

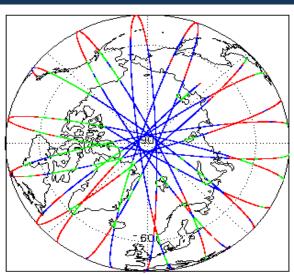
1. Overview

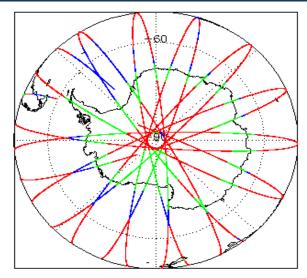
Report Production:	13-Feb-2020
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

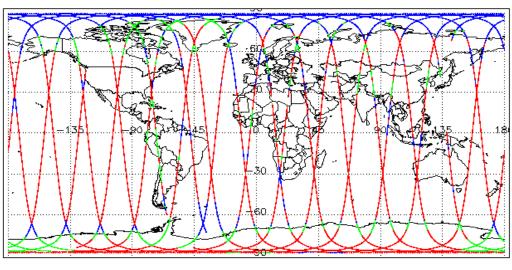
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary 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

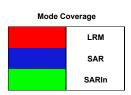
Mission / Instrument News		
13-Jan-2020	None	
14-Jan-2020	None	
15-Jan-2020 SIRAL unavailability on 15-Jan-2020 from 11:29:30 to 18:13:02 due to a planned orbit manoeuvre & on-board maintenance.		

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

4.2 L1B Product Header Analysis

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

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

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

0

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

5

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20200114T002056_20200114T003325_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20200114T141812_20200114T142300_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20200114T163418_20200114T170128_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200114T004041_20200114T004313_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200114T021729_20200114T022155_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200114T073512_20200114T073713_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200114T090342_20200114T090410_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200114T100307_20200114T100316_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200114T140027_20200114T140237_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200114T141649_20200114T141812_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200114T211948_20200114T212029_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200114T220911_20200114T221315_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200114T031844_20200114T031949_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200114T111851_20200114T112551_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200114T222207_20200114T222453_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:

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.

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Currently, there are some common auxiliary correction errors raised in the Level 2 products 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.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20200114T005027_20200114T005129_C001	I(3PI) Wet Tronospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPM_2_20200114T005138_20200114T005346_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records

	1	
CS_OFFL_SIR_GOPM_2_20200114T005350_20200114T005635_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPM_2_20200114T010015_20200114T010948_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPM_2_20200114T011223_20200114T012657_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPM_2_20200114T012913_20200114T013418_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPM_2_20200114T013424_20200114T013435_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPM_2_20200114T124943_20200114T130123_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_20200114T004041_20200114T004313_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_20200114T005636_20200114T010015_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPN_2_20200114T012726_20200114T012913_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPN_2_20200114T021729_20200114T022155_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20200114T030629_20200114T030914_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_20200114T035629_20200114T040017_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_20200114T045619_20200114T045737_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_20200114T053139_20200114T053709_C001	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 Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20200114T081214_20200114T081521_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_20200114T094512_20200114T094757_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_20200114T095114_20200114T095449_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_20200114T112551_20200114T112826_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_20200114T122056_20200114T122217_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_20200114T130123_20200114T130710_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_20200114T135526_20200114T135620_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_20200114T140027_20200114T140237_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_20200114T140347_20200114T140617_C001	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 Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20200114T144315_20200114T144455_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_20200114T145339_20200114T145547_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_20200114T153939_20200114T154426_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_20200114T180224_20200114T180618_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), 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_20200114T194211_20200114T194525_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_20200114T202644_20200114T202803_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_20200114T212033_20200114T212404_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_20200114T212940_20200114T213105_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_20200114T220911_20200114T221315_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_20200114T230725_20200114T230910_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_20200114T235117_20200114T235211_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_GOPR_2_20200114T004313_20200114T005008_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_GOPR_2_20200114T005015_20200114T005027_C001	GPD Wet Tropospheric Correction	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_20200114T010948_20200114T011018_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_20200114T011021_20200114T011223_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_20200114T012658_20200114T012726_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_20200114T013418_20200114T013424_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_20200114T022155_20200114T022916_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_20200114T040017_20200114T040858_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_20200114T053709_20200114T054448_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_20200114T071641_20200114T072305_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_20200114T072305_20200114T072559_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_20200114T085448_20200114T090204_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_20200114T090204_20200114T090342_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_20200114T103614_20200114T104101_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_20200114T104101_20200114T104223_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_20200114T121411_20200114T121942_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_20200114T121942_20200114T122056_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_20200114T135620_20200114T135710_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_20200114T135711_20200114T140027_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_20200114T153238_20200114T153939_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_20200114T171438_20200114T172007_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_20200114T184256_20200114T184439_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_20200114T185347_20200114T190139_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_20200114T203033_20200114T204440_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_20200114T221315_20200114T222100_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_20200114T235211_20200114T235752_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

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.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20200114T000600_20200114T001843_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200114T002056_20200114T003325_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.

