

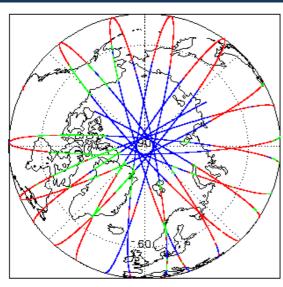
1. Overview

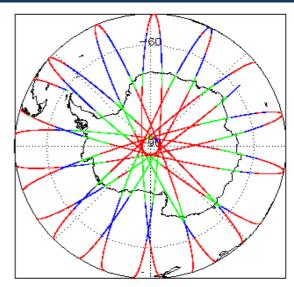
Report Production:	01-Nov-2022	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Geophysical Ocean Products (GOP L1B, L2 & P2P Science Data	

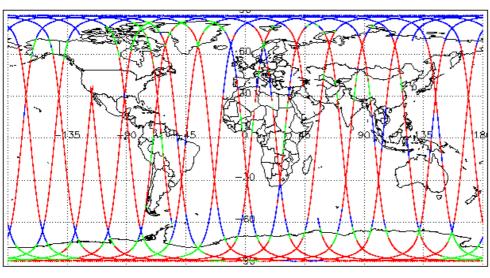
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
Ocean Retracking Quality Check	See Section 5.7	See Section 6.7
QCC Error/ Warning Check	See Section 7.1, 7.2 and 7.3	See Section 7.1, 7.2 and 7.3

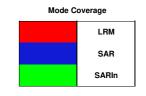
Mission / Inst	rument News
29-Sep-2022	None
30-Sep-2022	None
01-Oct-2022	Nothing planned

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

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 NetCDF product file (.nc).

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.

2

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.

Power scaling error

Number of products with errors:

Test Failed Description There is an error in the scaling of the L1B waveform for one or more CS_OFFL_SIR_GOPM1B_20220930T001748_20220930T003149_C001 Power scaling error records There is an error in the scaling of the L1B waveform for one or more CS OFFL SIR GOPM1B 20220930T020455 20220930T021202 C001

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: 17

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20220930T001748_20220930T003149_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220930T041706_20220930T044059_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220930T115510_20220930T120057_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220930T122307_20220930T124025_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220930T170423_20220930T171118_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220930T232713_20220930T234436_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220930T022327_20220930T022401_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220930T045307_20220930T045445_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220930T054152_20220930T054213_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220930T103854_20220930T104058_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220930T190132_20220930T190221_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220930T202854_20220930T203111_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220930T030121_20220930T030410_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220930T075824_20220930T080239_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

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

Number of products with errors:

55

Product	Test Failed	Description

CS_OFFL_SIR_GOPM_2_20220930T001748_20220930T003149_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20220930T055549_20220930T055725_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20220930T115510_20220930T120057_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_20220930T003741_20220930T003952_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_20220930T013251_20220930T013711_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_20220930T021423_20220930T021815_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_20220930T022327_20220930T022401_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_20220930T030410_20220930T030641_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_20220930T031405_20220930T031548_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_20220930T045307_20220930T045445_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_20220930T062314_20220930T062433_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_20220930T063004_20220930T063319_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_20220930T072117_20220930T072159_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_20220930T072428_20220930T072559_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_20220930T080239_20220930T080353_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_20220930T080901_20220930T081215_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20220930T094335_20220930T094612_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_20220930T094806_20220930T095347_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_20220930T103854_20220930T104058_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_20220930T112207_20220930T112512_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_20220930T121805_20220930T121912_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_20220930T130107_20220930T130312_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_20220930T135720_20220930T140309_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20220930T145000_20220930T145233_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_20220930T162001_20220930T162122_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_20220930T175951_20220930T180317_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_20220930T193858_20220930T194218_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_20220930T194735_20220930T194858_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_20220930T202854_20220930T203111_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_20220930T212631_20220930T212743_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_20220930T220909_20220930T221015_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_20220930T230334_20220930T230533_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_20220930T234714_20220930T234930_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_20220930T003952_20220930T004652_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_20220930T021815_20220930T022326_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_20220930T035550_20220930T040338_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_20220930T053421_20220930T054152_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_20220930T055102_20220930T055251_C001	Mean Dynamic Topography (1)	There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and tidal corrections for one or more records
CS_OFFL_SIR_GOPR_2_20220930T071316_20220930T071953_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_20220930T071953_20220930T072117_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_20220930T085211_20220930T085853_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_20220930T085853_20220930T090205_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_20220930T103124_20220930T103743_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_20220930T103743_20220930T103854_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_20220930T112005_20220930T112207_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220930T121121_20220930T121347_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_20220930T121347_20220930T121804_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_20220930T135152_20220930T135719_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_20220930T153237_20220930T153737_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_20220930T171118_20220930T171938_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_20220930T185034_20220930T185832_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_20220930T203111_20220930T203828_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_20220930T221015_20220930T221738_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_20220930T232459_20220930T232713_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_20220930T234930_20220930T235541_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
	•	•

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220930T001748_20220930T003149_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOPM_2_20220930T020455_20220930T021202_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220930T000107_20220930T001219_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_20220930T001748_20220930T003149_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

