

QA4EO Daily Report for GOP data:

<u>09/02/2023</u>

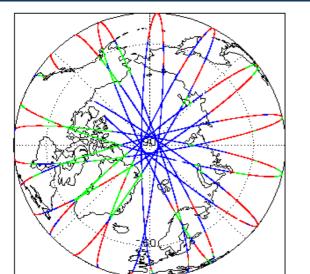
IDEAS-QA4E0

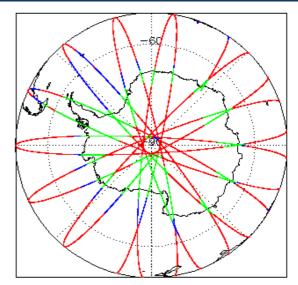
an art Draduation.	10 Mar 2000	Check	L1 & L2	P2P
Report Production: 10-Mar-2023		Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Tocessor Used:	CryoSal Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	Nominal
L1B, L2 & P2P Science Data		Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
We would	love to hear from you!	Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
	your feedback about these daily	Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
	do you like/ dislike? What quality	Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
information do you	need? Send your feedback to	Ocean Retracking Quality Check	See Section 5.7	See Section 6.7
cs2_qc_team@telespazio.com		QCC Error/ Warning Check	See Section 7.1 and 7.2	See Section 7.1, 7.2 and 7.

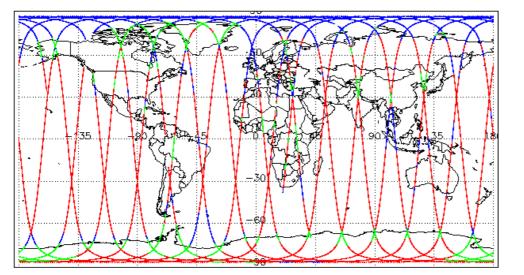
1. Overview

	Mission / Instrument News			
08-Feb-2023 None				
09-Feb-2023		None		
	10-Feb-2023	Nothing planned		

2. Global Coverage











3. Instrument Configuration

SIRAL instrument(s) in use:

SIRAL - A

0

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

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 incor	nsistencies and/or errors raised by the ground-segment processing chain.
		ause the l1b_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: 0		
4.3 L1B Auxilary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with respect to a pre-	determined baseline and also to	check the validity of Auxiliary Data Files is correct.
Number of products with errors: 0		
4411P Auxiliany Correction Error Chook		
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 indicate	s any problems when set.
Number of products with errors: 0		
4.5 L1B Measurement Confidence Data Check		
CryoSat L1B data includes a measurement confidence flag for each measurement	ent record. The bit value of this fla	ag indicates any problems when set.
Attitude Correction Missing: This flag is currently set in error for GOPR produ	cts due to a configuration issue.	This is being investigated and will be updated in the next SW update.
Number of products with errors: 2		
Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20230209T084632_20230209T091504_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20230209T140629_20230209T141203_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
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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 indicate	s any problems when set.
Loss of Echo Flag: This flag is currently set for some products over land, but the	his is to be expected.	
Number of products with errors: 19		
Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20230209T040006_20230209T041307_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20230209T112809_20230209T113356_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20230209T220028_20230209T222841_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20230209T033551_20230209T034003_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20230209T051743_20230209T052014_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20230209T065408_20230209T065629_C001 CS_OFFL_SIR_GOPN1B_20230209T113449_20230209T113647_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20230209T150547_20230209T150704_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20230209T160039_20230209T160222_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20230209T164031_20230209T164429_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20230209T164449_20230209T164617_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20230209T182055_20230209T182509_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20230209T213143_20230209T213340_C001 CS_OFFL_SIR_GOPR1B_20230209T052225_20230209T052511_C001	Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
	Loss of Echo	
5. GO	P Level 2 Data Qua	lity Check
5.1 L2 Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to er	sure it consists of both an XML	peader file (HDR) and a NetCDE product file (nc)
Number of products with errors: 0		
5.2 L2 Product Header Analysis		
For all products, a series of pre-defined checks are performed on the MPH and	SPH in order to identify any incor	nsistencies and/or errors raised by the ground-segment processing chain.
Number of products with errors: 0		
5.3 L2 Auxiliary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with respect to a pre-	determined baseline and also to	check the validity of Auxiliary Data Files is correct.
Number of products with errors: 0		
5.4 L2 Auxiliary Correction Error Check		
For all products, the auxiliary corrections within the Geophysical Group are chec		2/6/). ected, 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		
> ECMWF Meteo Corrections: Currently the following corrections are not comp Correction and the U-Wind and V-Wind components of the ECMWF model wind not reported in the table below.		Dry Tropospheric Corection, Wet Tropospheric Correction, Inverse Barometric r (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 p	products over sea ice, but this is	to be expected.
> Altimetric Wind Speed Error: The error value is currently set for products ov	ver land and sea ice, but this is to	be expected.
Number of products with errors: 59		
Product	Test Failed	Description

CS_OFFL_SIR_GOPM_2_20230209T082449_20230209T082507_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_20230209T005911_20230209T010037_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T010548_20230209T010851_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_20230209T023933_20230209T024233_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_20230209T024451_20230209T025009_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T033551_20230209T034003_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_20230209T041928_20230209T042203_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T051444_20230209T051558_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20230209T051743_20230209T052014_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (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_20230209T055431_20230209T060028_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_20230209T065408_20230209T065629_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20230209T065700_20230209T065849_C001	Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOPN_2_20230209T073646_20230209T073837_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T083347_20230209T083825_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_20230209T091626_20230209T091803_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_20230209T105616_20230209T110003_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20230209T113449_20230209T113647_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_20230209T123552_20230209T123908_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T124420_20230209T124543_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_20230209T132648_20230209T132735_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T142330_20230209T142437_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T150547_20230209T150704_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T164031_20230209T164429_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_20230209T164449_20230209T164617_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T173902_20230209T174517_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T182055_20230209T182509_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T191820_20230209T192142_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_20230209T195941_20230209T200331_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T205924_20230209T210038_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_20230209T213143_20230209T213340_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_20230209T223829_20230209T223949_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_20230209T231624_20230209T231747_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records

	1	
CS_OFFL_SIR_GOPN_2_20230209T233707_20230209T233725_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_20230209T000951_20230209T001643_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T001643_20230209T001953_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T014828_20230209T015543_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T015543_20230209T015811_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T033013_20230209T033438_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and tidal corrections for one or more records
CS_OFFL_SIR_GOPR_2_20230209T033438_20230209T033551_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T050812_20230209T051309_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T051309_20230209T051444_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T062455_20230209T063018_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_20230209T064758_20230209T065408_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T082932_20230209T083346_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T100346_20230209T101431_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T114711_20230209T115517_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T131911_20230209T132359_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_20230209T132735_20230209T133801_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T150705_20230209T151431_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T164617_20230209T165138_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T182509_20230209T182604_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T182604_20230209T183216_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T200332_20230209T200849_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T214025_20230209T214922_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T231953_20230209T232616_C001	Mean Sea Surface (1), Mean Dynamic Topography (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.

Numb	per of	f products	s with	errors:	

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20230209T084632_20230209T091504_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_20230209T140629_20230209T141203_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.

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> OCOG Altimeter Range and Backscatter Quality Flags: These flags are currently set for some records over continental ice.

