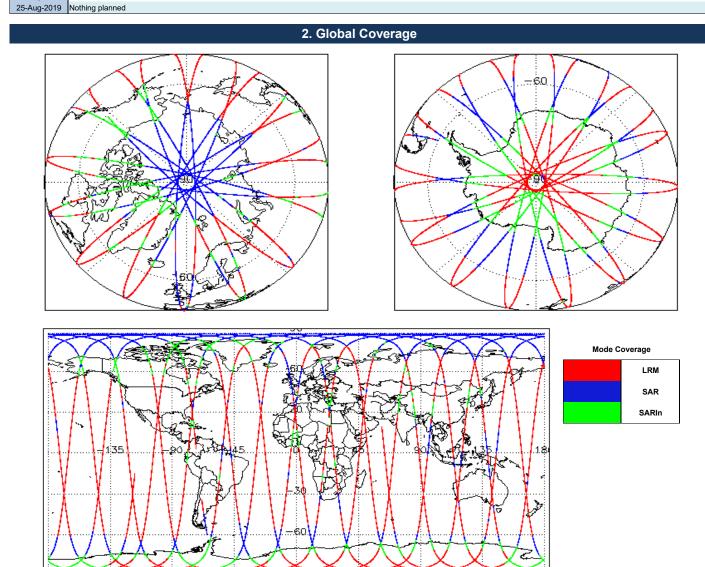


IDEAS+ Daily Report for GOP data:

24/08/2019

ort Production:	25-Sep-2019	Check	L1 & L2	P2P
Jon Froudelion.	20-0ep-2019	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
ocessor Used:	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
rocessor useu.	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
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7

Mission / Instrument News 23-Aug-2019 None 24-Aug-2019 None



3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

0

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

4.2 L1B Product Header Analys	sis
For all products, a series of pre-defined check	s are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
L1B Processing Quality HR: The I1b_proc_ OSARIn chains. A modification is required in	lag_hr flag is currently set all L1B GOPR and GOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and he next release.
Number of products with errors:	0
4.3 L1B Auxilary Data File Usa	ge Check
Each product is checked for missing Data Sel Number of products with errors:	Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.
4.4 L1B Auxiliary Correction E	rror Check
CryoSat L1B data includes a correction error Number of products with errors:	lag for each measurement record. The bit value of this flag indicates any problems when set.
4.5 L1B Measurement Confide	nce Data Check
	nfidence flag for each measurement record. The bit value of this flag indicates any problems when set. rently set in error for GOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update. 4

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190824T061331_20190824T062802_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20190824T090815_20190824T091527_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20190824T104805_20190824T105647_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20190824T191012_20190824T191559_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

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0

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190824T043504_20190824T045909_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190824T072314_20190824T074202_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190824T080235_20190824T081145_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190824T142932_20190824T143028_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190824T060142_20190824T060204_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190824T074252_20190824T074534_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190824T124710_20190824T124727_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190824T200338_20190824T200926_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190824T224159_20190824T224646_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190824T041336_20190824T041414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190824T041548_20190824T041848_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190824T041848_20190824T042319_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190824T084642_20190824T084915_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190824T110239_20190824T111121_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190824T155701_20190824T160424_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0

5.4 L2 Auxiliary Correction Error Check

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

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

> ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric 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_GOPM_2_20190824T112219_20190824T114627_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20190824T195200_20190824T200215_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_20190824T015545_20190824T015921_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T020458_20190824T020613_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_20190824T023404_20190824T023600_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_20190824T033506_20190824T033824_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T042555_20190824T042706_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T052241_20190824T052348_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_20190824T060508_20190824T060620_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T065944_20190824T070133_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T074252_20190824T074534_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T091954_20190824T092416_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_20190824T100847_20190824T101125_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_20190824T101750_20190824T102059_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_20190824T105850_20190824T110238_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_20190824T115835_20190824T115952_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_20190824T150745_20190824T150910_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_20190824T151430_20190824T151737_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T164727_20190824T165002_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T165329_20190824T165703_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T182807_20190824T183041_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T192317_20190824T192438_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20190824T200338_20190824T200926_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T205743_20190824T205835_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_20190824T210247_20190824T210457_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T214531_20190824T214712_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_20190824T215554_20190824T215800_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_20190824T224159_20190824T224646_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T010723_20190824T011533_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T024645_20190824T025432_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

	Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_GOPR_2_20190824T042706_20190824T043504_C001	Topography (1)	Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20190824T060620_20190824T061330_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T074534_20190824T075309_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T092417_20190824T093133_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T110239_20190824T111121_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T123931_20190824T124710_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T141903_20190824T142525_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T142526_20190824T142701_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_20190824T155701_20190824T160424_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T160425_20190824T160602_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T173833_20190824T174321_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T174322_20190824T174445_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T191559_20190824T192108_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T192108_20190824T192316_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T205842_20190824T210246_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T223500_20190824T224159_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors: 4

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190824T061331_20190824T062802_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_20190824T090815_20190824T091527_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_20190824T104805_20190824T105647_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_20190824T191012_20190824T191559_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 (20Hz)