COLORIT SIR DOPN 2 DECENDATION 4 DECENDATION DO COLOR Allerent Report Sizes, SIRV. SMIT AND Executive Courty Fage And Exec	CS_OFFL_SIR_GOPM_2_20220930T003715_20220930T003741_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
CQ_OFFL_SR_DOPM_2_RECORDITIONED_COID CQ_OFFL_SR_DOPM_2_RECORDITIONED_	CS_OFFL_SIR_GOPM_2_20220930T010844_20220930T012231_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
DOC OFFL. SPIL, GOPML 2. 20209371133104. 20229371331050. COST CR. CREFL. SPIL, GOPML 2. 202093711331050. 20229371331050. COST CR. CREFL. SPIL, GOPML 2. 202093711311050. 20229371331050. COST CR. CREFL. SPIL, GOPML 2. 202093711311050. 2022937131050. COST CR. CREFL. SPIL, GOPML 2. 202093711311050. 20229371031050. COST CR. CREFL. SPIL, GOPML 2. 202093711311050. 20229371041050. COST CR. CREFL. SPIL, GOPML 2. 202093711041050. COST CR. CREFL. SPIL, GO	CS_OFFL_SIR_GOPM_2_20220930T012615_20220930T013100_C001	OCOG Altimeter Range Quality, OCOG	The OCOG Altimeter Range and Backscatter Quality Flags have been set
Saccesse Custry See Affection (1994). 2. 202200007164064 2. 202200007	CS_OFFL_SIR_GOPM_2_20220930T013854_20220930T020426_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Seit DEFL. SRR. GOPM. 2. 20220907101009_02020907101011_COSI CRI_OFFL_SRR_OCPM.2. 20220907101009_02020907101015_COSI DOS Allenter Range. SRR. SRR. SWR. DOS Allenter Range. SRR. SRR. SWR. DOS Allenter Range Costs. DOS DOS Allenter Range. SRR. SWR. DOS DOS Allenter Range. SRR. SWR. DOS DOS Allenter Range. SRR. SWR. DOS DOS Allenter Range. SRR. SWR. DOS DOS Allenter Range. SRR. SWR. DOS DOS Allenter Range. SRR. SWR. DOS DOS Allenter Range. SRR. SWR. DOS DOS Allenter Range. SRR. SWR. SWR. DOS DOS Allenter	CS_OFFL_SIR_GOPM_2_20220930T023436_20220930T023534_C001		
CS_OFFL_SIR_GOPM_2_202289017001929_2222901702499_C001 CS_OFFL_SIR_GOPM_2_202289017001939_2222901702499_C001 CS_OFFL_SIR_GOPM_2_202289017001939_2222901704990_C001 CS_OFFL_SIR_GOPM_2_20228901704939_C002901704990_C001 CS_OFFL_SIR_GOPM_2_20228901704906_2022901704900_C001 CS_OFFL_SIR_GOPM_2_20228901704906_2022901704909_C001 CS_OFFL_SIR_GOPM_2_20228901704906_2022901704909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C002901704909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C002901704909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C002901704909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C002901704909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C002901704909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C002901704909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C002901704909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C001 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C0010 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C0010 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C0010 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C0010 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C0010 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C0010 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C0010 CS_OFFL_SIR_GOPM_2_20228901704909_C0029017044909_C00100170490	CS_OFFL_SIR_GOPM_2_20220930T023824_20220930T025930_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality	CS_OFFL_SIR_GOPM_2_20220930T030019_20220930T030121_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_0020930T041741_00203930T04405_C001 and Reslocater Cusinly, COOCA Affender Pages and Backscater Cusinly Pages have been Affender Pages and Backscater Cusinly Pages have been and seasocater Cusinly. OCOCA Affender Pages and Backscater Cusinly	CS_OFFL_SIR_GOPM_2_20220930T031039_20220930T031405_C001		
and the OCOS Afference Range and Backscatter Quality Flags have been after the Range and Backscatter Quality Flags have been after the Range and Backscatter Quality Flags have been after the Range and Backscatter Quality Flags have been after the Range Self-As (NW) and Backscatter Quality Flags have been after the Range Self-As (NW) and Backscatter Quality Flags have been after the Range As (NW) and Backscatter Quality Flags have been after the Range As (NW) and Backscatter Quality Flags have been set to row or more records. CS_OFFL_SIR_GOPM_2_20220930T04434_20220930T04435_C001 CS_OFFL_SIR_GOPM_2_20220930T04434_20220930T04435_C001 CS_OFFL_SIR_GOPM_2_20220930T04434_20220930T04435_C001 CS_OFFL_SIR_GOPM_2_20220930T04536_20220930T055454_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T055454_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T055454_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054354_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054354_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054354_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054354_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054354_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054354_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054354_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054354_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T054320_C001 CS_OFFL_SIR_GOPM_2_20220930T074220_C001 CS_OFFL_SIR_GOPM_2_20220930T074220_C001 CS_OFFL_SIR_GOPM_2_20220930T	CS_OFFL_SIR_GOPM_2_20220930T031741_20220930T034506_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COCG All fameter Range and Backscatter Quality Flags have been after Range SIRLA, SIVH and Backscatter Quality Flags have been set one or more records CS_OFFL_SIR_GOPM_2_20220930T04493_20220930T04409_CO01 CS_OFFL_SIR_GOPM_2_20220930T04493_20220930T04409_CO01 CS_OFFL_SIR_GOPM_2_20220930T04493_20220930T04901_CO01 CS_OFFL_SIR_GOPM_2_20220930T04493_20220930T04509_CO01 CS_OFFL_SIR_GOPM_2_20220930T04493_20220930T04509_CO01 CS_OFFL_SIR_GOPM_2_20220930T04509_CO0201 CS_OFFL_SIR_GOPM_2_20220930T04509_CO0201 CS_OFFL_SIR_GOPM_2_20220930T04509_CO0201 CS_OFFL_SIR_GOPM_2_20220930T04509_CO0201 CS_OFFL_SIR_GOPM_2_20220930T04509_CO0201 CS_OFFL_SIR_GOPM_2_20220930T04509_CO0201 CS_OFFL_SIR_GOPM_2_20220930T04509_CO02050T04509_CO020	CS_OFFL_SIR_GOPM_2_20220930T040338_20220930T040345_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and the absocate or country. COG Allmeter Range and Backscatter Quality Rlags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20229930T04494_20229930T044931_C001 CS_OFFL_SIR_GOPM_2_20229930T04494_20229930T044931_C001 CS_OFFL_SIR_GOPM_2_20229930T044938_20229930T044936_C001 CS_OFFL_SIR_GOPM_2_20229930T044938_20229930T044936_C001 CS_OFFL_SIR_GOPM_2_20229930T044938_20229930T053114_C001 CS_OFFL_SIR_GOPM_2_20229930T054936_20229930T054954_C001 CS_OFFL_SIR_GOPM_2_20229930T054936_20229930T054954_C001 CS_OFFL_SIR_GOPM_2_20229930T054936_20229930T054954_C001 CS_OFFL_SIR_GOPM_2_20229930T054936_20229930T072120_C001 CS_OFFL_SIR_GOPM_2_20229930T054936_20229930T072120_C001 CS_OFFL_SIR_GOPM_2_20229930T072159_20229930T072120_C001 CS_OFFL_SIR_GOPM_2_20229930T072159_20229930T072120_C001 CS_OFFL_SIR_GOPM_2_20229930T072159_20229930T072428_C001 CS_OFFL_SIR_GOPM_2_20229930T072159_20229930T073242_C001 CS_OFFL_SIR_GOPM_2_20229930T072159_20229930T073242_C001 CS_OFFL_SIR_GOPM_2_20229930T072159_20229930T073242_C001 CS_OFFL_SIR_GOPM_2_20229930T072159_20229930T073242_C001 CS_OFFL_SIR_GOPM_2_20229930T072159_20229930T073242_C001 CS_OFFL_SIR_GOPM_2_20229930T07315_20229930T073242_C001 CS_OFFL_SIR_GOPM_2_20229930T07315_20229930T073242_C001 CS_OFFL_SIR_GOPM_2_20229930T07315_20229930T073242_C001 CS_OFFL_SIR_GOPM_2_20229930T073015_20229930T073242_C001 CS_OFFL_SIR_GOPM_2_20229930T079352_2029930T079324_C001 CS_OFFL_SIR_GOPM_2_20229930T09354_20229930T09324_C001 CS_OFFL_SIR_GOPM_2_20229930T09354_20229930T09324_C001 CS_OFFL_SIR_GOPM_2_20229930T09354_20229930T09354_Q001 CS_OFFL_SIR_GOPM_2_20229930T09354_2020930T09354_Q001 CS_OFFL_SIR_GOPM_2_20229930T09354_2020930T09354_Q001 CS_OFFL_SIR_GOPM_2_20229930T09354_2020930T09354_Q001 CS_OFFL_SIR_GOPM_2_20229930T09355_20229930T09354_Q001 CS_OFFL_SIR_GOPM_2_20229930T09355_20229930T09354_Q001 CS_OFFL_SIR_GOPM_2_20229930T09355_20229930T09354_Q001 CS_OFFL_SIR_GOPM_2_20229930T09355_20229930T09354_Q001 CS_OFFL_SIR_GOPM_2_20229930T09355_20229930T09354_Q001 CS_OFFL_SIR_GOPM_2_20	CS_OFFL_SIR_GOPM_2_20220930T040405_20220930T041207_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality GS_OFFL_SIR_GOPM_2_20220930T044938_20220930T04530e_C001 GS_OFFL_SIR_GOPM_2_20220930T046735_20220930T053114_C001 GS_OFFL_SIR_GOPM_2_20220930T046735_20220930T053114_C001 GS_OFFL_SIR_GOPM_2_20220930T046735_20220930T053114_C001 GS_OFFL_SIR_GOPM_2_20220930T046735_20220930T054954_C001 GS_OFFL_SIR_GOPM_2_20220930T054230_20220930T054954_C001 GS_OFFL_SIR_GOPM_2_20220930T054230_20220930T054954_C001 