_GOPN_2_20211201T104804_C00111011T104804_C0011  CG_OFFL_SIR_GOPN_2_20211201T104804_C00111011T104804_C0011  CG_OFFL_SIR_GOPN	CS_OFFL_SIR_GOPN_2_20211201T071416_20211201T071702_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCG Backscatter Casilly OCG Ba	CS_OFFL_SIR_GOPN_2_20211201T080510_20211201T080945_C001		
OCCS Backscater Guilly  CS_OFFL_SIR_GOPN_2_20211201T093654_20211201T093622_0001  Administer Parage SSHA_SWH and Backscatter Quality Plags have been set for one or more records.  CS_OFFL_SIR_GOPN_2_20211201T094642_20211201T109462_0001  CS_OFFL_SIR_GOPN_2_20211201T094644_20211201T109464_0001  CS_OFFL_SIR_GOPN_2_20211201T109464_20211201T109464_0001  CS_OFFL_SIR_GOPN_2_20211201T109464_20011201T10946_0001  CS_OFFL_SIR_GOPN_2_20211201T109464_0001  Administer Parage and Backscatter Quality Plags have been set for one or more records.  CS_OFFL_SIR_GOPN_2_20211201T109464_0001  CS_OFFL_SIR_GOPN_2_20211201T109464_0001  Administer Parage Admi	CS_OFFL_SIR_GOPN_2_20211201T084523_20211201T084859_C001		
CS_OFFL_SIR_GOPN_2_20211201T1098542_02011  CS_OFFL_SIR_GOPN_2_20211201T1098432_02011001T098822_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098432_02011001T098822_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098442_02011201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098442_02011201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098501_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098501_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098501_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098501_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098501_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098501_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098501_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098501_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098642_00211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098642_00211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098642_00211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098642_00211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098642_00211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098642_00211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098642_00211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098842_CDD1  CS_OFFL_SIR_GOPN_2_20211201T1098844_CDD1  CS_OFFL_SIR_GOPN_2_20211201T109885_CDD1  CS_OFFL_SIR_GOPN_2_20211201T109885_CDD1  CC_OFFL_SIR_GOPN_2_20211201T109885_CD01  CC_OFFL_SIR_GOPN_	CS_OFFL_SIR_GOPN_2_20211201T091136_20211201T091257_C001		
OCCG Backscatter Quality  OCCG Backscatter Quality  OCCG Backscatter Quality  The OCCG Range and Backscatter Quality Flags have been set for one or more records.  OCCG Backscatter Quality  The OCCG Range and Backscatter Quality Flags have been set for one or more records.  OCCG Backscatter Quality  The OCCG Range and Backscatter Quality Flags have been set for one or more records.  OCCG Backscatter Quality  OCCG Attender Range Quality PLRM. OCCG Backscatter Quality  The OCCG Range and Backscatter Quality Flags have been set for one or more records.  OCCG Attender Range Quality PLRM. OCCG Backscatter Quality  OCCG Attender Range Quality PLRM. OCCG Backscatter Quality  OCCG Attender Range Asset	CS_OFFL_SIR_GOPN_2_20211201T093554_20211201T093622_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Backscatter Quality PLRM, or more records.  CS_OFFL_SIR_GOPN_2_20211201T105501_20211201T105816_C001  CS_OFFL_SIR_GOPN_2_20211201T105501_20211201T121326_C001  CS_OFFL_SIR_GOPN_2_20211201T121220_20221201T121328_C001  CS_OFFL_SIR_GOPN_2_20211201T121221_20211201T125234_C001  CS_OFFL_SIR_GOPN_2_20211201T125121_20211201T125234_C001  CS_OFFL_SIR_GOPN_2_20211201T135114_C001  CS_OFFL_SIR_GOPN_2_20211201T135114_C001  CS_OFFL_SIR_GOPN_2_20211201T135114_C001  CS_OFFL_SIR_GOPN_2_20211201T135124_20211201T135114_C001  CS_OFFL_SIR_GOPN_2_20211201T135135_C001  CS_OFFL_SIR_GOPN_2_20211201T134325_20211201T143515_C001  CS_OFFL_SIR_GOPN_2_20211201T143235_20211201T145217_C001  CS_OFFL_SIR_GOPN_2_20211201T144834_20211201T145217_C001  CS_OFFL_SIR_GOPN_2_20211201T144834_20211201T145210_C001  CS_OFFL_SIR_GOPN_2_20211201T154148_20211201T155209_C001  CS_OFFL_SIR_GOPN_2_20211201T154148_20211201T155209_C001  CS_OFFL_SIR_GOPN_2_20211201T166588_20211201T160831_C001  CS_OFFL_SIR_GOPN_2_20211201T166588_20211201T160831_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T160831_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T17010_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T17010_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T17010_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T160831_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T160831_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T160831_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T160831_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T160831_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T16189_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T16189_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T16189_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T16189_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T16189_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T16189_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T16189_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T160881_C001  CS_OFFL_SIR_GOPN_2_20211201T166589_20211201T160881_C001  CS_OFFL_SIR_GOPN_2_	CS_OFFL_SIR_GOPN_2_20211201T094643_20211201T094823_C001		