	Occan Altimator Banga SSUA SWILL	The Ocean Altimeter Dange, SCHA SWH and Deckerotter Quality Flore
CS_OFFL_SIR_GOPM_2_20200114T003519_20200114T003725_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_20200114T010015_20200114T010948_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_20200114T011223_20200114T012657_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_20200114T012913_20200114T013418_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_20200114T013441_20200114T013557_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_20200114T014249_20200114T014346_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_20200114T015258_20200114T015427_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_20200114T020010_20200114T020433_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_20200114T020556_20200114T021304_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_20200114T024551_20200114T024656_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_20200114T024907_20200114T030613_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_20200114T030914_20200114T031333_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_20200114T031355_20200114T031536_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_20200114T031949_20200114T034523_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_20200114T034526_20200114T035427_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_20200114T042007_20200114T044546_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_20200114T044725_20200114T045248_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_20200114T045254_20200114T045619_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_20200114T045914_20200114T052652_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_20200114T052818_20200114T053139_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_20200114T055512_20200114T055706_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_20200114T055710_20200114T062524_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_20200114T062716_20200114T063525_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_20200114T063911_20200114T071255_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_20200114T072559_20200114T072704_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_20200114T072714_20200114T072759_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_20200114T075635_20200114T080453_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_20200114T080654_20200114T081214_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_20200114T081753_20200114T084023_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_20200114T084309_20200114T085240_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_20200114T090439_20200114T090515_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_20200114T090545_20200114T090842_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_20200114T091558_20200114T092058_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_20200114T092431_20200114T092915_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_20200114T093103_20200114T094242_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_20200114T095738_20200114T100306_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_20200114T100316_20200114T102523_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_20200114T102607_20200114T102858_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_20200114T104628_20200114T104645_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_20200114T104730_20200114T105431_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_20200114T105454_20200114T111851_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_20200114T112826_20200114T113020_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_20200114T113301_20200114T113459_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_20200114T113650_20200114T114245_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_20200114T114339_20200114T115135_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_20200114T115343_20200114T115441_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_20200114T122217_20200114T122630_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_20200114T122743_20200114T124128_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_20200114T124943_20200114T130123_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_20200114T131004_20200114T131427_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_20200114T131613_20200114T132318_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_20200114T132327_20200114T133109_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_20200114T133249_20200114T134741_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_20200114T134752_20200114T134806_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_20200114T141357_20200114T141649_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_20200114T141812_20200114T142259_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_20200114T142528_20200114T144212_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_20200114T144455_20200114T145339_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_20200114T145553_20200114T151820_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_20200114T154649_20200114T162106_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_20200114T162703_20200114T163132_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_20200114T163418_20200114T170128_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_20200114T173248_20200114T175944_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_20200114T180618_20200114T181209_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_20200114T181346_20200114T183440_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_20200114T183505_20200114T184029_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_20200114T185111_20200114T185201_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_20200114T190435_20200114T193932_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_20200114T194525_20200114T195041_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_20200114T195238_20200114T195522_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_20200114T195722_20200114T200004_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_20200114T202803_20200114T203033_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_20200114T204440_20200114T205325_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_20200114T205612_20200114T211815_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_20200114T212404_20200114T212526_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_20200114T212533_20200114T212940_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_20200114T213147_20200114T214447_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_20200114T214634_20200114T215351_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_20200114T215433_20200114T215907_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_20200114T222453_20200114T225726_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_20200114T225903_20200114T230424_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_20200114T231525_20200114T232755_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_20200114T232759_20200114T234534_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_20200114T234701_20200114T235117_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_20200114T235950_20200114T235957_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_20200114T021729_20200114T022155_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_20200114T095114_20200114T095449_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_20200114T104346_20200114T104432_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_20200114T153031_20200114T153100_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20200114T024248_20200114T024551_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20200114T045910_20200114T045914_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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CS_OFFL_SIR_GOPN_2_20200114T004041_20200114T004313_C001 CS_OFFL_SIR_GOPN_2_20200114T004041_20200114T012013_C001 CS_OFFL_SIR_GOPN_2_20200114T012728_20200114T012013_C001 CS_OFFL_SIR_GOPN_2_20200114T012728_20200114T012013_C001 CS_OFFL_SIR_GOPN_2_20200114T012728_20200114T012013_C001 CS_OFFL_SIR_GOPN_2_20200114T012728_20200114T012013_C001 CS_OFFL_SIR_GOPN_2_20200114T012728_20200114T020010_C001 CS_OFFL_SIR_GOPN_2_20200114T012728_20200114T020010_C001 CS_OFFL_SIR_GOPN_2_20200114T012728_20200114T020010_C001 CS_OFFL_SIR_GOPN_2_20200114T020433_20200114T020556_C001 CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021429_C001 CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021429_C001 CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021429_C001 CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021555_C001 CS_OFFL_SIR_GOPN_2_20200114T021330_20200114T021555_C001 CS_OFFL_SIR_GOPN_2_20200114T021330_20200114T021555_C001 CS_OFFL_SIR_GOPN_2_20200114T021330_20200114T021555_C001 CS_OFFL_SIR_GOPN_2_20200114T021330_20200114T021507_C001 CS_OFFL_SIR_GOPN_2_20200114T021330_20200114T021507_C001 CS_OFFL_SIR_GOPN_2_20200114T021330_20200114T021507_C001 CS_OFFL_SIR_GOPN_2_20200114T021330_20200114T021507_C001 CS_OFFL_SIR_GOPN_2_20200114T021330_20200114T021507_C001 CS_OFFL_SIR_GOPN_2_20200114T021330_20200114T021507_C001 CCS_OFFL_SIR_GOPN_2_20200114T031530_20200114T031544_C001 CCS_OFFL_SIR_GOPN_2_20200114T031530_20200114T031544_C001 CCS_OFFL_SIR_GOPN_2_20200114T031530_20200114T031544_C001 CCS_OFFL_SIR_GOPN_2_20200114T045619_20200114T045737_C001 CCGG Altmeter Range Quality PLRM, C000 Backscatter Quality PLRM, C000 Backscatter Quality The COCG Range and Backscatter Quality Flags have been set for one or more records. The COCG Range and Backscatter Quality Flags have been set for one or more records. The COCG Range and Backscatter Quality Flags have been set for one or more records. CCS_OFFL_SIR_GOPN_2_20200114T04619207_C001 CCGG Altmeter Range Quality PLRM, C000 Backscatter Quality PLRM, C000 Backscatter Quality PLRM, C000 Backscatter	Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20200114T0105528_20200114T02155_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T02010_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T02010_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T02010_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T02010_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T02010_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T02010_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T02010_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T02010_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T02155_C001 CS_OFFL_SIR_GOPN_2_20200114T021728_20200114T022007_C001 CCGRANImeter Range Quality PLRM. CCGRANImeter Range ABackscatter Quality PLRM. CCGRANImeter Range Quality PLRM. CCGRANImeter Range Quality PLRM. CCGG Backscatter Quality PL	CS_OFFL_SIR_GOPN_2_20200114T004041_20200114T004313_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_20200114T012726_20200114T02913_C001 Allmeter Range and Backscatter Quality PLRM. CS_OFFL_SIR_GOPN_2_20200114T015428_20200114T020010_C001 CS_OFFL_SIR_GOPN_2_20200114T015428_20200114T020056_C001 CS_OFFL_SIR_GOPN_2_20200114T020433_20200114T020556_C001 CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021429_C001 CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021429_C001 CS_OFFL_SIR_GOPN_2_20200114T021729_20200114T021429_C001 CS_OFFL_SIR_GOPN_2_20200114T021739_20200114T02155_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T02155_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T031844_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T035629_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T035629_20200114T040007_C001 CS_OFFL_SIR_GOPN_2_20200114T035629_20200114T040007_C001 CS_OFFL_SIR_GOPN_2_20200114T035629_20200114T040007_C001 CS_OFFL_SIR_GOPN_2_20200114T04668_20200114T040007_C001 CS_OFFL_SIR_GOPN_2_20200114T04668_20200114T045737_C001 CCC_OFFL_SIR_GOPN_2_20200114T04668_20200114T045737_C001 CCC_OFFL_SIR_GOPN_2_20200114T054621_20200114T054709_C001 CCC_OFFL_SIR_GOPN_2_20200114T054621_20200114T054709	CS_OFFL_SIR_GOPN_2_20200114T005636_20200114T010015_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_20200114T020433_20200114T020556_C001 CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021429_C001 CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021429_C001 CS_OFFL_SIR_GOPN_2_20200114T021729_20200114T02155_C001 CS_OFFL_SIR_GOPN_2_20200114T021729_20200114T02155_C001 CS_OFFL_SIR_GOPN_2_20200114T02155_20200114T031844_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T031844_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T045737_C001 CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T053709_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C00	CS_OFFL_SIR_GOPN_2_20200114T012726_20200114T012913_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCGG Backscatter Quality PLRM, OCGG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCGG Altimeter Range and Backscatter Quality PLRM, OCGG Backscat	CS_OFFL_SIR_GOPN_2_20200114T015428_20200114T020010_C001		
CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021429_C001 and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200114T021729_20200114T022155_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T031844_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T035629_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T045737_C001 CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T045737_C001 CS_OFFL_SIR_GOPN_2_20200114T053139_20200114T053709_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CCGG Altimeter Range Quality PLRM. CCGG Rang	CS_OFFL_SIR_GOPN_2_20200114T020433_20200114T020556_C001		
CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T031844_C001 CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T035629_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T042007_C001 CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T045737_C001 CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T053709_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T053709_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_	CS_OFFL_SIR_GOPN_2_20200114T021307_20200114T021429_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 CS_OFFL_SIR_GOPN_2_20200114T031639_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T045629_20200114T040017_C001 CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T042007_C001 CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T045737_C001 CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T045737_C001 CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T045737_C001 CS_OFFL_SIR_GOPN_2_20200114T053139_20200114T053709_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054611_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054611_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054611_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054611_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_202001	CS_OFFL_SIR_GOPN_2_20200114T021729_20200114T022155_C001		
CS_OFFL_SIR_GOPN_2_20200114T035629_20200114T040017_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T042007_C001 CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T045737_C001 CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T05737_C001 CS_OFFL_SIR_GOPN_2_20200114T053139_20200114T053709_C001 CS_OFFL_SIR_GOPN_2_20200114T053139_20200114T053709_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 CS_OFFL_SIR_GOPN_2_20200114T071507_20200114T071641_C001 CS_OFFL_SIR_GOPN_2_20200114T071507_20200114T071641_C001 CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20200114T031536_20200114T031844_C001		
CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T045737_C001 OCOG Backscatter Quality CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T045737_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. 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. OCOG Altimeter Range Quality PLRM, OCOG 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. CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20200114T035629_20200114T040017_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_20200114T053139_20200114T053709_C001 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200114T071507_20200114T071641_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20200114T041608_20200114T042007_C001		
CS_OFFL_SIR_GOPN_2_20200114T053739_20200114T053709_C001 OCOG Backscatter Quality OCOG 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_20200114T071507_20200114T071641_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. 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.	CS_OFFL_SIR_GOPN_2_20200114T045619_20200114T045737_C001		
CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200114T071507_20200114T071641_C001 CS_OFFL_SIR_GOPN_2_20200114T071507_20200114T071641_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20200114T053139_20200114T053709_C001		
OCOG Backscatter Quality	CS_OFFL_SIR_GOPN_2_20200114T054621_20200114T054714_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_20200114T071507_20200114T071641_C001		
	CS_OFFL_SIR_GOPN_2_20200114T072838_20200114T073001_C001		