GS_OFFL_SIR_GOPM_2_20220930T054230_20220930T05102_C001 GS_OFFL_SIR_GOPM_2_20220930T050507_20220930T05102_C001 GS_OFFL_SIR_GOPM_2_20220930T050507_20220930T05102_C001 GS_OFFL_SIR_GOPM_2_20220930T050507_20220930T071210_C001 GS_OFFL_SIR_GOPM_2_20220930T075105_20220930T071210_C001 GS_OFFL_SIR_GOPM_2_20220930T075105_20220930T072422_C001 GS_OFFL_SIR_GOPM_2_20220930T0707105_20220930T07304_C001 GS_OFFL_SIR_GOPM_2_20220930T0707105_20220930T07304_C001 GS_OFFL_SIR_GOPM_2_20220930T0707105_20220930T070804_C001 GS_OFFL_SIR_GOPM_2_20220930T0707070707070707070707070707070707070	CS_OFFL_SIR_GOPM_2_20220930T041706_20220930T044059_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality Flags and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T054230_20220930T054954_C001 CS_OFFL_SIR_GOPM_2_20220930T054230_20220930T054954_C001 CS_OFFL_SIR_GOPM_2_20220930T054230_20220930T054954_C001 CS_OFFL_SIR_GOPM_2_20220930T054230_20220930T054954_C001 CS_OFFL_SIR_GOPM_2_20220930T055097_20220930T054954_C001 CS_OFFL_SIR_GOPM_2_20220930T055097_20220930T05102_C001 CS_OFFL_SIR_GOPM_2_20220930T055097_20220930T071210_C001 CS_OFFL_SIR_GOPM_2_20220930T085730_20220930T071210_C001 CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T071242_C001 CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T072428_C001 CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T072428_C001 CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T072428_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T072428_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T07304_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T075024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T075024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T075024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T075024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T075024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T075024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T075024_C001 CS_OFFL_SIR_GOPM_2_20220930T0750835_C001 CS_OFFL_SIR_GOPM_2_20220930T0750835_C001 CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T095024_C001 CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T095037_C001 CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T0950324_C001 CS_OFFL_SIR_GOPM_2_20220930T095055_20220930T095037_C001 CS_OFFL_SIR_GOPM_2_20220930T091366_20220930T095037_C001 CS_OFFL_SIR_GOPM_2_20220930T091366_20220930T095037_C001 CS_OFFL_SIR_GOPM_2_20220930T091366_20220930T095037_C001 CS_OFFL_SIR_GOPM_2_20220930T091366_20220930T095037_C001 CS_OFFL_SIR_GOPM_2_20220930T091366_20220930T095037_C001 CS_OFFL_SIR_GOPM_2_20220930T091366_20220930T095037_C001 CS_OFFL_SIR_GOPM_2_20220930T091366_20220930T	CS_OFFL_SIR_GOPM_2_20220930T044434_20220930T044931_C001		
Altimeter Range and Backscatter Quality Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been a	CS_OFFL_SIR_GOPM_2_20220930T044938_20220930T045306_C001		
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been at the Coco Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T055027_20220930T055102_CO01 CS_OFFL_SIR_GOPM_2_20220930T063730_20220930T071210_CO01 CS_OFFL_SIR_GOPM_2_20220930T063730_20220930T071210_CO01 CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T072128_CO01 CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T072428_CO01 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_CO01 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_CO01 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_CO01 CS_OFFL_SIR_GOPM_2_20220930T074222_20220930T075823_CO01 CS_OFFL_SIR_GOPM_2_20220930T074222_20220930T075823_CO01 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_CO01 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_CO01 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_CO01 CS_OFFL_SIR_GOPM_2_20220930T080554_20220930T080901_CO01 CS_OFFL_SIR_GOPM_2_20220930T080554_20220930T080540_CO01 CS_OFFL_SIR_GOPM_2_20220930T080554_20220930T080540_CO01 CS_OFFL_SIR_GOPM_2_20220930T080554_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T080554_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T080554_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090324_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090305_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090305_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090305_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090305_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090305_CO01 CS_OFFL_SIR_GOPM_2_20220930T090305_20220930T090305	CS_OFFL_SIR_GOPM_2_20220930T045735_20220930T053114_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20220930T083730_20220930T071210_C001 CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T072428_C001 CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T072428_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_C001 CS_OFFL_SIR_GOPM_2_20220930T074222_20220930T073024_C001 CS_OFFL_SIR_GOPM_2_20220930T074222_20220930T075823_C001 CS_OFFL_SIR_GOPM_2_20220930T074222_20220930T075823_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080558_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080558_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T0805140_C001 CS_OFFL_SIR_GOPM_2_20220930T080558_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OF	CS_OFFL_SIR_GOPM_2_20220930T054230_20220930T054954_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
S_OFFL_SIR_GOPM_2_20220930T083730_20220930T071210_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T072428_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T075823_C001 CS_OFFL_SIR_GOPM_2_20220930T074222_20220930T075823_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T085140_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090356_20220930T090387_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T090387_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T090387_	CS_OFFL_SIR_GOPM_2_20220930T055027_20220930T055102_C001		
Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_C001 CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T075823_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T085140_C001 CS_OFFL_SIR_GOPM_2_20220930T0803558_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T090337_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CCOM Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPM_2_20220930T063730_20220930T071210_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T074222_20220930T075823_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080558_20220930T085140_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T093637_C001 Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean 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_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T093637_C001 DCGA 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 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 DCGA Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T094612_20220930T093637_C001 DCGA Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPM_2_20220930T072159_20220930T072428_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001 CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T085140_C001 CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T09030T090305_20220930T090305_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T094612_2022	CS_OFFL_SIR_GOPM_2_20220930T073015_20220930T073024_C001		
Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T085140_C001 Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T085140_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 Backscatter Quality Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and 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_GOPM_2_20220930T094612_20220930T0948612_20	CS_OFFL_SIR_GOPM_2_20220930T074222_20220930T075823_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T094612_20220930T0948612_20220930T09	CS_OFFL_SIR_GOPM_2_20220930T080354_20220930T080901_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 CS_OFFL_SIR_GOPM_2_20220930T094612_20220930T094612_20220930T094805_C001 CS_OFFL_SIR_GOPM_2_20220930T094612_20220930T094805_C001	CS_OFFL_SIR_GOPM_2_20220930T081558_20220930T085140_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range and Backscatter Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set occurrence.	CS_OFFL_SIR_GOPM_2_20220930T090205_20220930T090324_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20220930T091356_20220930T093637_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20220930T094612_20220930T094805_C001		