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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20230208T233210_20230209T000556_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
	0	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

02.011_31L_00014_2_R222201111031_2002201111032_0001 D002 Minuse Resp. Calls, Call Minuse Resp. Call Minuse Resp. Calls, Call Minuse Resp. Calls, Call Minuse Resp. Call Minus	CS_OFFL_SIR_GOPM_2_20230209T004400_20230209T005911_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
Gir HE, BR GORM 2 202020970107 02220209710481 000 ext BC COO Americ Frage and Backeter Cubry Frage have been Affinish Frage on the COO Americ Frage and Backeter Cubry Frage have been Affinish Frage on the Coor America Frage and Backeter Cubry Frage have been Affinish Frage Cubry	CS_OFFL_SIR_GOPM_2_20230209T010037_20230209T010548_C001	0 1	
CL, OFTL, SRL QOVM, 2. 2022000170 SRL 20200201710510. 2001 are Ebsected for Quinty, SNL 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001, 2001	CS_OFFL_SIR_GOPM_2_20230209T011107_20230209T013403_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Ch. (PHL J.R.).0074_2.1233233711641_0233237116451_0233 and the device the Unity Control Ch. (PHL J.R.).0074_2.12332337116451_0233237116451_0201 Control Minuter Regs. 558, NWL and Buscharth Calling Control Ch. (PHL J.R.).0074_2.12332337116451_0233237116451_0201 Control Minuter Regs. 558, NWL and Buscharth Calling Control Ch. (PHL J.R.).0074_2.12332337116451_0233237116451_0201 Control Minuter Regs. 558, NWL and Buscharth Calling Control Ch. (PHL J.R.).0074_2.12332337116451_0201 Control Minuter Regs. 558, NWL and Buscharth Calling Fegs having the Status of the	CS_OFFL_SIR_GOPM_2_20230209T013518_20230209T014613_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CK, DAFL, SIR, GOPM, J., 20020001100001, 20020001100001, 20020001100001, 2001 minist Education Luality, CCCI. CK, DAFL, SIR, GOPM, J., 20020001101001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 200200001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 200200001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 20020001100001, 200200001100000, 20020000000000	CS_OFFL_SIR_GOPM_2_20230209T015811_20230209T015824_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_0FRL_SR_GOPU_2_00000010182_00000010182_0000010182_0000010182_000001182_000001 Inter Basecater Cullin, OCC6 Inter Basecater Cullin, OCC6 CB_0FRL_SR_GOPU_2_00000100450_00000100450_00001 DOOD Allineter Regins Databaseter Cullin, OCC6 The OCC6 Alterneter Regins Databaseter Cullin, OCC6 CB_0FRL_SR_GOPU_2_0000000100450_000000 Does Alternet Regins Databaseter Cullin, OCC6 The OCC6 Alterneter Regins, DBLA, SMI tere Regins, SMI, SMI tere Regins, DBLA, SMI tere Regins, DB	CS_OFFL_SIR_GOPM_2_20230209T015950_20230209T020011_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_DFFL_SR_COPM_2_20220207104255_02202207104257_C001 Bescentr Cuality strang cross record CS_OFFL_SR_COPM_2_20220207104255_02202207104257_C001 Deen Atmeter Rang, SSH, SWH and Bescentr Cuality The Coen Atmeter Rang, SSH, SWH and Bescentr Cuality The Coen Atmeter Rang, SSH, SWH and Bescentr Cuality CS_OFFL_SR_COPM_2_20220207104255_02202207104255_02202207104255_02202207104255_02202207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_02202007104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104255_0220207104555_0220207104555_0202055 CS_OFFL_SR_GOPM_2_202202007104255_022020710515220_02001 Deen Atmeter Range Cuality, Coenter Range Cuality, Coenter Range Cuality, Coenter Range Cuality, Coenter Range Cualit	CS_OFFL_SIR_GOPM_2_20230209T021552_20230209T023817_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_00202091702515_00202091702517_0001 Minister Range and Baskasatian Coulty Naga Transient Coulty Flags have been with or one necess CS_OFFL_SIR_GOPM_2_00202091704004_00202091704004_00202091704005_002001 CS_OFFL_SIR_GOPM_2_00202091704004_00202091704000_002001 CS_OFFL_SIR_GOPM_2_00202091704006_00202091704000_00200 CS_OFFL_SIR_GOPM_2_00202091704006_00202091704000_00200 CS_OFFL_SIR_GOPM_2_00202091704006_00202091704000_0020 CS_OFFL_SIR_GOPM_2_00202091704006_00202091704000_0020 CS_OFFL_SIR_GOPM_2_00202091704006_00202091704000_0001 CS_OFFL_SIR_GOPM_2_00202091704006_00202091704000_0001 CS_OFFL_SIR_GOPM_2_00202091704000_0001 CS_OFFL_SIR_GOPM_2_00202091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_00202091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001742_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001742_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001742_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001742_0001 CS_OFFL_SIR_GOPM_2_002020091704000_0001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_0002091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001742_0001 CS_OFFL_SIR_GOPM_2_002020091705034_00001 CS_OFFL_SIR_GOPM_2_002020091705034_00001 CS_OFFL_SIR_GOPM_2_002020091705034_00001 CS_OFFL_SIR	CS_OFFL_SIR_GOPM_2_20230209T024233_20230209T024451_C001		
CSL_DFL_SIR_COPM_2_20230200704006_20220200704007 and Backacater Quality Fage have been Affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range SNA, SWH and Backacater Quality Fage have been affiniter Range and Backacater Q	CS_OFFL_SIR_GOPM_2_20230209T025135_20230209T032157_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_B2220209T042065_02230209T042560_001 and Backscatter Quality COCG and the COCC Altimeter Range and Backscatter Quality Flags have been set for one or noor records CS_OFFL_SIR_GOPM_2_B2220209T042560_00230209T042560_001 Occen Attimeter Range, SAL, SVH and Backscatter Quality COCG Backscatter Quality COCG Altimeter Range and Backscatter Quality Flags have been set for one or noor records CS_OFFL_SIR_GOPM_2_B2220209T044265_0001 Occen Attimeter Range, SAL, SVH and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or noor records CS_OFFL_SIR_GOPM_2_B2220209T044265_0223029T044265_0001 Occen Attimeter Range, SSH, SVH and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or noor records CS_OFFL_SIR_GOPM_2_B2202009T044265_0223029T044265_0223029T045749_COCI OCCI Attimeter Range Quality, COCG Backscatter Quality, COCG CS_OFFL_SIR_GOPM_2_B2202009T054254_0223029T054749_COCI OCCI Attimeter Range Backscatter Quality Flags have been set for one or noor records CS_OFFL_SIR_GOPM_2_B220209T052745_0223029T052745_0203029T052745_0001 OCCI Attimeter Range, SSH, SVH and Backscatter Quality, COCG Backscatter Quality, COCG Altimeter Range and Backscatter Quality, Flags have been set for one or noor records CS_OFFL_SIR_GOPM_2_B2202209T052511_20230290T052745_0001 OCCI Attimeter Range, SSH, SVH and Backscatter Quality, Flags have been set for one or noor records CS_OFFL_SIR_GOPM_2_B2022029T052511_20230290T052545_0001 OCCI Attimeter Range, SSH, SVH and Backscatter Quality, Flags hav	CS_OFFL_SIR_GOPM_2_20230209T034044_20230209T035937_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Co. DFIL_SIR_GOPM_2_2023029704305_20230297044525_0001 Backscatter Quality tor one or more records tor one or more records Co. DFIL_SIR_GOPM_2_20230297044525_00230297044525_0001 Coent Aftimeter Range, SBHA, SWH and Backscatter Quality Flags have been at for one or more records Co. DFIL_SIR_GOPM_2_20230297044525_20230297045749_C001 Coent Aftimeter Range, SBHA, SWH and Backscatter Quality Flags have been at for one or more records The Occos Aftimeter Range and Backscatter Quality Flags have been at for one or more records The OCOS Aftimeter Range and Backscatter Quality Flags have been at for one or more records The OCOS Aftimeter Range and Backscatter Quality Flags have been at for one or more records The OCOS Aftimeter Range and Backscatter Quality Flags have been at for one or more records The OCOS Aftimeter Range and Backscatter Quality Flags have been at for one or more records The OCOS Aftimeter Range and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_GOPM_2_202302097051568_202302097053708_C001 Coent Aftimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_GOPM_2_202302097052511_202302097053708_C001 Coent Aftimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_GOPM_2_202302097052511_2023020970502706_C001 Coent Aftimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_GOPM_2_202302097052511_2023020970502706_C001 Coent Aftimeter Range Quality, OCOG Aftimeter Range and Backscatter Quality Flags have been ast or one or more records CS_OFFL_SIR_GOPM_2_202302097050250_C001 Coent Aftimeter Range Quality, OCOG	CS_OFFL_SIR_GOPM_2_20230209T040006_20230209T041307_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS. OFFL_SIR_GOPM 2. 20230209T044035. 20230209T044625. 2001 and Backscatter Quality Plags have been adhesized tor oreor more records and Backscatter Quality Plags have been adhesized tor oreor more records CS. OFFL_SIR_GOPM 2. 20230209T044828. 20230209T045749. C001 Coean Altimeter Range and Backscatter Quality Plags have been adhesized tor one or more records The Ocean Altimeter Range and Backscatter Quality Plags have been adhesized tor one or more records CS. OFFL_SIR_GOPM 2. 20230209T051568. 20230209T051742. C001 COEan Altimeter Range Quality. COCG Altimeter Range and Backscatter Quality Plags have been adhesized tor Quality Plags have been ad	CS_OFFL_SIR_GOPM_2_20230209T042536_20230209T042903_C001		
CS_OFFL_SIR_GOPM_2_20230209T044828_20230209T045749_C001 and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the cone or more records CS_OFFL_SIR_GOPM_2_20230209T051058_20230209T051742_C001 CCG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the COG Altimeter Range and Backscatter Quality Flags have been at the cone or more records CS_OFFL_SIR_GOPM_2_20230209T06028_20230209T060384_C001 CCG Altimeter Range Quality, CCGG The OCGG Altimeter Range and Backscatter Quality Flags have been at the cone or more records CS_OFFL_SIR_GOPM_2_20230209T060383_20230209T060384_C001 CCGG Altimeter Range Quality, CCGG The OCGG Altimeter Range and Backscatter Quality Flags have been at the cone or more records CS_OFFL_SIR_GOPM_2_20230209T061003_20230209T062455_C001 CCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at the cone or more records CS_OFFL_SIR_GOPM_2_20230209T061003_20230209T062455_C001 CCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at	CS_OFFL_SIR_GOPM_2_20230209T043035_20230209T044625_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_DFFL_SIR_GOPM_2_20230291052945_20230291052225_C001 Backscatter Quality The Ocean Altimeter Range SSHA, SWH and Backscatter Quality Flags have been and the OCGO Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230291052951_20230291052951_20230291052950_2001 Cean Altimeter Range And Backscatter Quality Flags have been and the OCGO Altimeter Range and Backscatter Quality Flags have been and the OCGO Altimeter Range and Backscatter Quality Flags have been and the OCGO Altimeter Range and Backscatter Quality Flags have been and the OCGO Altimeter Range and Backscatter Quality Flags have been and the OCGO Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230291060028_202302910600324_C001 COCG Altimeter Range Quality, OCGO Backscatter Quality Flags have been set for one or more records The OCGO Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_2023029106033_02030291060354_C001 COCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_2023029106033_02030291062455_C001 COCGA Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202302091063345_02302091062455_C001 COCGA Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202302091063345_02302091063345_C02302091063456_C001 COCGA Altimeter Range Quality, CCCG Altimeter Range and Backscatte	CS_OFFL_SIR_GOPM_2_20230209T044828_20230209T045749_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20230209T052045_20230209T052255_C001 and Backscatter Quality, COCG and the OCCG Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and the OCCG Altimeter Range	CS_OFFL_SIR_GOPM_2_20230209T051558_20230209T051742_C001		