CS_OFFL_SIR_GOPN_2_20200114T075056_20200114T075202_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_20200114T080529_20200114T080654_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_20200114T081214_20200114T081521_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_20200114T092058_20200114T092431_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_20200114T095114_20200114T095449_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_20200114T112551_20200114T112826_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_20200114T113020_20200114T113301_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_20200114T113459_20200114T113644_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_20200114T122056_20200114T122217_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_20200114T122630_20200114T122743_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_20200114T124837_20200114T124943_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_20200114T130123_20200114T130710_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_20200114T140347_20200114T140617_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_20200114T142300_20200114T142528_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_20200114T152419_20200114T152548_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_20200114T153939_20200114T154426_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_20200114T170410_20200114T170516_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_20200114T181209_20200114T181336_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_20200114T185255_20200114T185315_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_20200114T185321_20200114T185347_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_20200114T190139_20200114T190238_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_20200114T194211_20200114T194525_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_20200114T202644_20200114T202803_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_20200114T212033_20200114T212404_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_20200114T225733_20200114T225903_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_20200114T001843_20200114T002053_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_20200114T003725_20200114T004041_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_20200114T010948_20200114T011018_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been smore records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Backscatter Quality PL	et for one or
and Backscatter Quality PLRM_OCOGThe Ocean Allimeter Range, SSHA, SWH and Backscatter Qu	
CS_OFFL_SIR_GOPR_2_20200114T021429_20200114T021644_C001 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 Theorem 2019 and Theor	
CS_OFFL_SIR_GOPR_2_20200114T022155_20200114T022916_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality Flags Set for one or more records.	
CS_OFFL_SIR_GOPR_2_20200114T040017_20200114T040858_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality FLRM and Backscatter Quality FLRM and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backsca	
CS_OFFL_SIR_GOPR_2_20200114T045737_20200114T045853_C001 CS_OFFL_SIR_GOPR_2_20200114T045737_20200114T045853_C001 CS_OFFL_SIR_GOPR_2_20200114T045737_20200114T045853_C001 CS_OFFL_SIR_GOPR_2_20200114T045737_20200114T045853_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM. The Ocean Altimeter Range and Backscatter Quality Flags and Backscatter Quality PLRM.	, ,
CS_OFFL_SIR_GOPR_2_20200114T045910_20200114T045914_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality Flags between the OCOG Altimeter Range and Backscatter Quality Flags between the OCOG A	
CS_OFFL_SIR_GOPR_2_20200114T053709_20200114T054448_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality Flags between the ocog Altimeter Range and Backscatter Quality Flags between the ocog A	
CS_OFFL_SIR_GOPR_2_20200114T054756_20200114T054918_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been smore records.	et for one or
CS_OFFL_SIR_GOPR_2_20200114T055420_20200114T055512_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been smore records.	et for one or
CS_OFFL_SIR_GOPR_2_20200114T063639_20200114T063911_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags set for one or more records.	
CS_OFFL_SIR_GOPR_2_20200114T071429_20200114T071449_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been smore records.	et for one or
CS_OFFL_SIR_GOPR_2_20200114T071641_20200114T072305_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality Flags between the Coco Altimeter Range and Backscatter Quality Flags between the Coco A	
CS_OFFL_SIR_GOPR_2_20200114T072305_20200114T072559_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter	
CS_OFFL_SIR_GOPR_2_20200114T072759_20200114T072838_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been smore records.	et for one or
CS_OFFL_SIR_GOPR_2_20200114T075410_20200114T075419_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been smore records.	et for one or
CS_OFFL_SIR_GOPR_2_20200114T081521_20200114T081753_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality FLRM and Backscatter Quality FLRM and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backsca	
CS_OFFL_SIR_GOPR_2_20200114T085448_20200114T090204_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 PLRM and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM and Backscatter Quality PLRM and Backscatter Quality PLRM.	
CS_OFFL_SIR_GOPR_2_20200114T091447_20200114T091558_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, or records. The OCOG Range and Backscatter Quality Flags have been smore records.	et for one or
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM and Backscatter Quality Flags and Ba	
CS_OFFL_SIR_GOPR_2_20200114T095449_20200114T095738_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags For one or more records.	
CS_OFFL_SIR_GOPR_2_20200114T103440_20200114T103600_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been smore records.	et for one or
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM and Backscatter Quality Flags and Ba	
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags set for one or more records.	
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags set for one or more records.	
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags set for one or more records.	
CS_OFFL_SIR_GOPR_2_20200114T120849_20200114T120915_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been smore records.	et for one or
CS_OFFL_SIR_GOPR_2_20200114T121411_20200114T121942_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality Flags set for one or more records.	