CS_OFFL_SIR_GOPM_2_20220930T095548_20220930T100751_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_20220930T100913_20220930T101226_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_20220930T101707_20220930T103124_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_20220930T104404_20220930T110133_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_20220930T110325_20220930T111739_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_20220930T112512_20220930T112717_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_20220930T112814_20220930T113219_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_20220930T113502_20220930T114753_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_20220930T115134_20220930T115508_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_20220930T115510_20220930T120057_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_20220930T122107_20220930T122250_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_20220930T122307_20220930T124025_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_20220930T124559_20220930T125428_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_20220930T125500_20220930T125830_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_20220930T130312_20220930T131122_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_20220930T131441_20220930T132923_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_20220930T140309_20220930T141156_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_20220930T141225_20220930T141604_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_20220930T141607_20220930T143815_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_20220930T144440_20220930T145000_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_20220930T145501_20220930T151633_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_20220930T152726_20220930T153042_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_20220930T155103_20220930T161703_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_20220930T162408_20220930T163010_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_20220930T170116_20220930T170124_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_20220930T170423_20220930T171118_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

CO. CPTL. SITL COPTL 2, 2000000T14619, 2000000T14619. CO. CPTL. SITL COPTL 2, 200000T14619, 200000T14619. CO. CPTL. SITL COPTL 2, 200000T1461	CS_OFFL_SIR_GOPM_2_20220930T172328_20220930T175512_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
CG CFFL SIR GOPM 2 8220093719021 202000719020 CD1 CG CFFL SIR GOPM 2 8220093719022 CD1 CG CFFL SIR GOPM 2 8220093719024 CD1 CG C	CS_OFFL_SIR_GOPM_2_20220930T180318_20220930T180845_C001	3,	, ,
CS_OFFL_SIR_COPM_2_RE20000T194192_2020000T19629_20000 CS_OFFL_SIR_COPM_2_RE20000T194192_2020000T19629_2001 CS_OFFL_SIR_COPM_2_RE20000T194192_2020000T19629_2001 CS_OFFL_SIR_COPM_2_RE20000T194192_2020000T19629_2001 CS_OFFL_SIR_COPM_2_RE20000T194192_2020000T19629_2001 CS_OFFL_SIR_COPM_2_RE20000T194192_2020000T19629_2001 CS_OFFL_SIR_COPM_2_RE20000T194192_2020000T19629_2001 CS_OFFL_SIR_COPM_2_RE20000T194192_2020000T19629_2001 CS_OFFL_SIR_COPM_2_RE20000T194192_2020000T19629_2001 CS_OFFL_SIR_COPM_2_RE20000T194192_2001	CS_OFFL_SIR_GOPM_2_20220930T181250_20220930T181635_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOM_2_2020000T19120_2020000T19120_201001 Dear_Allmark Flags of the Discharge flags and Discharge flags are to de to the range of the Discharge flags and the Discharge and Discharge flags and the Discharge and Discharge flags flags flags flags flags flags flags and the Discharge and Discharge flags fl	CS_OFFL_SIR_GOPM_2_20220930T184731_20220930T185034_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Sell-CPFL_SRI_COPPL_2_2020800718409_co200300719074_Cold CR_CPFL_SRI_COPPL_2_2020800718409_co200300719074_Cold CR_CPFL_SRI_COPPL_2_2020800718502_002030720901_Cold CR_CPFL_SRI_COPPL_2_2020800718502_002030720901_Cold CR_CPFL_SRI_COPPL_2_2020800718502_002030720901_Cold CR_CPFL_SRI_COPPL_2_2020800718502_002030720901_Cold CR_CPFL_SRI_COPPL_2_2020800718502_002030720901_Cold CR_CPFL_SRI_COPPL_2_2020800718502_002030720901_Cold CR_CPFL_SRI_COPPL_2_2020800718502_002030720900_Cold CR_CPFL_SRI_COPPL_2_2020800718502_002030720900_Cold CR_CPFL_SRI_COPPL_2_2020800718500_Cold CR_CPFL_SRI_COPPL_2_20220800718500_Cold CR_CPFL_SRI_C	CS_OFFL_SIR_GOPM_2_20220930T190221_20220930T191201_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Reskooter Caulty CS OFFL SIR COPM 2 20200991719032 202209007201972 COOR CS OFFL SIR COPM 2 20200991720739 202209007201972 COOR CS OFFL SIR COPM 2 20200991720739 202209007201975 COOR CS OFFL SIR COPM 2 20200991720739 202209007201975 COOR CS OFFL SIR COPM 2 20200991720739 202209007201975 COOR CS OFFL SIR COPM 2 20220991720739 20220907201975 COOR CS OFFL SIR COPM 2 20220991720739 202209077201975 COOR CS OFFL SIR COPM 2 20220991720299 202209077201975 COOR CS OFFL SIR COPM 2 20220991720997 202209077201975 COOR CS OFFL SIR COPM 2	CS_OFFL_SIR_GOPM_2_20220930T191407_20220930T193523_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20229901729192 20229901729192 COD Anterior Reging and Blackscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20229901720129 20229901729193 COD CS_OFFL_SIR_GOPM_2_20229901720293 COD0000721293 COD CS_OFFL_SIR_GOPM_2_20229901720393 COD000072293 COD CS_OFFL_SIR_GOPM_2_20229901720394 COD000072293 COD0000072293 COD000072293 COD000072293 COD000072293	CS_OFFL_SIR_GOPM_2_20220930T194326_20220930T194734_C001	3,	
Sadescatter Quality Octoor or more records CS_OFFL_SIR_QOPM_2_90229901729791_29029901721940_Q001 Sadescatter Quality OCG CS_OFFL_SIR_QOPM_2_90229901729791_29029901721410_Q001 Sadescatter Quality OCG Alternater Range and Balaccater Quality OCG Alternater Range and Balaccater Quality Flags have been set for more in one records CS_OFFL_SIR_QOPM_2_90229901729991_29291_2001 Sadescatter Quality OCG Alternater Range and Balaccater Quality Flags have been set for more in one records CS_OFFL_SIR_QOPM_2_90229901721990_292990172991_2001 Sadescatter Quality CS_OFFL_SIR_QOPM_2_90229901721990_292990172991_2001 Sadescatter Quality CS_OFFL_SIR_QOPM_2_90229901721990_29001 Sadescatter Quality CS_OFFL_SIR_QOPM_2_90229901721990_2001 Sadescatter Quality CS_OFFL_SIR_QOPM_2_90229901721990_2001 Sadescatter Quality Sadescatter Quality Sadescatter Quality CS_OFFL_SIR_QOPM_2_90229901721990_2001 Sadescatter Quality Sadescat	CS_OFFL_SIR_GOPM_2_20220930T195302_20220930T200912_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and the COCA Minneter Range and Backscatter Quality Flags have been Affirmeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_202209307121950_202299307121251_C001 CS_OFFL_SIR_GOPM_2_202209307121240_202299307121251_C001 CS_OFFL_SIR_GOPM_2_202209307121240_202299307121251_C001 CS_OFFL_SIR_GOPM_2_202209307121240_202299307121251_C001 CS_OFFL_SIR_GOPM_2_202209307121352_2022093071220507_C001 CS_OFFL_SIR_GOPM_2_202209307121352_2022093071220507_C001 CS_OFFL_SIR_GOPM_2_202209307121352_2022093071220507_C001 CS_OFFL_SIR_GOPM_2_202209307121352_2022093071220507_C001 CS_OFFL_SIR_GOPM_2_2022093071220507_C001 CS_OFFL_SIR_GOPM_2_2022093071220507_C0010 CS_OFFL_SIR_GOPM_2_2022093071220507_C0010 CS_OFFL_SIR_GOPM_2_2022093071220507_C0010 CS_OFFL_SIR_GOPM_2_2022093071220507_C0010 CS_OFFL_SIR_GOPM_2_2022093071220507_C0010 CS_OFFL_SIR_GOPM_2_2022093071220507_C0010 CS_OFFL_SIR_GOPM_2_2022093071230507_C0010 CS_OFFL_SIR_GOPM_2_2022093071230507_C0010 CS_OFFL_SIR_GOPM_2_2022093071230507_C0010 CS_OFFL_SIR_GOPM_2_20220930712305	CS_OFFL_SIR_GOPM_2_20220930T201239_20220930T201637_C001	3,	