CS_OFFL_SIR_GOPM_2_20230209T052511_20230209T053708_C001 and Backscatter Quality and the CCCQ Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20230209T060028_20230209T0600324_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_20230209T060033_20230209T060035_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_20230209T061003_20230209T060455_C001 OCCean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T063345_20230209T063456_C001 OCCGA 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_20230209T070326_20230209T070915_C001 OCCean Altimeter Range Quality, OCOG Backscatter Quality Flags have been altimeter Range Backscatter Quality Flags have been altimeter Range Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T070387_20230209T070915_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T071159_20230209T073837_20230209T074915_20230209T074915_20230209T074915_20230209T074915_20230209T074915_20230209T074915_20230209T07	CS_OFFL_SIR_GOPM_2_20230209T052045_20230209T052225_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20230209T060333_20230209T060805_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20230209T061003_20230209T062455_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality 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_20230209T063345_20230209T063455_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality Flags have been set Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality, COCG Backscatter Quality, SSHA, SWH and Backscatter Quality, COCG Attimeter Range, SSHA, SWH and Backscatter Quality, COCG Attimeter Range, SSHA, SWH and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T070326_20230209T070915_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Attimeter Range and Backscatter Quality Flags have been attimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T071159_20230209T0703613_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Attimeter Range and Backscatter Quality Flags have been set for one or more records The OCean Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T073837_20230209T074706_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set <b< td=""><td>CS_OFFL_SIR_GOPM_2_20230209T052511_20230209T053708_C001</td><td>and Backscatter Quality, OCOG</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></b<>	CS_OFFL_SIR_GOPM_2_20230209T052511_20230209T053708_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20230209T060033_20230209T060005_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20230209T061003_20230209T062455_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T063345_20230209T063456_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T070326_20230209T070915_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T070326_20230209T070915_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T070326_20230209T070915_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been atter and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been atter and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T071159_20230209T074706_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T074915_20230209T074706_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GO	CS_OFFL_SIR_GOPM_2_20230209T060028_20230209T060324_C001		
CS_OFFL_SIR_GOPM_2_20230209T061003_20230209T062455_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T063345_20230209T063345_20230209T063456_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_20230209T063345_20230209T070915_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 have been 	CS_OFFL_SIR_GOPM_2_20230209T060333_20230209T060805_C001		
CS_OFFL_SIR_GOPM_2_202302091063345_202302091063455_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_202302091070326_202302091070915_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been 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_20230209T073837_20230209T074706_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCean Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T074915_20230209T081513_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T074915_20230209T081513_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPM_2_20230209T061003_20230209T062455_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
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CS_OFFL_SIR_GOPM_2_20230209T071159_20230209T073613_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T073837_20230209T074706_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_20230209T074915_20230209T074706_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T074915_20230209T081513_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T074915_20230209T091504_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPM_2_20230209T070326_20230209T070915_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20230209T073937_20230209T074706_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20230209T074915_20230209T081513_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T084632_20230209T091504_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Ran	CS_OFFL_SIR_GOPM_2_20230209T071159_20230209T073613_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20230209T074915_20230209T081513_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230209T084632_20230209T091504_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags	CS_OFFL_SIR_GOPM_2_20230209T073837_20230209T074706_C001		
CS_OFFL_SIR_GOPM_2_20230209T084632_20230209T091504_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPM_2_20230209T074915_20230209T081513_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20230209T084632_20230209T091504_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_GOPM_2_20230209T100118_20230209T100346_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T102125_20230209T105411_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T110706_20230209T11132B_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have for one or more records The OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T115900_20230209T123346_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have for one or more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The OCean Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T124602_20230209T130544_C001 Ocean Altimeter Range, SSHA, SWH and	Flags e been Flags e been een set Flags
CS_OFFL_SIR_GOPM_2_20230209T102125_20230209T105411_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality set for one or more records CS_OFFL_SIR_GOPM_2_20230209T110706_20230209T111328_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality set for one or more records CS_OFFL_SIR_GOPM_2_20230209T111833_20230209T112239_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH The Ocean Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T115900_20230209T1123346_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T1123908_20230209T124420_C001 Ocean Altimeter Range Quality, OCOG Backscatter Quality The OCean Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T124602_20230209T130544_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T130641_20230209T130544_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backsccatter Quality, OCOG The OCean Altimete	Flags e been een set Flags
CS_OFFL_SIR_GOPM_2_20230209T110706_20230209T111328_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality and the OCOG Attimeter Range and Backscatter Quality Flags have set for one or more records CS_OFFL_SIR_GOPM_2_20230209T111833_20230209T112239_C001 CCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T115900_20230209T1123346_C001 Ccean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have for one or more records The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T123908_20230209T124420_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T123908_20230209T124420_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPM_2_20230209T130641_20230209T130544_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	e been een set Flags
CS_OFFL_SIR_GOPM_2_20230209T11833_20230209T112239_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20230209T115900_20230209T123346_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T123908_20230209T124420_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T124602_20230209T124420_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T124602_20230209T130544_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records CS_OFFL_SIR_GOPM_2_20230209T130841_20230209T131440_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records	Flags
CS_OFFL_SIR_GOPM_2_20230209T115900_20230209T123346_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20230209T123908_20230209T124420_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have for one or more records CS_OFFL_SIR_GOPM_2_20230209T124602_20230209T124602_20230209T130544_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20230209T124602_20230209T130544_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records CS_OFFL_SIR_GOPM_2_20230209T130841_20230209T131440_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records	
CS_OFFL_SIR_GOPM_2_20230209T123908_20230209T124420_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20230209T124602_20230209T130544_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags has to for one or more records CS_OFFL_SIR_GOPM_2_20230209T130841_20230209T131440_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range and Backscatter Quality Flags has the OCOG Altimeter Range Altimeter Range Altimeter Ran	
CS_OFFL_SIR_GOPM_2_20230209T124602_20230209T130544_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has been for one or more records CS_OFFL_SIR_GOPM_2_20230209T130841_20230209T131440_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags has been for one or more records	en set
CS_OFFL_SIR_GOPM_2_20230209T130841_20230209T131440_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has	
primitical statige and backstatter quality per tot 016 01 11016 1600105	
CS_OFFL_SIR_GOPM_2_20230209T133801_20230209T140618_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags has been been been been been been been bee	
CS_OFFL_SIR_GOPM_2_20230209T140629_20230209T141203_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has been for one or more records	
CS_OFFL_SIR_GOPM_2_20230209T141710_20230209T141909_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have for one or more records	en set
CS_OFFL_SIR_GOPM_2_20230209T141915_20230209T142330_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have for one or more records	en set
CS_OFFL_SIR_GOPM_2_20230209T142528_20230209T145258_C001 Ccean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has been been been been been been been bee	
CS_OFFL_SIR_GOPM_2_20230209T145429_20230209T150127_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has been for one or more records	
CS_OFFL_SIR_GOPM_2_20230209T151517_20230209T151547_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have for one or more records	en set
CS_OFFL_SIR_GOPM_2_20230209T151922_20230209T152017_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags has been been been been been been been bee	
CS_OFFL_SIR_GOPM_2_20230209T152107_20230209T153010_C001 Coean Attimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has been been been been been been been bee	
CS_OFFL_SIR_GOPM_2_20230209T153326_20230209T153539_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has been been been been been been been bee	
CS_OFFL_SIR_GOPM_2_20230209T153551_20230209T154253_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has been been been been been been been bee	
CS_OFFL_SIR_GOPM_2_20230209T154409_20230209T155116_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has been been been been been been been bee	
CS_OFFL_SIR_GOPM_2_20230209T155247_20230209T155809_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have for one or more records	en set
CS_OFFL_SIR_GOPM_2_20230209T155815_20230209T155821_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have for one or more records	en set
CS_OFFL_SIR_GOPM_2_20230209T155827_20230209T160038_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have for one or more records	en set
CS_OFFL_SIR_GOPM_2_20230209T160919_20230209T161954_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has been been been been been been been bee	
CS_OFFL_SIR_GOPM_2_20230209T162322_20230209T163214_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the ocean Altimeter Range and Backscatter Quality flags has the	