Case Affirmed Range Set No. 1997 P. 180, CODE	CS_OFFL_SIR_GOPR_2_20200114T124128_20200114T124536_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Sept. SIR, GOPR 2, 20001141140212, 2000014114315, CO01 Sept. SIR, GOPR 2, 20001141144212, 2000014114315, CO01 Sept. SIR, GOPR 2, 2000114114322, 20000141143323, CO01 Sept. SIR, GOPR 2, 2000114113233, CO01 Sept. SIR, GOPR 2, 2000114113233, CO01 Sept. SIR, GOPR 2, 2000114113233, CO01 Sept. SIR, GOPR 2, 200011411323, CO01 Sept. SIR, GOPR 2, 200011411323, CO01 Sept. SIR, GOPR 2, 20001141132, CO01 Sept. SIR, GOPR 2, 20001141132, CO01 Sept. SIR, GOPR 2, 20001141133, CO01 Sept. SIR, GOPR 2, 2000114113, CO01 Sept. SIR	CS_OFFL_SIR_GOPR_2_20200114T133143_20200114T133249_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SS_OFFL_SIR_GOPR_2_20000144T143238_20000144T15339_CO01 SS_OFFL_SIR_GOPR_2_20000144T15339_2000114T15339_CO01 CS_OFFL_SIR_GOPR_2_20000144T17428_2000114T15399_CO01 CS_OFFL_SIR_GOPR_2_20000144T17428_2000114T17400_CO01 SS_OFFL_SIR_GOPR_2_20000144T17428_2000114T17400_CO01 SS_OFFL_SIR_GOPR_2_20000144T17428_2000114T17400_CO01 SS_OFFL_SIR_GOPR_2_20000144T17428_2000114T17400_CO01 SS_OFFL_SIR_GOPR_2_20000144T17428_2000114T17400_CO01 SS_OFFL_SIR_GOPR_2_20000144T17428_2000114T17400_CO01 SS_OFFL_SIR_GOPR_2_2000014T17448_2000114T17400_CO01 SS_OFFL_SIR_GOPR_2_2000014T1748_2000114T18000_CO01 SS_OFFL_SIR_GOPR_2_2000014T1748_2000114T18000_CO01 SS_OFFL_SIR_GOPR_2_2000014T1748_2000114T18000_CO01 SS_OFFL_SIR_GOPR_2_2000014T18000_CO01 SS_OFFL_SIR_GOPR_2_2000014T18000_CO0114T18000_CO01 SS_OFFL_SIR_GOPR_2_2000014T18000_CO0114T18000_CO01 SS_OFFL_SIR_GOPR_2_2000014T18000_CO00114T18000_CO0114T18000_CO01 SS_OFFL_SIR_GOPR_2_2000014T18000_CO0114T18000_CO01 SS_OFFL_SIR_GOPR_2_2000014T18000_CO00114T18000_CO0114T18000_C	CS_OFFL_SIR_GOPR_2_20200114T140237_20200114T140347_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Coality PLRN, COCG April SIR, GOPR 2, 20200114T171222 20200114T17122_CO10 CS_OFFL_SIR_GOPR 2, 20200114T171222 20200114T17122_CO10 CS_OFFL_SIR_GOPR 2, 20200114T171222 20200114T17122_CO10 CS_OFFL_SIR_GOPR 2, 20200114T171222 20200114T17122_CO10 CS_OFFL_SIR_GOPR 2, 20200114T18440_20200114T180224_CO11 CS_OFFL_SIR_GOPR 2, 20200114T18440_20200114T18020_CO10 CS_OFFL_SIR_GOPR 2, 20200114T18440_20200114T18550_CO10 CS_OFFL_SIR_GOPR 2, 20200114T18420_20200114T18550_CO10 CS_OFFL_SIR_GOPR 2, 20200114T185347_20200114T18550_CO10 CS_OFFL_SIR_GOPR 2, 20200114T185347_20200114T18550_CO10 CS_OFFL_SIR_GOPR 2, 20200114T185347_20200114T190130_CO10 CS_OFFL_SIR_GOPR 2, 20200114T190230_20200114T190130_CO10 CS_OFFL_SIR_GOPR 2, 20200114T120303_20200114T190130_CO10 CS_OFFL_SIR_GOPR 2, 20200114T120303_20200114T190141_CO11 CS_OFFL_SIR_GOPR	CS_OFFL_SIR_GOPR_2_20200114T144212_20200114T144315_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
And Backscater Cuality PLRM. COCO Altimeter Range. SIA SIAN SIAN Backscater Cuality Plags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200114T17438_20200114T18024_C001 CS_OFFL_SIR_GOPR_2_20200114T18344_20200114T18024_C001 CS_OFFL_SIR_GOPR_2_20200114T18344_20200114T18024_C001 CS_OFFL_SIR_GOPR_2_20200114T18344_20200114T18024_C001 CS_OFFL_SIR_GOPR_2_20200114T18440_20200114T180565_C001 CS_OFFL_SIR_GOPR_2_20200114T18426_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18426_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18428_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18428_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18428_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18428_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18428_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18428_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18428_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18428_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18428_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18529_C000114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18529_C000114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18529_C000114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18639_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19033_2001 CS_OFFL_SIR_GOPR_2_20200114T19033_2001014T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19033_2000114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19033_2000114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19033_2000114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19033_2000114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T19033_2000114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T2033_2000114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T2033_2000114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T2033_2000114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T2033_2000114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T2033_2000114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T2033_2000114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T2033_20000114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T2033_20000114T200440_C001 CS_OFFL_SIR_GOPR_2	CS_OFFL_SIR_GOPR_2_20200114T153238_20200114T153939_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200114T174382_2020114T18024_C001 CS_OFFL_SIR_GOPR_2_20200114T183440_2020014T18024_C001 CS_OFFL_SIR_GOPR_2_20200114T183440_2020014T180505_C001 CS_OFFL_SIR_GOPR_2_20200114T184266_20200114T180505_C001 CS_OFFL_SIR_GOPR_2_20200114T185347_2020014T180505_C001 CS_OFFL_SIR_GOPR_2_20200114T185347_2020014T180505_C001 