OCOG Blackscatter Quality PLRM, OCOG Altimeter Range and Blackscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPN_2_20211201T125121_20211201T125234_C001  CS_OFFL_SIR_GOPN_2_20211201T125121_20211201T125234_C001  CS_OFFL_SIR_GOPN_2_20211201T135121_20211201T135134_C001  CS_OFFL_SIR_GOPN_2_20211201T135124_20211201T135134_C001  CS_OFFL_SIR_GOPN_2_20211201T143235_20211201T143315_C001  CS_OFFL_SIR_GOPN_2_20211201T144834_20211201T145217_C001  CS_OFFL_SIR_GOPN_2_20211201T144834_20211201T145217_C001  CS_OFFL_SIR_GOPN_2_20211201T154148_20211201T155209_C001  CS_OFFL_SIR_GOPN_2_20211201T154822_20211201T15608_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T10001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T170010  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T170010  CS_OFFL_SIR_GOPN_2_20211201T160508_2021	CS_OFFL_SIR_GOPN_2_20211201T102444_20211201T102804_C001		
OCOG Backscatter Quality PLRM. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, 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, 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 Backscatter Quality	CS_OFFL_SIR_GOPN_2_20211201T105501_20211201T105816_C001		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Back	CS_OFFL_SIR_GOPN_2_20211201T121220_20211201T121328_C001		
CS_OFFL_SIR_GOPN_2_20211201T134924_20211201T135114_CO01  Alimeter Range and Backscatter Quality PLRM, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPN_2_20211201T144834_20211201T145217_CO01  CS_OFFL_SIR_GOPN_2_20211201T154148_20211201T154608_CO01  CS_OFFL_SIR_GOPN_2_20211201T154148_20211201T155209_CO01  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_CO01  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_CO01  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T161358_CO01  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T170110_CO01  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T170110_CO01  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T170110_CO01  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T170110_CO01  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T170110_CO01  CS_OFFL_SIR_GOPN_2_20211201T17	CS_OFFL_SIR_GOPN_2_20211201T125121_20211201T125234_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20211201T143235_20211201T143515_C001  Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Plags have been set for one or more records.  CS_OFFL_SIR_GOPN_2_20211201T144834_20211201T154608_C001  CS_OFFL_SIR_GOPN_2_20211201T154148_20211201T15408_C001  CS_OFFL_SIR_GOPN_2_20211201T154622_20211201T155209_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T17010_C001  CS_OFFL_SIR_GOPN_2_20211201T160830_20211201T17010_C001  CS_OFFL_SIR_GOPN_2_20211201T160830_20211201T17010_C001  CS_OFFL_SIR_GOPN_2_20211201T176830_20211201T17010_C001  CS_OFFL_SIR_GOPN_2_20211201T176830_20211201T1701	CS_OFFL_SIR_GOPN_2_20211201T134924_20211201T135114_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20211201T154148_20211201T154608_C001  CS_OFFL_SIR_GOPN_2_20211201T154148_20211201T154608_C001  CS_OFFL_SIR_GOPN_2_20211201T154622_20211201T155209_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T165830_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T165830_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T165830_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T165830_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T174833_20211201T175221_C001  CCG Altimeter Range Quality PLRM, OCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM and Backscatter Quality PLRM, OCG Altimeter Range and Backscatter Quality PLRM an	CS_OFFL_SIR_GOPN_2_20211201T143235_20211201T143515_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20211201T154622_20211201T155209_C001  CS_OFFL_SIR_GOPN_2_20211201T154622_20211201T155209_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T170433_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T170433_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T170433_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T170433_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T170433_20211201T170043_C001  CCOG Altimeter Range Quality PLRM, CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPN_2_20211201T170433_20211201T170043_C001  CCOG Altimeter Range Quality PLRM, CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20211201T144834_20211201T145217_C001		
CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160508_20211201T160631_C001  CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T165830_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T165830_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T174833_20211201T175221_C001  CS_OFFL_SIR_GOPN_2_20211201T174833_20211201T175221_C001  OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPN_2_20211201T174833_20211201T175221_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.  The Ocoan Altimeter Range and Backscatter Quality Flags have been set for one or more records.  CS_OFFL_SIR_GOPN_2_20211201T174833_20211201T175221_C001  OCOG Altimeter Range Quality PLRM, 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_GOPN_2_20211201T154148_20211201T154608_C001		
CS_OFFL_SIR_GOPN_2_20211201T160305_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T160335_20211201T161358_C001  CS_OFFL_SIR_GOPN_2_20211201T165830_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T165830_20211201T170110_C001  CS_OFFL_SIR_GOPN_2_20211201T174833_20211201T175221_C001  OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20211201T154622_20211201T155209_C001		
and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality 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.  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_GOPN_2_20211201T160508_20211201T160631_C001		
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM.  CS_OFFL_SIR_GOPN_2_20211201T174833_20211201T175221_C001  OCGA Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20211201T160935_20211201T161358_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Backscatter Quality or more records.  OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one	CS_OFFL_SIR_GOPN_2_20211201T165830_20211201T170110_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPN_2_20211201T174833_20211201T175221_C001		
	CS_OFFL_SIR_GOPN_2_20211201T180215_20211201T180343_C001		, ,