and flashscater Oually, COOG Allimeter Range and Backscatter Quality Flags have been set for one or one records CS_OFFL_SIR_GOPM_2_20220930721750_202209307212221_0001 CS_OFFL_SIR_GOPM_2_20220930721750_202209307212221_0001 CS_OFFL_SIR_GOPM_2_202209307212240_202209307222507_0001 CS_OFFL_SIR_GOPM_2_20220930722332_20220930722507_0001 CS_OFFL_SIR_GOPM_2_20220930722332_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307223618_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307223618_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225618_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225618_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225618_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225618_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225618_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225618_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225619_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225619_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225619_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225619_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225619_202209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225619_20209307225090_0001 CS_OFFL_SIR_GOPM_2_202209307225619_20001 CS_OFFL_SIR_GOPM_2_202209307225619_20001 CS_OFFL_SIR_GOPM_2_202209307225619_20001 CS_OFFL_SIR_GOPM_2_202209307225619_20001 CS_OFFL_SIR_GOPM_2_2022093072351141_20220930723549_0001 CS_OFFL_SIR_GOPM_2_202209307232619_20001 C	CS_OFFL_SIR_GOPM_2_20220930T202715_20220930T202803_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPM_2_202203907212840_20229907228507_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907220507_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907220507_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907220507_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907220507_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907220000_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907220000_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907220000_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907220000_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907223000_0001 CS_OFFL_SIR_GOPM_2_202203907220618_20220907223000_0001 CS_OFFL_SIR_GOPM_2_202203907220619_20220907223000_0001 CS_OFFL_SIR_GOPM_2_202203907220619_2022090722300000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20220930T203908_20220930T211410_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Secretar Duality for one or more records CS_OFFL_SIR_GOPM_2_20220930T213322_20220930T220507_C001 CS_OFFL_SIR_GOPM_2_20220930T223322_20220930T220507_C001 CS_OFFL_SIR_GOPM_2_20220930T220518_20220930T220507_C001 CS_OFFL_SIR_GOPM_2_20220930T221738_20220930T223202_C001 CS_OFFL_SIR_GOPM_2_20220930T221738_20220930T223202_C001 CS_OFFL_SIR_GOPM_2_20220930T223502_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_C002030T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_C002030T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_C002030T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_C002030T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_C002030T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_0220930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_0220930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_020930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_020930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_020930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_020930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_020930T23030723445_C001 CS_OFFL_SIR_GOPM_2_20220930T230152_020930T230152_00000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20220930T211750_20220930T212221_C001		
and Backscatter Quality, OCOG Allimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_GOPM_2_20220930T220618_20220930T220909_CO01 CS_OFFL_SIR_GOPM_2_20220930T221738_20220930T223022_CO01 CS_OFFL_SIR_GOPM_2_20220930T221738_20220930T223022_CO01 CS_OFFL_SIR_GOPM_2_20220930T221738_20220930T223022_CO01 CS_OFFL_SIR_GOPM_2_20220930T223643_20220930T223202_CO01 CS_OFFL_SIR_GOPM_2_20220930T223643_20220930T2232903_CO01 CS_OFFL_SIR_GOPM_2_20220930T223643_20220930T223093_CO01 CS_OFFL_SIR_GOPM_2_20220930T224017_20220930T223336_CO01 CS_OFFL_SIR_GOPM_2_20220930T225604_20220930T230121_CO01 CS_OFFL_SIR_GOPM_2_20220930T225604_20220930T230121_CO01 CS_OFFL_SIR_GOPM_2_20220930T225604_20220930T230134_CO01 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T23141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T23141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T23141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T23141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T23445_20220930T232449_CO01 CS_OFFL_SIR_GOPM_2_20220930T23445_20220930T23445_CO01 CS_OFFL_SIR_GOPM_2_20220930T23445_CO01 CS_OFFL_SIR_GOPM_2_20220930T23445_20220930T23445_CO01 C	CS_OFFL_SIR_GOPM_2_20220930T212240_20220930T212631_C001		
GS_OFFL_SIR_GOPM_2_20220930T221738_20220930T22302_C001 GS_OFFL_SIR_GOPM_2_20220930T223643_20220930T22303_C001 GS_OFFL_SIR_GOPM_2_20220930T223643_20220930T223903_C001 GS_OFFL_SIR_GOPM_2_20220930T223643_20220930T223903_C001 GS_OFFL_SIR_GOPM_2_20220930T223643_20220930T22303_C001 GS_OFFL_SIR_GOPM_2_20220930T223643_20220930T22303_C001 GS_OFFL_SIR_GOPM_2_20220930T224017_20220930T225336_C001 GS_OFFL_SIR_GOPM_2_20220930T225504_20220930T225336_C001 GS_OFFL_SIR_GOPM_2_20220930T225504_20220930T230334_C001 GS_OFFL_SIR_GOPM_2_20220930T235015_20220930T230334_C001 GS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_C001 GS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232439_C001 GS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232439_C001 GS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232443_C001 GS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232443_C001 GS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232443_C001 GS_OFFL_SIR_GOPM_2_20220930T232441_20220930T234436_C001 GS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234436_C001 GS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234436_C001 GS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234436_C001 GS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234436_C001 GS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234456_C001 GS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234456_C001	CS_OFFL_SIR_GOPM_2_20220930T213322_20220930T220507_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T225604_20220930T230121_C001 CS_OFFL_SIR_GOPM_2_20220930T230155_20220930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_C001 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_C001 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232449_C001 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232459_C001 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T23446_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_2020930T23445C_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T23445C_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234465_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T23445C_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T1	CS_OFFL_SIR_GOPM_2_20220930T220618_20220930T220909_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been at the COC Altimeter Range and Backscatter Quality Flags have been at the COC Altimeter Range and Backscatter Quality Flags have been at the COC Altimeter Range and Backscatter Quality