CS_OFFL_SIR_GOPR_2_20200114T185347_2020014T180505_C001 CS_OFFL_SIR_GOPR_2_20200114T180505_C001 CS_OFFL_SIR_GOPR_2_20200114T190305_C001 CS_OFFL_SIR_GOPR_2_20200114T190305_C0010 CS_OFFL_SIR_GOPR_2_20200114T190305_C0010 CS_OFFL_SIR_GOPR_2_20200114T190305_C0010 CS_OFFL_SIR_GOPR_2_20200114T190305_C0010 CS_OFFL_SIR_GOPR_2_20200114T190305_C0010 CS_OFFL_SIR_GOPR_2_20200114T190305_C0010 CS_OFFL_SIR_GOPR_2_20200114T190305_C0010 CS_OFFL_SIR_GOPR_2_20200114T190305_C0010 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C0010 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C0010 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200414_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200414_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200414_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T202644_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T202644_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T202644_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T204440_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T204440_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T204440_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T204440_C0011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20644	CS_OFFL_SIR_GOPR_2_20200114T171222_20200114T171423_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOC Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200114T183440_20200114T183506_C001 CS_OFFL_SIR_GOPR_2_20200114T184266_20200114T184439_C001 CS_OFFL_SIR_GOPR_2_20200114T184266_20200114T184439_C001 CS_OFFL_SIR_GOPR_2_20200114T184266_20200114T185007_C001 CS_OFFL_SIR_GOPR_2_20200114T184266_20200114T185007_C001 CS_OFFL_SIR_GOPR_2_20200114T184266_20200114T185007_C001 CS_OFFL_SIR_GOPR_2_20200114T185267_C001 CS_OFFL_SIR_GOPR_2_20200114T190339_C001 CS_OFFL_SIR_GOPR_2_20200114T190339_C001 CS_OFFL_SIR_GOPR_2_20200114T190339_C001 CS_OFFL_SIR_GOPR_2_20200114T190339_C0001 CS_OFFL_SIR_GOPR_2_20200114T190339_2000114T190309_C001 CS_OFFL_SIR_GOPR_2_20200114T190339_2000114T190309_C001 CS_OFFL_SIR_GOPR_2_20200114T190339_2000114T190309_C001 CS_OFFL_SIR_GOPR_2_20200114T190339_2000114T190411_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200414_C001 CS	CS_OFFL_SIR_GOPR_2_20200114T171438_20200114T172007_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200114T18436_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18426_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18426_20200114T18439_C001 CS_OFFL_SIR_GOPR_2_20200114T18426_20200114T18525_C001 CS_OFFL_SIR_GOPR_2_20200114T185201_20200114T18525_C001 CS_OFFL_SIR_GOPR_2_20200114T185347_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T185347_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19333_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19333_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19333_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T100014T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T202440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200440_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200004_20200114T200004_20200114T200004_20200114T200004_20200114T200004_20200114T200004_20200114T200004_20200114T200004_20200114T2	CS_OFFL_SIR_GOPR_2_20200114T175944_20200114T180224_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200114T18928_20200114T18509T_C001 CS_OFFL_SIR_GOPR_2_20200114T185201_20200114T185255_C001 CS_OFFL_SIR_GOPR_2_20200114T185201_20200114T185255_C001 CS_OFFL_SIR_GOPR_2_20200114T185201_20200114T190139_C001 CS_OFFL_SIR_GOPR_2_20200114T190334_C000114T190139_C001 CS_OFFL_SIR_GOPR_2_20200114T190238_20200114T190308_C001 CS_OFFL_SIR_GOPR_2_20200114T190238_20200114T190308_C001 CS_OFFL_SIR_GOPR_2_20200114T190338_20200114T190139_C001 CS_OFFL_SIR_GOPR_2_20200114T190338_20200114T190139_C001 CS_OFFL_SIR_GOPR_2_20200114T190338_20200114T190139_C001 CS_OFFL_SIR_GOPR_2_20200114T190338_20200114T1900114 CS_OFFL_SIR_GOPR_2_20200114T190338_20200114T1900114 CS_OFFL_SIR_GOPR_2_20200114T190338_20200114T200011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20001114T200011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20001114T200011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T2000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T2000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T2000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T20000114 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200001 CS_OFFL_SIR_GOPR_2_20200114T200001_20200114T200001 CS_OFFL_SIR_GOPR_2_20200114T200001_20200114T2000001 CS_OFFL_SIR_GOPR_2_20200114T200001_20200114T2000001 CS_OFFL_SIR_GOPR_2_20200114T200001_20200114T2000001 CS_OFFL_SIR_GOPR_2_20200114T200001_20200114T2000001 CS_OFFL_SIR_GOPR_2_20200114T200001_20200114T2000001 CS_OFFL_SIR_GOPR_2_20200114T200001_20200114T20000001 CS_OFFL_SIR_GOPR_2_20200114T200001_20200114T2000000000000000000000000000000	CS_OFFL_SIR_GOPR_2_20200114T183440_20200114T183505_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20200114T189201_20200114T189205_C001 CS_OFFL_SIR_GOPR_2_20200114T185201_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_2000114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_2000114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_2000114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_2000114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_2000114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_2000114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_2000114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_2000114T190011_C001 