	The DOOD Bearing and Beatles attended to the Flore bearing and for any
CS_OFFL_SIR_GOPN_2_20211201T184819_20211201T184937_C001 OCOG Altimeter Range Quality	ality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T192338_20211201T192914_C001 OCOG Altimeter Range Quantum OCOG Backscatter Quality	ality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T201753_20211201T201916_C001  Ocean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter PLRM	RM, OCOG
CS_OFFL_SIR_GOPN_2_20211201T202726_20211201T202841_C001 OCOG Altimeter Range Quantum OCOG Backscatter Quality	ality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T210502_20211201T210638_C001 OCOG Altimeter Range Quantum OCOG Backscatter Quality	ality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T220416_20211201T220724_C001 OCOG Altimeter Range Qual OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20211201T231306_20211201T231637_C001 OCOG Altimeter Range Quantum OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20211201T002214_20211201T002857_C001  Ocean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter PLRM	RM, OCOG and the Ocean Altimeter Range, SSFA, SWH 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_20211201T011912_20211201T012331_C001  CS_OFFL_SIR_GOPR_2_20211201T011912_20211201T012331_C001  CS_OFFL_SIR_GOPR_2_20211201T011912_20211201T012331_C001  Altimeter Range and Backsr PLRM	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T020246_20211201T020822_C001  Ocean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter PLRM	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T025709_20211201T030129_C001  CS_OFFL_SIR_GOPR_2_20211201T025709_20211201T030129_C001  Altimeter Range, SS and Backscatter Quality PLI Milmeter Range and Backscatter Quality PLI MILMETER RANGE AND ADDRESS AN	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T030129_20211201T030344_C001  CS_OFFL_SIR_GOPR_2_20211201T030129_20211201T030344_C001  Altimeter Range and Backsr PLRM	RM, OCOG and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20211201T035849_20211201T040001_C001  Ocean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter PLRM	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T041425_20211201T041754_C001 OCOG Altimeter Range Quality	ality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20211201T041754_20211201T042241_C001 OCOG Altimeter Range Quantum OCOG Backscatter Quality	ality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20211201T043650_20211201T044304_C001  Ocean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter PLI Altimeter Range	RM, OCOG and timeter Range, SSFA, SWH 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_20211201T052402_20211201T052548_C001  CS_OFFL_SIR_GOPR_2_20211201T052402_20211201T052548_C001  Coean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter PLRM	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T053814_20211201T053945_C001  CS_OFFL_SIR_GOPR_2_20211201T053814_20211201T053945_C001  Altimeter Range and Backsoft PLRM	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T061419_20211201T061640_C001  CS_OFFL_SIR_GOPR_2_20211201T061419_20211201T061640_C001  CS_OFFL_SIR_GOPR_2_20211201T061419_20211201T061640_C001  Altimeter Range and BacksompLRM	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T061656_20211201T061754_C001  CS_OFFL_SIR_GOPR_2_20211201T061656_20211201T061754_C001  CS_OFFL_SIR_GOPR_2_20211201T061656_20211201T061754_C001  Altimeter Range and Backson PLRM	RM, OCOG and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20211201T061828_20211201T062306_C001  CS_OFFL_SIR_GOPR_2_20211201T061828_20211201T062306_C001  CS_OFFL_SIR_GOPR_2_20211201T061828_20211201T062306_C001  Altimeter Range and BacksompLRM	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T070233_20211201T070521_C001  Ocean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter PLRM	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T071702_20211201T071903_C001  Ocean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter Quality PLI Altimeter Range and Backscatter PLRM	RM, OCOG Ine Ocean Altimeter Hange, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_GOPR_2_20211201T075238_20211201T075344_C001 OCOG Altimeter Range Quantum OCOG Backscatter Quality	ality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20211201T075558_20211201T080510_C001  Ocean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter PLRM	RM, OCOG
CS_OFFL_SIR_GOPR_2_20211201T084045_20211201T084523_C001  Ocean Altimeter Range, SS and Backscatter Quality PLI Altimeter Range and Backscatter PLRM	RM, OCOG