Flags have been at the COC Altimeter Range and Backscatter Quality Flags have been at the COC Altimeter Range and Backscatter Quality Flags have been at the COC Altimeter Range and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_GOPM_2_20220930T225604_20220930T230121_CO01 CS_OFFL_SIR_GOPM_2_20220930T230155_20220930T230334_CO01 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T230334_CO01 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_CO01 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232449_CO01 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232449_CO01 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232445_CO01 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T234436_CO01 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234436_CO01 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234445_CO01 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234445_CO01 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234445_CO01 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234445_CO01 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234455_CO01 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234455_CO01 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234455_CO01 CS_OFFL_SIR_GOPM_2_20220930T234455_20220930T234455_CO01 CS_OFFL_SIR_GOPM_2_20220930T234455_20220930T2344	CS_OFFL_SIR_GOPM_2_20220930T221738_20220930T223202_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220930T22504_20220930T225336_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T230155_20220930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T230155_20220930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T230334_C001 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_C001 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232459_C001 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232449_C001 CS_OFFL_SIR_GOPM_2_20220930T232713_20220930T234436_C001 CS_OFFL_SIR_GOPM_2_20220930T232713_20220930T234445_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234445_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234445_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234445_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234445_C001 CS_OFFL_SIR_GOPM_2_20220930T232713_20220930T234455_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234455_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234455_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234455_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234455_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234455_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234455_C001 CS_OFFL_SIR_GOPM_2_20220930T234455_20220930T234455_C001 CS_OFFL_SIR_GOPM_2_20220930T234455_20220930T234455_	CS_OFFL_SIR_GOPM_2_20220930T223643_20220930T223903_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T230155_20220930T230334_C001 Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_C001 CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_C001 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232459_C001 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232459_C001 CS_OFFL_SIR_GOPM_2_20220930T232411_20220930T232459_C001 CS_OFFL_SIR_GOPM_2_20220930T232411_20220930T232445_C001 CS_OFFL_SIR_GOPM_2_20220930T232445_20220930T234436_C001 CS_OFFL_SIR_GOPM_2_20220930T2324452_20220930T234436_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234445_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234445_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234452_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234645_C001 CCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPM_2_20220930T224017_20220930T225336_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_C001 Doean Altimeter Range, SSHA, SWH 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_20220930T232441_20220930T232459_C001 DOCG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records DOCG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records DOCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records DOCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records DOCG 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 DOCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records DOCG 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 DOCG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records DOCG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records DOCG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records DOCG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records DOCG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPM_2_20220930T225604_20220930T230121_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232459_C001 CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232459_C001 CS_OFFL_SIR_GOPM_2_20220930T232713_20220930T232436_C001 CS_OFFL_SIR_GOPM_2_20220930T232713_20220930T234436_C001 CS_OFFL_SIR_GOPM_2_20220930T2324452_20220930T234456_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234645_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234645_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T152722_20220930T152725_C001 CCS_OFFL_SIR_GOPM_2_20220930T152722_20220930T152725_C001 CCS_OFFL_SIR_GOPM_2_20220930T152722_2020930T152725_C001 CCS_OFFL_SIR_GOPM_2_20220930T152722_2020930T152725_C001 CCS_OFFL_SIR_GOPM_2_20220930T152725_C001 CCS_OFFL_SIR_GOP	CS_OFFL_SIR_GOPM_2_20220930T230155_20220930T230334_C001		
Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T23241_20220930T232439_C001 Backscatter Quality CS_OFFL_SIR_GOPM_2_20220930T232713_20220930T234436_C001 CS_OFFL_SIR_GOPM_2_20220930T232713_20220930T234436_C001 CS_OFFL_SIR_GOPM_2_20220930T2324452_20220930T234645_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234645_C001 CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234645_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPM_2_20220930T120057_20220930T120320_C001 CCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality COCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPM_2_20220930T231141_20220930T232439_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220930T232413_20220930T234436_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234645_C001 CS_OFFL_SIR_GOPN_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPN_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPN_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPN_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPN_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPN_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPN_2_20220930T152722_20220930T152725_C001 CCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set CCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set CCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_GOPM_2_20220930T232441_20220930T232459_C001		
CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234645_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPN_2_20220930T120057_20220930T120320_C001 CS_OFFL_SIR_GOPN_2_20220930T12037_20220930T152725_C001 CS_OFFL_SIR_GOPN_2_20220930T152722_20220930T152725_C001 CS_OFFL_SIR_GOPN_2_20220930T152722_20220930T152725_C001 CS_OFFL_SIR_GOPN_2_20220930T152722_20220930T152725_C001	CS_OFFL_SIR_GOPM_2_20220930T232713_20220930T234436_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_GOPM_2_20220930T234452_20220930T234645_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPN_2_20220930T120057_20220930T120320_C001		
	CS_OFFL_SIR_GOPN_2_20220930T152722_20220930T152725_C001		