CS_OFFL_SIR_GOPR_2_20200114T190393_2000114T190011_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200414_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T20444_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_2020011	CS_OFFL_SIR_GOPR_2_20200114T184256_20200114T184439_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20200114T185201_20200114T185255_C001 All mater Range and Backscatter Quality PLRM, OCOG All mater Range, SSHA, SWH and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20200114T19038_20200114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_20200114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_20200114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_20200114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_20200114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T19038_20200114T19038_C001 CS_OFFL_SIR_GOPR_2_20200114T20004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T20004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T20033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOP	CS_OFFL_SIR_GOPR_2_20200114T184928_20200114T185007_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20200114T19039_C001 CS_OFFL_SIR_GOPR_2_20200114T190238_20200114T190308_C001 CS_OFFL_SIR_GOPR_2_20200114T190338_20200114T190308_C001 CS_OFFL_SIR_GOPR_2_20200114T1903032_20200114T190308_C001 CS_OFFL_SIR_GOPR_2_20200114T190004_20200114T19001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200011 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T2000411_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T2000411_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T2004041_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T20440_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T20440	CS_OFFL_SIR_GOPR_2_20200114T185201_20200114T185255_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Backscatter Quality CS_OFFL_SIR_GOPR_2_20200114T193932_20200114T194211_C001 CS_OFFL_SIR_GOPR_2_20200114T193932_20200114T194211_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T202644_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T20400_C00114T204400_C001 CS_OFFL_SIR_GOPR_2_20200114T204000000000000000000000000000	CS_OFFL_SIR_GOPR_2_20200114T185347_20200114T190139_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200114T193932_20200114T194211_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C001 CS_OFFL_SIR_GOPR_2_20200114T202506_20200114T202644_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T202644_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T221315_20200114T202100_C001 CS_OFFL_SIR_GOPR_2_20200114T221315_20200114T222100_C001 CS_OFFL_SIR_GOPR_2_20200114T221315_20200114T222100_C001 CS_OFFL_SIR_GOPR_2_20200114T222307_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T230910_20200114T231525_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T230910_20200114T231525_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200114T230910_20200114T231525_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200114T230910_20200114T231525_C001	CS_OFFL_SIR_GOPR_2_20200114T190238_20200114T190308_C001	OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20200114T202506_20200114T202644_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T221315_20200114T222100_C001 CS_OFFL_SIR_GOPR_2_20200114T221315_20200114T222100_C001 CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T22001_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T22001_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T22001_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T230910_20200114T231525_C001	CS_OFFL_SIR_GOPR_2_20200114T193932_20200114T194211_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 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_C001 CS_OFFL_SIR_GOPR_2_20200114T221315_20200114T222100_C001 CS_OFFL_SIR_GOPR_2_20200114T222101_C001 CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T230910_20200114T231525_C001 OCOG 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 and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality DCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality DCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20200114T200004_20200114T200411_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, 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 have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T230910_20200114T231525_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backsca	CS_OFFL_SIR_GOPR_2_20200114T202506_20200114T202644_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001 CS_OFFL_SIR_GOPR_2_20200114T230910_20200114T231525_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter 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_20200114T230910_20200114T231525_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20200114T203033_20200114T204440_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 OCOG Backscatter Quality OCOG Backscatter Quality OCEAN Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20200114T221315_20200114T222100_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20200114T222207_20200114T222453_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_GOPR_2_20200114T230910_20200114T231525_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200114T235211_20200114T235752_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_20200114T235211_20200114T235752_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