CS_OFFL_SIR_GOPR_2_20211201T085550_20211201T085819_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
	Altimeter Range and Backscatter Quality PLRM	set for one or more records.
CS_OFFL_SIR_GOPR_2_20211201T092910_20211201T093234_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_20211201T093622_20211201T094410_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_20211201T102110_20211201T102444_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_20211201T103441_20211201T103849_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_20211201T110525_20211201T110826_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_20211201T110826_20211201T111257_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_20211201T111321_20211201T111533_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_20211201T111645_20211201T112552_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_20211201T121328_20211201T121717_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_20211201T125600_20211201T130317_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_20211201T135114_20211201T135801_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_20211201T141040_20211201T141201_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_20211201T143515_20211201T144219_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_20211201T153544_20211201T153611_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_20211201T171042_20211201T171239_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_20211201T175221_20211201T180108_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_20211201T184937_20211201T185219_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_20211201T192914_20211201T193654_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_20211201T193712_20211201T193824_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_20211201T194001_20211201T194115_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_20211201T201526_20211201T201753_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_20211201T202841_20211201T203250_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_20211201T210848_20211201T211510_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_20211201T215325_20211201T215732_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_20211201T220724_20211201T221107_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_20211201T224528_20211201T224657_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_20211201T224724_20211201T225410_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_20211201T233320_20211201T233716_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_20211201T234651_20211201T235026_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: 201