CS_OFFL_SIR_GOPM_2_20230209T163341_20230209T163543_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_20230209T163728_20230209T164018_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_20230209T170240_20230209T171245_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_20230209T171448_20230209T171728_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_20230209T172321_20230209T173017_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_20230209T173214_20230209T173709_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_20230209T174517_20230209T174916_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_20230209T180313_20230209T181225_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_20230209T185332_20230209T190931_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_20230209T191154_20230209T191638_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_20230209T192222_20230209T194951_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_20230209T202253_20230209T204918_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_20230209T205142_20230209T205539_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_20230209T210145_20230209T212923_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_20230209T215805_20230209T220022_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_20230209T220028_20230209T222841_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_20230209T223009_20230209T223453_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_20230209T223458_20230209T223829_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_20230209T224106_20230209T231623_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_20230209T233841_20230209T233906_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T000635_20230209T000950_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T114155_20230209T114317_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T115517_20230209T115640_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T150547_20230209T150704_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T200849_20230209T200914_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T213143_20230209T213340_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality set for one or more records

L2 Quality Flags (20 Hz PLRM)

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

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

> OCOG Altimeter Range and Backscatter PLRM Quality Flags: These flags are currently set for occasional records over continental ice.

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20230209T000635_20230209T000950_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 beer set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T002040_20230209T002130_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one of more records
CS_OFFL_SIR_GOPN_2_20230209T002659_20230209T002710_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one on more records
CS_OFFL_SIR_GOPN_2_20230209T003618_20230209T003802_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one on more records
CS_OFFL_SIR_GOPN_2_20230209T005911_20230209T010037_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one on more records
CS_OFFL_SIR_GOPN_2_20230209T021507_20230209T021552_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one on more records
CS_OFFL_SIR_GOPN_2_20230209T024451_20230209T025009_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 beer set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T032918_20230209T033013_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 beer set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T033551_20230209T034003_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one on more records
CS_OFFL_SIR_GOPN_2_20230209T041928_20230209T042203_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 beer set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T042400_20230209T042536_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one on more records
CS_OFFL_SIR_GOPN_2_20230209T045750_20230209T050125_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one on more records
CS_OFFL_SIR_GOPN_2_20230209T051743_20230209T052014_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
SS_OFFL_SIR_GOPN_2_20230209T053708_20230209T054108_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one more records
CS_OFFL_SIR_GOPN_2_20230209T060805_20230209T060949_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_20230209T065700_20230209T065849_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
S_OFFL_SIR_GOPN_2_20230209T070203_20230209T070326_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_20230209T081513_20230209T081853_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one more records
CS_OFFL_SIR_GOPN_2_20230209T083347_20230209T083825_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
S_OFFL_SIR_GOPN_2_20230209T092507_20230209T092757_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one of more records
S_OFFL_SIR_GOPN_2_20230209T105616_20230209T110003_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_20230209T110548_20230209T110702_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