L2 Quality Flags (20 Hz PLRM)

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20220930T001307_20220930T001331_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_20220930T001407_20220930T001611_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_20220930T001611_20220930T001747_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_20220930T003411_20220930T003715_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_20220930T003741_20220930T003952_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_20220930T013251_20220930T013711_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_20220930T023309_20220930T023435_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_20220930T023534_20220930T023824_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_20220930T030410_20220930T030641_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_20220930T044307_20220930T044434_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_20220930T045307_20220930T045445_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_20220930T053114_20220930T053227_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_20220930T053310_20220930T053421_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_20220930T054152_20220930T054213_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_20220930T055725_20220930T055831_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_20220930T060132_20220930T060310_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_20220930T060327_20220930T060701_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_20220930T063004_20220930T063319_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_20220930T080239_20220930T080353_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_20220930T080901_20220930T081215_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_20220930T094335_20220930T094612_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_20220930T103854_20220930T104058_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_20220930T112207_20220930T112512_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_20220930T120057_20220930T120320_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_20220930T124025_20220930T124559_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_20220930T131122_20220930T131310_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_20220930T133817_20220930T134201_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_20220930T135720_20220930T140309_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_20220930T162218_20220930T162408_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_20220930T163011_20220930T163134_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_20220930T171938_20220930T172328_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_20220930T175951_20220930T180317_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_20220930T194735_20220930T194858_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_20220930T200912_20220930T201239_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_20220930T202854_20220930T203111_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_20220930T211604_20220930T211749_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_20220930T220508_20220930T220615_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_20220930T220909_20220930T221015_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_20220930T225427_20220930T225604_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_20220930T234714_20220930T234930_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_20220930T003952_20220930T004652_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_20220930T005109_20220930T005126_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_20220930T010142_20220930T010844_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_20220930T020426_20220930T020455_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_20220930T021815_20220930T022326_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_20220930T022401_20220930T022541_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_20220930T023228_20220930T023241_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_20220930T030121_20220930T030410_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_20220930T035550_20220930T040338_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_20220930T045446_20220930T045735_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_20220930T053243_20220930T053309_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_20220930T053421_20220930T054152_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_20220930T055102_20220930T055251_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_20220930T055409_20220930T055549_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_20220930T061744_20220930T062314_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_20220930T071316_20220930T071953_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_20220930T071953_20220930T072117_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_20220930T072624_20220930T072854_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_20220930T073115_20220930T073324_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_20220930T081216_20220930T081558_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_20220930T085140_20220930T085200_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_20220930T085211_20220930T085853_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_20220930T085853_20220930T090205_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_20220930T090324_20220930T091356_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_20220930T093637_20220930T094335_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_20220930T095347_20220930T095548_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_20220930T103124_20220930T103743_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_20220930T110134_20220930T110324_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_20220930T111739_20220930T111958_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_20220930T121347_20220930T121804_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_20220930T131310_20220930T131440_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_20220930T133202_20220930T133512_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_20220930T135152_20220930T135719_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_20220930T141156_20220930T141225_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_20220930T153237_20220930T153737_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_20220930T161703_20220930T162001_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_20220930T171118_20220930T171938_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_20220930T175512_20220930T175951_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_20220930T181002_20220930T181249_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_20220930T184329_20220930T184613_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_20220930T185034_20220930T185832_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_20220930T193524_20220930T193858_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_20220930T194858_20220930T195302_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_20220930T202803_20220930T202853_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_20220930T203111_20220930T203828_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_20220930T211410_20220930T211604_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_20220930T212743_20220930T213151_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