## 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:

64

#### 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:

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

#### 6.1 P2P Product Format Check

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

Number of products with errors:

#### 6.2 P2P Product Header Analysis

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

Number of products with errors:

#### 0

## 6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

# 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_20211130T234345_20211201T003321_C001	GPD Wet Tropospheric Correction, Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Troposheric Correction, the MSS height (solution 1) and the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20211201T003321_20211201T012300_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_20211201T012300_20211201T021235_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_20211201T021235_20211201T030215_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_20211201T030215_20211201T035150_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20211201T035150_20211201T044130_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_20211201T044130_20211201T053105_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_20211201T053105_20211201T062044_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_20211201T062044_20211201T071020_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_20211201T071020_20211201T075959_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_20211201T075959_20211201T084934_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_20211201T084934_20211201T093914_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_20211201T093914_20211201T102849_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_20211201T102849_20211201T111828_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_20211201T111828_20211201T120804_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_20211201T120804_20211201T125743_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_20211201T125743_20211201T134718_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_20211201T134718_20211201T143658_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_20211201T143658_20211201T152633_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_20211201T152633_20211201T161612_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_20211201T161612_20211201T170548_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_20211201T170548_20211201T175527_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_20211201T175527_20211201T184502_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_20211201T184502_20211201T193442_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_20211201T193442_20211201T202417_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_20211201T202417_20211201T211357_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_20211201T211357_20211201T220332_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_20211201T220332_20211201T225311_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_20211201T225311_20211201T234247_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_20211201T234247_20211202T003226_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

# 6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

# 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:

# 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:

# 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.

### P2P Retracking Flags PLRM

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

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

Number of products with errors:

30

# 7. GOP QCC Report Analysis

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

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_GOPM1B	189	189	4	185	0
SIR_GOPR1B	116	116	0	116	0
SIR_GOPN1B	106	106	3	103	0
SIR_GOPM_2	189	189	132	57	0
SIR_GOPR_2	116	116	32	83	1
SIR_GOPN_2	106	106	35	71	0
SIR GOP P2P	29	29	0	28	1

# 7.1 QCC Errors

Number of QCC reports with errors:

2

Total number of occurrences of each error

Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_GOPR_2	1	1	1	1							
							•				
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-

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

# 7.2 QCC Warnings

Number of QCC reports with warnings

2282

Total number of occurrences of each warning

Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD
SIR_GOPM1B	185	0	0	0	0	0	0
SIR_GOPM_2	0	0	41	42	1	51	0
SIR_GOPN1B	101	0	0	0	0	0	0
SIR_GOPN_2	0	0	11	38	2	29	32
SIR_GOPR1B	114	0	0	0	0	0	0
SIR_GOPR_2	0	1	32	46	1	31	26

	Product Type	RBSZOPOEPNCDF	RDACONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCI	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF
Ī	SIR_GOPM1B	0	0	0	0	0	0	0
	SIR_GOPM_2	44	0	36	0	0	0	0
	SIR_GOPN1B	0	0	0	0	0	0	0
	SIR_GOPN_2	21	1	0	0	26	0	40
	SIR_GOPR1B	0	0	0	0	0	0	0
	SIR_GOPR_2	10	0	0	53	0	59	0

	Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
Ī	SIR_GOPM1B	0	0	0	0	0	0	0
	SIR_GOPM_2	29	0	0	6	24	0	4
	SIR_GOPN1B	0	0	0	0	0	0	0
	SIR_GOPN_2	0	0	30	17	47	58	42
	SIR_GOPR1B	0	0	0	0	0	0	0
	SIR GOPR 2	0	48	0	4	65	30	7

Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	38	0	2	0	0	0	0
SIR_GOPN1B	0	0	0	0	0	53	1
SIR_GOPN_2	33	30	11	1	0	0	0
SIR_GOPR1B	0	0	0	0	0	116	6
SIR GOPR 2	37	47	3	0	8	0	0

Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCI	RBSZOPOEPNCDF
SIR GOP 2	19	28	29	1	29	17	29

Product Type	RDACONCDF	RPEPOPFDPLRMSINNCD	RPEPOPFDSINNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF
SIR_GOP_2_	1	18		25	19	29	20

Product Type	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHLPQWNCDF	-	-
SIR_GOP_2_	27	29	20		29		

Test Description Key:	est Description Key:						
Abbreviation	Test name	Details					
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter					
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)					
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees					
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees					
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only					
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					

RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RDACONCDF	RangeDynamicAtmosphericCorrectionOceanNetCDF	#N/A
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSIN	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAOFDPLRMNCD F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPFDPLRMN CDF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Start_v2_NetCDF	Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1)
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter

# 7.3 Missing QCC Reports

Number of products with missing QCC reports:

L1B and L2 GOP Product name

P2P GOP Product name
CS\_OFFL\_SIR\_GOP\_2\_20211201T234247\_20211202T003226\_C002