Dec. PTL_SHIL_COM_CLASSISTIC TORUS_CLASSIST DOOD December 2011 Percent State CIR_CERT_SHIL_COM_CLASSISTIC TORUS_CLASSIST COOD December 2011 COOD December 2011 Coop December 2			
Control Description Description Description Description Description Control And Andreas Response Respon	CS_OFFL_SIR_GOPN_2_20230209T112239_20230209T112614_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS 0FFL SR 00PK 2 802289711448 202289711448 202289711487_0001 PM Machael Cally PMR, Och Cally P	CS_OFFL_SIR_GOPN_2_20230209T112630_20230209T112809_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
Control Binl Control 2 (2020)2011 101103 (2020)2011 101101 (2001) COCO Altister Range Cuality Files, The Coco Altister Range Cuality Files, The Coco Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)2011 101103 (2020)2011 10110 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)2011 10120 (2020)2011 10110 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)2011 10120 (2020)2011 10120 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)2011 10120 (2020)2011 10120 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)20011 10200 (2020)2011 10214 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)20011 10200 (2020)2011 10214 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)20011 10200 (2020)2011 10214 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)20011 10200 (2020)2011 10214 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)20011 10200 (2020)2011 10214 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)20011 10200 (2020)2011 10214 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)20011 10200 (2020)2011 10214 (2001) COCO Altister Range Cuality Files, There exceeds Cd, CFRL_SIR_GOPN_2_2020)20011 10201 (2000) COCO Altister Range Cuality Files, There exceeds Cdd	CS_OFFL_SIR_GOPN_2_20230209T113449_20230209T113647_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
De Diff. Sin Cohn 2 decaded 10001 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 10001 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514108 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514108 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514108 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514108 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514108 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514100 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514100 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514100 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514100 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514100 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 5141000 DOCK Rockstein Cality men monts CB OFFL SIR Cohn 2 decaded 514100000000000000000000000000000000000	CS_OFFL_SIR_GOPN_2_20230209T114155_20230209T114317_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
Count _ Shught _ Leasan Allower Hang, Count Count & Shught _ Leasan Allower Range, Shught _ Mark and Backacater Casily _ Hang Prove modes Cis_OFR_SH_GOPL_2_02220209114230_02220209114231_COUNT Count Allower Range, Shught _ Mark and Backacater Casily _ Hang The Count Allower Range, Shught _ Mark and Backacater Casily _ Hang Cis_OFR_SH_GOPL_2_0220209114230_0220209114231_COUNT COUCS Allower Range Casily _ Hang The COUCS Range and Backacater Casily _ Hang Cis_OFR_SH_GOPL_2_02202091112014002200111120140021 COUCS Allower Range Casily _ Hang The COUCS Range and Backacater Casily _ Hang Cis_OFR_SH_GOPL_2_02202091112014002200111120140021 COUCS Allower Range Casily _ Hang The COUCS Range and Backacater Casily _ Hang Cis_OFR_SH_GOPL_2_02202091112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101112014002200101120140022001011120140022001011120140022001011120140022001011201400220010112014002200101120140022001011120140022001011201400220010112014002200101120140022001012014002200101201400220010112014002200101120140022001011201400220010112014002200101120140022001012014002200101120140022001011201400220014001140000000000	CS_OFFL_SIR_GOPN_2_20230209T130544_20230209T130841_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFR_SIR_GOPN_2_202302007114303_20230200714439; 2001 Per Babacatter Chailly PERM in the best additional and response been and for one conditional and response been and for one conditionant and r	CS_OFFL_SIR_GOPN_2_20230209T141308_20230209T141710_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
Concern Algorithy Service Concernence and Con	CS_OFFL_SIR_GOPN_2_20230209T142330_20230209T142437_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_COPN_2_20230209T173000_2023029T173214_C001 COCG Baskscatter Cuality FLM, COCG Baskscatter Cuality FLM, COCG PLLM The Corean Alternet Range, SSHA, SWH and Backscatter Cuality Flggs and the COCG Alternet Range on Backscatter Cuality Flggs have been at to core a more records CS_OFFL_SIR_COPN_2_20230209T173000_20230209T173214_C001 Cocan Alternet Range, SSHA, SWH and Backscatter Cuality Flggs have been at to core a more records CS_OFFL_SIR_COPN_2_20230209T173000_20230209T178217_C001 Cocan Alternet Range, SSHA, SWH and Backscatter Cuality Flggs have been at to core a more records CS_OFFL_SIR_COPN_2_20230209T178205_0232029T182590_C001 COCGA Alternet Flange Cuality FLM. COCGB Backscatter Cuality The COCGI Alternet Flange and Backscatter Cuality Flags have been set for one core more records CS_OFFL_SIR_GOPN_2_20230209T196732_20230209T196565_C001 COCGA Alternet Flange Cuality FLM. COCGB Backscatter Cuality The COCGI Alternet Flange Cuality FLM. The COCGI Alternet Flange Cuality FLM. COCGB Backscatter Cuality The COCGI Alternet Flange Cuality FLM. The COCGI Alternet Flange Cuality FLM. COCGB Backscatter Cuality The COCGI Alternet Flange SHA, SWH and Backscatter Cuality Flags have been set for one croore records The COCGI Alternet Flange SHA, SWH and Backscatter	CS_OFFL_SIR_GOPN_2_20230209T164031_20230209T164429_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
GS_OFFL_SIR_GOPN_2_202302091173214_C001 Amount of Backstatter Cuality Flags North Statustater Cuality Flags North North Statustater Cuality Flags North Statustater Cuality Flag	CS_OFFL_SIR_GOPN_2_20230209T165914_20230209T170240_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
GS_OFFL_SIR_GOPN_2_202302097173902_202302097174517_C001 and Backscatter Quality FLM, COCG Althemetr Range and Backscatter Quality FLM, CS_OFFL_SIR_GOPN_2_202302097182055_202302097182565_0001 COCG Althemetr Range Quality PLFM, COCGG Backscatter Quality The OCOG Range and Backscatter Quality FLags have been set for one or more records CS_OFFL_SIR_GOPN_2_202302097182055_202302097195782_202302097195782_202302097195782_202302097195782_202302097195782_202302097195782_202302097195782_202302097195782_202302097195782_202302097195855_C001 COCGG Althemeter Range Quality PLFM, CCCGG Backscatter Quality The OCOG Range and Backscatter Quality FLags have been set for one or more records CS_OFFL_SIR_GOPN_2_202302097195782_202302097195782_202302097105782_00231_C001 COCGG Althemeter Range Quality PLFM, CCCGG Backscatter Quality The OCOG Range and Backscatter Quality FLags have been set for one or more records CS_OFFL_SIR_GOPN_2_202302097126572_00201 COCGG Althemeter Range Quality PLFM, Ind Backscatter Quality FLM, Marketer Konga and	CS_OFFL_SIR_GOPN_2_20230209T173030_20230209T173214_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20230209T195032_20230209T195655_C001 OCOG Backscatter Quality Immore records CS_OFFL_SIR_GOPN_2_20230209T195032_20230209T195655_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records CS_OFFL_SIR_GOPN_2_20230209T105041_20230209T20031_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records CS_OFFL_SIR_GOPN_2_20230209T201647_20230209T202015_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records CS_OFFL_SIR_GOPN_2_20230209T205924_20230209T205924_20230209T210038_C001 Ocog Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and backscatter Quality The OCOG Alimeter Range, SSHA, SWH and backscatter Quality Flags set for one or more records CS_OFFL_SIR_GOPR_2_20230209T005453_20230209T00555_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20230209T173902_20230209T174517_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
DS_OPEL_SIR_GOPN_2_20230209T195941_20230209T203331_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_GOPN_2_20230209T195941_20230209T203331_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records CS_OFFL_SIR_GOPN_2_20230209T201947_20230209T202015_C001 OCCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Plags and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Plags and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Plags and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T002556_C001 OCCG Atimeter Range SNA, SWH and Backscatter Quality Plags and Backscatter Quality Plags and Backscatter Quality Plags have been set for one or more records The Occoa Atimeter Range SNA, SWH and Backscatter Quality Plags and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T014654_20230209T014553_0.001 OCCG Atimeter Rang	CS_OFFL_SIR_GOPN_2_20230209T182055_20230209T182509_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
OS_OFFL_SIR_GOPN_2_20230209T201847_20230209T202015_C001 OCCG Backscatter Quality more records CS_OFFL_SIR_GOPN_2_20230209T201847_20230209T202015_C001 OCCG Attimeter Range Quality PLRM, OCCG Attimeter Range And Backscatter Quality The OCCG Attimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPN_2_20230209T205924_20230209T210038_C001 OCCG Attimeter Range And Backscatter Quality The OCCG Attimeter Range and Backscatter Quality CS_OFFL_SIR_GOPN_2_20230209T235525_C001 OCCG Attimeter Range Quality PLRM, OCCG Attimeter Range And Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one of more records CS_OFFL_SIR_GOPN_2_20230209T01643_20230209T001953_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality The OCCG Attimeter Range, SSHA	CS_OFFL_SIR_GOPN_2_20230209T195732_20230209T195855_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T025924_20230209T205924_20230209T210038_C001 CCCG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T235403_20230209T235525_C001 OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T001643_20230209T001953_C001 The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T001643_20230209T001953_C001 Ccean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T002153_20230209T002526_C001 Ccean Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T014654_20230209T014710_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T014654_20230209T014710_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T014654_20230209T014543_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T014654_20230209T015543_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags h	CS_OFFL_SIR_GOPN_2_20230209T195941_20230209T200331_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20230209T205924_20230209T21038_C001 and Backscatter Quality PLEM, COCG Altimeter Range and Backscatter Quality PLBM, COCG Altimeter Range and Backscatter Quality PLBM, CS_OFFL_SIR_GOPN_2_20230209T235403_20230209T235525_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, COCG Backscatter Quality PLBM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T001643_20230209T001953_C001 Cocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLBM, COCG Altimeter Range Quality PLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality PLBM, COCG Altimeter Range, QSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T014828_20230209T015543_C001 COCG Altimeter Range, SSHA, SWH and Backscatter Quality PLBM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter	CS_OFFL_SIR_GOPN_2_20230209T201847_20230209T202015_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T01643_20230209T01953_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_GOPR_2_20230209T001643_20230209T001953_C001 Decen Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range and Backscatter Quality FLRM, COCG Altimeter Range and Backscatter Quality FLRM, COCG Altimeter Range and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Backscatter Quality COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Qual	CS_OFFL_SIR_GOPN_2_20230209T205924_20230209T210038_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20230209T001643_20230209T001953_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T002153_20230209T002526_C001 Cean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T014654_20230209T014710_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records Cs_OFFL_SIR_GOPR_2_20230209T032817_20230209T032553_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quali	CS_OFFL_SIR_GOPN_2_20230209T235403_20230209T235525_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T002153_20230209T002526_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM ind Bockscatter Quality PLRM and Backscatter Quality and the OCOG Attimeter Range and Backscatter Quality PLRM ind Bockscatter Quality and the OCGG Attimeter Range and Backscatter Quality PLRM ind Bockscatter Quality and the OCGG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T014654_20230209T014710_C001 OCOG Attimeter 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_20230209T014828_20230209T015543_C001 OCOG Attimeter 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_20230209T023817_20230209T023933_C001 OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Backscatter Quali	CS_OFFL_SIR_GOPR_2_20230209T001643_20230209T001953_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20230209T014854_20230209T014710_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_GOPR_2_20230209T014828_20230209T015543_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_20230209T023817_20230209T023933_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPR_2_20230209T032157_20230209T032553_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_20230209T032157_20230209T032553_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_20230209T033013_20230209T033438_C001 OCean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPR_2_20230209T002153_20230209T002526_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_202302091014828_202302091015543_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_GOPR_2_202302091023817_202302091023933_C001 OCOG Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality The Ocean Attimeter Range, SSHA, SWH and the OCOG Attimeter Range and Backscatter Quality CS_OFFL_SIR_GOPR_2_202302091032157_202302091032553_C001 OCOG Attimeter 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_202302091032157_202302091032553_C001 OCOG Attimeter Range, SSHA, SWH, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_202302091033013_202302091033438_C001 OCean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPR_2_20230209T014654_20230209T014710_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T023817_20230209T023933_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM The OCean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range and Backscatter Quality Flags set for one or more records CS_OFFL_SIR_GOPR_2_20230209T032157_20230209T032553_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_20230209T032157_20230209T032553_C001 OCCOG Altimeter Range, SSHA, SWH OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T033013_20230209T033438_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPR_2_20230209T014828_20230209T015543_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T032157_20230209T032553_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_GOPR_2_20230209T033013_20230209T033438_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH 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_20230209T023817_20230209T023933_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20230209T033013_20230209T033438_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Plags and backscatter Quality Plags Altimeter Range and Backscatter Quality Plags	CS_OFFL_SIR_GOPR_2_20230209T032157_20230209T032553_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_GOPR_2_20230209T033013_20230209T033438_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20230209T034003_20230209T034044_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPR_2_20230209T034003_20230209T034044_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20230209T041307_20230209T041928_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality	CS_OFFL_SIR_GOPR_2_20230209T041307_20230209T041928_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