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

Number of products with errors:

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20 Hz)

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

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

Number of products with errors: 57

L2 Retracking Flags (20 Hz PLRM)

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

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

Number of products with errors: 13

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

6.1 P2P Product Format Check

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

Number of products with errors:

6.2 P2P Product Header Analysis

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

Number of products with errors:

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

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

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

Number of products with errors:

30

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20220929T235203_20220930T004141_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
CS_OFFL_SIR_GOP_2_20220930T004141_20220930T013118_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_20220930T013118_20220930T022056_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_20220930T022056_20220930T031033_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_20220930T031033_20220930T040011_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_20220930T040011_20220930T044948_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_20220930T044948_20220930T053926_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_20220930T053926_20220930T062903_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_20220930T062903_20220930T071840_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_20220930T071840_20220930T080817_C001	Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20220930T080817_20220930T085755_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20220930T085755_20220930T094732_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_20220930T094732_20220930T103710_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_20220930T103710_20220930T112646_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_20220930T112646_20220930T121624_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_20220930T121624_20220930T130601_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_20220930T130601_20220930T135539_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_20220930T135539_20220930T144516_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20220930T144516_20220930T153454_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_20220930T153454_20220930T162431_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_20220930T162431_20220930T171409_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_20220930T171409_20220930T180345_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_20220930T180345_20220930T185323_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_20220930T185323_20220930T194300_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_20220930T194300_20220930T203238_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_20220930T203238_20220930T212215_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_20220930T212215_20220930T221153_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_20220930T221153_20220930T230129_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_220220930T230129_20220930T235107_C001	1,77	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_220220930T235107_20221001T004044_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

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20220929T235203_20220930T004141_C002	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_220220930T013118_20220930T022056_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20 Hz)

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

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

Number of products with errors:

P2P Quality Flags (20 Hz PLRM)

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

Number of products with errors:

P2P Quality Flags (1 Hz & 1 Hz PLRM)

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

Number of products with errors: 3

6.8 P2P Ocean Retracking Quality Check

P2P Retracking Flags (20 Hz)

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

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

lumber 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.

Number of products with errors: 3