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.

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:

0

6.4 P2P Auxiliary Correction Error Check

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220200113T235515_20200114T004449_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_20200114T013428_20200114T022403_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20200114T022403_20200114T031342_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_20200114T031342_20200114T040316_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_20200114T040316_20200114T045256_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_220200114T045256_20200114T054230_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_220200114T054230_20200114T063209_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_20200114T063209_20200114T072143_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_20200114T072143_20200114T081123_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_20200114T081123_20200114T090057_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_20200114T090057_20200114T095036_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_20200114T095036_20200114T104010_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_20200114T104010_20200114T112950_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_20200114T112950_20200114T121924_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_220200114T121924_20200114T130903_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_20200114T130903_20200114T135838_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_220200114T135838_20200114T144817_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_220200114T144817_20200114T153751_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_220200114T153751_20200114T162731_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

	1	
CS_OFFL_SIR_GOP_2_20200114T162731_20200114T171705_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_220200114T171705_20200114T180644_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_20200114T180644_20200114T185618_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_20200114T185618_20200114T194558_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_20200114T194558_20200114T203532_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_20200114T203532_20200114T212511_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_20200114T212511_20200114T221445_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20200114T221445_20200114T230425_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_20200114T230425_20200114T235359_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_20200114T235359_20200115T004338_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:

C

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: 2

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.

Number of products with errors:

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.