Control Simil Control 2 add/20201109805 Coll Coll Coll Backbaster Galary International Cirg, Simil, Son Pill, 2 add/20201109805 South 2 add/20201109818 (Son Pill) Coll Coll Backbaster Galary The Coll Bac			
CS OFFL SIR GOPR 2 00202031106812 2020000103180 CO1 de laboration Cuality FLAQ COCA information Cuality FLAQ CUALITY FLAQ COCA Cullification Cuality FLAQ CUALITY FLAQ COCA Cullification Cuality FLAQ CUALITY FLAQ COCA Cullification Cuality FLAQ CUALITY FLAQ information Cuality FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUALITY FLAQ CUAL	CS_OFFL_SIR_GOPR_2_20230209T044625_20230209T044827_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFTL_SIN_COPR_2_20202007105140_20202007105144_C001 and Basksceller Gualty FLRA_COOL ADD The Calcol Address and Calcol Addres	CS_OFFL_SIR_GOPR_2_20230209T050812_20230209T051309_C001	and Backscatter Quality PLRM, 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
COOG Backscatter Guary Coog Graduater Guary Coog G	CS_OFFL_SIR_GOPR_2_20230209T051309_20230209T051444_C001	and Backscatter Quality PLRM, 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
Open Lengt, SMP, CMP L, 2020000106/78_2020200106500_001 OCCO Bakestant Culty more records Dist, Comp, SM, SWH and Bakestatter Culty Fig. To Communication Culty Fig. To Communication Culty Fig. DS_OFFL_SIR_GOPR_2_2020000106578_2020200106579_0001 Communication Culty Fig. To Communication Culty Fig. OS_OFFL_SIR_GOPR_2_202000106529_0120200106579_0001 COMMUNICATION CULTURE Fig. Status Fig. OS_OFFL_SIR_GOPR_2_202000106529_0120200106529_0001 COMMUNICATION CULTURE Fig. Status Fig. OS_OFFL_SIR_GOPR_2_202000106529_0120200106529_0001 COCO Alimeter Fig. Status Fig. Status Fig. OS_OFFL_SIR_GOPR_2_202000106529_0120200106529_0001 COCO Alimeter Fig. Status Fig. Status Fig. Status Fig. OS_OFFL_SIR_GOPR_2_202000106529_0120200106529_0001 COCO Alimeter Fig. Status Fig. Status Fig. Status Fig. Status Fig. OS_OFFL_SIR_GOPR_2_2020000106529_012001 COCO Alimeter Fig. Status Fig. Status Fig. Status Fig. Status Fig. OS_OFFL_SIR_GOPR_2_2020000106559_012001 COCO Alimeter Fig. Status Fig.<	CS_OFFL_SIR_GOPR_2_20230209T052225_20230209T052511_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T16558_2023029T16558_2023029T16557_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16516_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T16558_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T165164_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T165164_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T165164_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T165151_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T165151_2023029T16517_001 DCS_OFFL_SIR_GOPR_2_2023029T11511_001 DCS_OFFL_SIR_GOPR_2_2023029T11511_001 DCS_OFFL_SIR_GOPR_2_2023029T116511_2023 DCS_OFFL_SIR_GOPR_2_2023029T116511_2001 DCS_OFFL_SIR_GOPR_2_2023029T1165151_2001 DCS_OFFL_SIR_GOPR_2_2023029T1	CS_OFFL_SIR_GOPR_2_20230209T055019_20230209T055100_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
GS_OFFL_SIR_COPR_2_20220209T08292 30220209T076203_CO01 Inter Backscatter Cuality PLEM. OCCOR Hardber Plange and Backscatter Cuality PLEM. OCCOR PLIM Inter Backscatter Cuality PLEM. OCCOR Hardber Plange and Backscatter Cuality PLEM. OCCOR Backscatter Cuality PLEM. CS_OFFL_SIR_GOPR_2_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_20220209T1109346_2022020209T1109346_2022020209T1109346_20220209T1109346_2022020	CS_OFFL_SIR_GOPR_2_20230209T064758_20230209T065408_C001	and Backscatter Quality PLRM, 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
Column 2, 2003/0011/2, 2003/00110222 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00110622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/00111622 / 2003/000111622 / 2003/000111622 / 2003/000111622 / 2003/000111622 / 2003/000111622 / 2003/000111622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/00011622 / 2003/0011622 / 2003/000116	CS_OFFL_SIR_GOPR_2_20230209T065939_20230209T070203_C001	and Backscatter Quality PLRM, 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
GS_OFFL_SIR_GOPR_2_20230209T091504_20230209T091506_0001 and Backscatter Quality PLM, OCOG The USE OCOG Allineter Fange and Backscatter Quality PLM, OCOG CS_OFFL_SIR_GOPR_2_20230209T109506_20230209T101431_C001 COGG Allineter Fange SHA, SWH and Backscatter Quality PLM, OCOG The OCOGG Allineter Fange SHA, SWH and Backscatter Quality FLM, OCOG CS_OFFL_SIR_GOPR_2_20230209T100346_20230209T101431_C001 COGG Allineter Fange SHA, SWH and Backscatter Quality FLM, OCOG The OCOGG Allineter Fange SSHA, SWH and Backscatter Quality FLM, OCOG CS_OFFL_SIR_GOPR_2_20230209T101431_C001 Common Allineter Fange SSHA, SWH and Backscatter Quality FLM, OCOG The OCOGG Allineter Fange SSHA, SWH and Backscatter Quality FLM, OCOG CS_OFFL_SIR_GOPR_2_20230209T114711_20230209T115517_C001 Common Allineter Fange SSHA, SWH and Backscatter Quality FLM, OCOG The OCOGG Allineter Fange SSHA, SWH and Backscatter Quality FLM, OCOG CS_OFFL_SIR_GOPR_2_20230209T131911_C001 OCGG Allineter Fange SSHA, SWH and Backscatter Quality FLM, OCOG The OCOGG Allineter Fange, SSHA, SWH and Backscatter Quality FLM, OCOG CS_OFFL_SIR_GOPR_2_20230209T1312735_20230209T131911_C001 OCGG Allineter Fange, SSHA, SWH and Backscatter Quality FLM, OCOG The OCGGA Allineter Fange, SSHA, SWH and Backscatter Quality FLM, OCOG CS_OFFL_SIR_GOPR_2_20230209T142735_20230209T151491_C001 OCGGA Allineter Fange, SSHA, SWH and Backscatter Quality FLM, OCOGA The OCGGA Allineter Fange and Backscatter Quality FLM, OCOGA CS_OFFL_SIR_GOPR_2_20230209T162322_01151491_C0	CS_OFFL_SIR_GOPR_2_20230209T082527_20230209T082750_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209110346_202302091101431_C001 OCCG Backscatter Cuality The Ocean Altimeter Range, SSHA, SWH and Backscatter Cuality Flag CS_OFFL_SIR_GOPR_2_20230209110346_202302091101431_C001 OCCG Backscatter Cuality The Ocean Altimeter Range, SSHA, SWH and Backscatter Cuality Flag CS_OFFL_SIR_GOPR_2_202302091114711_202302091115317_C001 OCCG Backscatter Cuality, Flag The Ocean Altimeter Range, SSHA, SWH and Backscatter Cuality Flag CS_OFFL_SIR_GOPR_2_202302091131807_202302091131911_C001 OCCG Balmeter Range, SSHA, SWH and Backscatter Cuality Flag The Ocean Altimeter Range, SSHA, SWH and Backscatter Cuality Flag CS_OFFL_SIR_GOPR_2_202302091131807_202302091131911_C001 OCCG Balmeter Range, SSHA, SWH and Backscatter Cuality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_202302091132735_202302091131911_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_202302091141203_202302091141308_C001 Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_202302091141203_202302091161431_C001 Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_202302091161431_C001 Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209116214_20302091161431_C001 Altimeter Range, SSHA, SWH and Backscatter	CS_OFFL_SIR_GOPR_2_20230209T091504_20230209T091626_C001	and Backscatter Quality PLRM, 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
GS_OFFL_SIR_GOPR_2_20230209T10346_20230209T10431_C001 and Backscatter Quality FLRM_CC02 Inter Counce of more records GS_OFFL_SIR_GOPR_2_20230209T114711_20230209T115517_C001 Coean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 GS_OFFL_SIR_GOPR_2_20230209T114711_20230209T115517_C001 COCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 GS_OFFL_SIR_GOPR_2_20230209T131807_20230209T131911_C001 COCG Backscatter Quality PLRM_CC02 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 GS_OFFL_SIR_GOPR_2_20230209T132735_20230209T133801_C001 Coean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 GS_OFFL_SIR_GOPR_2_20230209T141203_20230209T141308 Coean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 GS_OFFL_SIR_GOPR_2_20230209T1610505_20230209T161313_C001 Attimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 GS_OFFL_SIR_GOPR_2_20230209T160540_C001 Attimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM_CC02 GS_OFFL_SIR_GOPR_2_20230209T160540_C001 Attimeter Range, SSHA, SWH and Backsca	CS_OFFL_SIR_GOPR_2_20230209T095818_20230209T095907_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T114711_20230209T115517_C001 and Backscatter Quality PERM, QCG Intel DecGen Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T131807_20230209T131911_C001 OCCG Altimeter Range Quality PERM, OCG The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_GOPR_2_20230209T132735_0230209T133801_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_GOPR_2_20230209T141203_0230209T141308_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on error records The OCCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T141203_0230209T141308_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T160705_0230209T161431_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on or more records CS_OFFL_SIR_GOPR_2_20230209T160222_20230209T160540_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_GOPR_2_20230209T166138_C001 OCCean Altimeter Rang	CS_OFFL_SIR_GOPR_2_20230209T100346_20230209T101431_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T132735_20230209T133801_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_GOPR_2_20230209T132735_20230209T132801_C001 Ocean Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T141203_20230209T141308_C001 Decan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T141203_20230209T151431_C001 Decan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T160705_20230209T151431_C001 Decan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T160705_20230209T1616540_C001 Mineter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T160222_20230209T160540_C001 Mineter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T162144_20230209T162322_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T165138_C001 OCCan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T165205_20230209T165318_C001 OCCan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records	CS_OFFL_SIR_GOPR_2_20230209T114711_20230209T115517_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T132735_20230209T133801_C001 and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLRM, COCG CS_OFFL_SIR_GOPR_2_20230209T141203_20230209T141308_C001 Cean Altimeter Range and Backscatter Quality PLRM, COCG CS_OFFL_SIR_GOPR_2_20230209T141203_20230209T141308_C001 Cean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20230209T150705_20230209T151431_C001 Cean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20230209T160705_20230209T151431_C001 Cean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20230209T160222_20230209T160540_C001 Cean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20230209T160222_20230209T160540_C001 Cean Altimeter Range and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLRM, COCG The Ocean Altimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T160242_20230209T162342_C001 OCGG Altimeter Range Quality PLRM, COCG CS_OFFL_SIR_GOPR_2_20230209T164617_20230209T16538_C001 OCGG Altimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T164617_20230209T165318_C001 Cean Altimeter Range and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality Flags have be set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have be set	CS_OFFL_SIR_GOPR_2_20230209T131807_20230209T131911_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T141203_20230209T141308_C001 and Backscatter Quality PLRM, OCCG The Ocean Altimeter Range and Backscatter Quality Flag and the COCG Altimeter Range and Backscatter Quality Flag CS_OFFL_SIR_GOPR_2_20230209T150705_20230209T151431_C001 Altimeter Range and Backscatter Quality PLRM, OCCG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flag CS_OFFL_SIR_GOPR_2_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T150705_20230209T1507007_20230209T150705_20230209T150705_20230209T150705_20	CS_OFFL_SIR_GOPR_2_20230209T132735_20230209T133801_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T150705_20230209T151431_C001 and Backscatter Quality PLRM, COCG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality FLRM, OCOG Attimeter Range and Backscatter Quality FLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T160222_20230209T160222_20230209T160540_C001 OCOG Altimeter Range Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T162144_20230209T162322_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T164617_20230209T165138_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T165205_20230209T165314_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T173017_20230209T173030_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T173017_20230209T173030_C001 Ocean Attimeter	CS_OFFL_SIR_GOPR_2_20230209T141203_20230209T141308_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T160222_20230209T160540_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have be ast for one or more records CS_OFFL_SIR_GOPR_2_20230209T162144_20230209T162322_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_GOPR_2_20230209T164617_20230209T165138_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230209T165205_20230209T165314_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T165205_20230209T165314_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T173017_20230209T173030_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and	CS_OFFL_SIR_GOPR_2_20230209T150705_20230209T151431_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T162144_20230209T165138_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_GOPR_2_20230209T164617_20230209T165138_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T165205_20230209T165314_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG	CS_OFFL_SIR_GOPR_2_20230209T160222_20230209T160540_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T164617_20230209T165138_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T173017_20230209T173030_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 have be set for one or more records CS_OFFL_SIR_GOPR_2_20230209T173017_20230209T173030_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 have be set for one or more records	CS_OFFL_SIR_GOPR_2_20230209T162144_20230209T162322_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T165205_20230209T165314_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag set for one or more records CS_OFFL_SIR_GOPR_2_20230209T173017_20230209T173030_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality PLRM	CS_OFFL_SIR_GOPR_2_20230209T164617_20230209T165138_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T173017_20230209T173030_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM OCOG Altimeter Range Quality PLRM The OCOG Range and Backscatter Quality Flags have been set for one	CS_OFFL_SIR_GOPR_2_20230209T165205_20230209T165314_C001	and Backscatter Quality PLRM, 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 OFEL SUB CORP 3 20220200T1774016 20220200T1775129 COAL OCCOG Altimeter Range Quality PLRM, The OCCOG Range and Backscatter Quality Flags have been set for on	CS_OFFL_SIR_GOPR_2_20230209T173017_20230209T173030_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPR_2_20230209T174916_20230209T175128_C001 OCOG Backscatter Quality more records	CS_OFFL_SIR_GOPR_2_20230209T174916_20230209T175128_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_GOPR_2_20230209T181740_20230209T181954_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_GOPR_2_20230209T182509_20230209T182604_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_GOPR_2_20230209T182604_20230209T183216_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_GOPR_2_20230209T184551_20230209T184607_C001	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or more records

CS_OFFL_SIR_GOPR_2_20230209T184610_20230209T185332_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_20230209T194951_20230209T195122_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_20230209T200332_20230209T200849_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_20230209T200915_20230209T201150_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_20230209T214025_20230209T214922_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_20230209T214943_20230209T215213_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_20230209T231953_20230209T232616_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_20230209T233107_20230209T233312_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG 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, w	which are summarised below.	
> 1 Hz and 1 Hz Ocean SSHA Quality Flags: These flags are currently set for a	products over sea ice, which is to be expected	ed.
Number of products with errors: 184		

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:

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.

57

146

Number of products with errors:

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

6.1 P2P Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a NetCDF product file (.nc). Number of products with errors: 0

6.2 P2P Product Header Analysis

For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOP_220230208T232540_20230209T001519_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_220230209T001519_20230209T010455_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
	Topography (1), Total Geocentric Ocean	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

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CS_OFFL_SIR_GOP_220230209T015433_20230209T024409_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20230209T024409_20230209T033348_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T033348_20230209T042324_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_220230209T042324_20230209T051303_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T051303_20230209T060238_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_220230209T060238_20230209T065217_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T065217_20230209T074153_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_220230209T074153_20230209T083132_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T083132_20230209T092108_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T092108_20230209T101047_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T101047_20230209T110023_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220230209T110023_20230209T115002_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T115002_20230209T123937_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T123937_20230209T132916_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T132916_20230209T141852_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T141852_20230209T150831_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T150831_20230209T155807_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T155807_20230209T164745_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T164745_20230209T173721_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T173721_20230209T182700_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T182700_20230209T191636_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T191636_20230209T200615_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T200615_20230209T205551_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T205551_20230209T214529_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T214529_20230209T223505_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220230209T223505_20230209T232444_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220230209T232444_20230210T001420_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

6.5 P2P Measurement Confidence Data Check

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220230209T083132_20230209T092108_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_220230209T132916_20230209T141852_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 di	rectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.
Number of products with errors:	29
P2P Quality Flags (20 Hz PLRM)	
Since the P2P Quality Flags are copied di	rectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.
Number of products with errors:	30
P2P Quality Flags (1 Hz & 1 Hz Pl	LRM)
Since the P2P Quality Flags are copied di	rectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.
Number of products with errors:	30
6.8 P2P Ocean Retracking Qua	ality Check
P2P Retracking Flags (20 Hz)	
Cryosat P2P data includes an ocean retracking	ng 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): Th	is flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.
Number of products with errors:	26
P2P Retracking Flags PLRM	
CrueCat I O data includes an access vaturation	a such that for each 20 LIS DI DN measurement record. The bit value of this flar indicates any architecture when each

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.

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Number of products with errors:

7. GOP QCC Report Analysis

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

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_GOPM1B	217	217	2	215	0
SIR_GOPR1B	132	132	0	132	0
SIR_GOPN1B	103	103	3	100	0
SIR_GOPM_2	217	217	163	54	0
SIR_GOPR_2	132	132	48	83	1
SIR_GOPN_2	103	103	41	62	0
SIR_GOP_P2P	29	29	0	28	1

7.1 QCC Errors

Number of QCC	reports with er	rors:	2								
					Total number	of occurrences	of each error				
Product Type	RLOBOPNCDF	RL	RL	RLOBOPNCDF	RL	RL	-	-	-	-	-
SIR_GOPR_2	1	1	1	1	1	1					
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_GOP_2_	1	1	1	1							

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

7.2 QCC Warnings

Number of QCC repo	rts with warnings	2202					
Product Type	BCSHNCDF	IOHHMOOR	Total nun MVIOEPFDNCDF	nber of occurrences of ea MVIOEPNCDF	ACh warning MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC
SIR GOPM1B	215	0	0	0	0	0	0
SIR GOPM 2	0	0	36	35	0	45	0
SIR GOPN1B	100	0	0	0	0	0	0
SIR GOPN 2	0	0	10	33	8	31	30
SIR GOPR1B	131	0	0	0	0	0	0
SIR_GOPR_2	0	1	30	35	0	32	28
,							
Product Type	RBSZOPOEPNCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNC	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	40	1	31	0	0	0	0
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	23	1	0	0	28	0	37
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	21	4	0	37	0	43	0
			-			-	
Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	25	0	0	2	23	0	1
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	0	0	32	13	43	44	25
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	0	34	0	5	58	37	21
				-			
Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	32	0	0	0	0	0	0
SIR_GOPN1B	0	0	0	0	0	53	1
SIR_GOPN_2	33	27	13	0	0	0	0

SIR_GOPR1B	0	0	0	0	0	132	7
SIR_GOPR_2	25	41	4	1	2	0	0
Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD	RBSZOPOEPNCDF
SIR_GOP_2_	17	27	28	6	29	17	29
Product Type	RNELPOTONCDF	RPEPOPFDPLRMSINNCD	RPEPOPFDSINNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF
Product Type SIR_GOP_2_	RNELPOTONCDF			RPEPOPSINNCDF 23	RSSBCONCDF 15	RSSHAOFDNCDF 29	RSSHAOFDPLRMNCDF
	RNELPOTONCDF 5						
	RNELPOTONCDF 5 RSSHAONCDF	17		23			

Test Description Key:		
Abbreviation	Test name	Details
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAOFDPLRMNCD F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPFDPLRMNC DF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Start_v2_NetCDF	Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1)
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter

7.3 Missing QCC Reports

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 Pumber of products with missing QCC reports:
 1

 L1B and L2 Product name
 P2P Product name

 n/a
 CS_OFFL_SIR_GOP_2_20230209T232444_20230210T001420_C002