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

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

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

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

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N	lum	ber	of	prod	ucts	with	errors:	
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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190823T234628_20190824T001321_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T002011_20190824T002439_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_20190824T002929_20190824T005650_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T005708_20190824T005729_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_20190824T010026_20190824T010723_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_20190824T012008_20190824T015057_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T015921_20190824T020457_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_20190824T020835_20190824T021242_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20190824T023206_20190824T023328_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T024357_20190824T024616_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_20190824T025846_20190824T033119_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_20190824T033825_20190824T034337_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_20190824T034913_20190824T040523_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_20190824T041414_20190824T041547_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_20190824T042319_20190824T042425_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_20190824T043504_20190824T045909_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_20190824T045955_20190824T051006_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_20190824T051841_20190824T052240_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_20190824T052745_20190824T055337_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_20190824T055353_20190824T060128_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_20190824T061331_20190824T062802_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_20190824T063243_20190824T064601_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_20190824T065204_20190824T065722_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_20190824T065741_20190824T065943_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_20190824T070821_20190824T072100_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_20190824T072314_20190824T074202_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_20190824T080235_20190824T081145_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_20190824T081441_20190824T082833_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_20190824T083129_20190824T083633_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_20190824T083657_20190824T083813_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_20190824T090228_20190824T090321_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_20190824T090416_20190824T090652_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_20190824T090815_20190824T091527_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T091650_20190824T091905_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.

Control Control <t< th=""><th></th><th></th><th></th></t<>			
Cite_CPFL_SRE_COPFL_2_201000241100150_201000241100150_2010 mol Babacater Caulty COSS Allinet Runge and Babacater Caulty Flags have bar Allinet Runge and Babacater Caulty Flags have bar to rear on movids. Cite_CPFL_SRE_COPFL_2_20100024110150_20100024110150_2010 DOCS Allinet Runge Caulty COSS Babacater Caulty Flagt have babacater Caulty Flagt have babacater Caulty Flag	S_OFFL_SIR_GOPM_2_20190824T093705_20190824T094025_C001		
Carl Der Control Control Description Backsonter Cuality For end or most records. CB_OFFL_SR_GOPM_2_20100024110101_20100024110100_20110000 COCO Admeter Range Outly COCO The COCO Admeter Range and Backsonter Outly Flags have beer for one or most records. CB_OFFL_SR_GOPM_2_20100024110101_20100024110100_20110000 COCO Admeter Range Outly COCO The COCO Admeter Range and Backsonter Outly Flags have beer for one or cocots. CB_OFFL_SR_GOPM_2_20100024110202_20100024110245_COCO COCO Admeter Range Outly COCO The COCO Admeter Range and Backsonter Outly Flags have beer for one records. CB_OFFL_SR_GOPM_2_20100024110202_20100024110245_COCO COCO Admeter Range Outly COCO The COCO Admeter Range Cuality COCO CB_OFFL_SR_GOPM_2_201000241112218_20190241114052_COCO COCO Admeter Range Cuality COCO The COCO Admeter Range Cuality COCO CB_OFFL_SR_GOPM_2_201000241112218_20190221114052_COCO COCO Admeter Range Cuality COCO The COCO Admeter Range and Backsonter Cuality Flags have beer for one or one records. CB_OFFL_SR_GOPM_2_201000241112218_20190221114052_COCO COCO Admeter Range Cuality COCO The COCO Admeter Range and Backsonter Cuality Flags have beer for one or one records. CB_OFFL_SR_GOPM_2_201000241112218_20190241110530_COCO COCO Admeter Range Cuality COCO The COCO Admeter Range and Backsonter Cuality Flags have beer for one or one records. CB_OFFL_SR_GOPM_2_20100	:S_OFFL_SIR_GOPM_2_20190824T095135_20190824T100723_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
Control Backscatter Cuality for one or more records. CS_OFFL_SIR_GOPM_2_201908241101120_CO01 COC6 Alimeter Range Cuality FL The CCO6 Alimeter Range and Backscatter Cuality FL CS_OFFL_SIR_GOPM_2_201908241102528_201908241104551_CO01 COC6 Alimeter Range Cuality FL The CCO6 Alimeter Range and Backscatter Cuality FL CS_OFFL_SIR_GOPM_2_201908241104551_CO01 COC6 Alimeter Range Cuality FL The CCO6 Alimeter Range and Backscatter Cuality FL CS_OFFL_SIR_GOPM_2_201908241104562_CO01 COC6 Alimeter Range Cuality FL The CCO6 Alimeter Range and Backscatter Cuality FL CS_OFFL_SIR_GOPM_2_201908241110502_CO01 COC6 Alimeter Range Cuality FL The CCO6 Alimeter Range and Backscatter Cuality FL CS_OFFL_SIR_GOPM_2_201908241114622_C001 COC6 Alimeter Range Cuality FL The CCOG Alimeter Range and Backscatter Cuality FL CS_OFFL_SIR_GOPM_2_20190824111630_C001 COC6 Alimeter Range Cuality FL The CCOG Alimeter Range and Backscatter Cuality FL CS_OFFL_SIR_GOPM_2_20190824111630_C001 COC6 Alimeter Range Cuality FL The CCOG Alimeter Range Cuality FL CS_OFFL_SIR_GOPM_2_20190824111630_C001 COC6 Alimeter Range Cuality FL The CCOG Alimeter Range Cuality FL CS_OFFL_SIR_GOPM_2_20190824111630_C001 COC6 Alimeter Range Cuality FL The CCOG Alimeter Range Cuality FL CS_OFFL_SIR_GOPM	S_OFFL_SIR_GOPM_2_20190824T101126_20190824T101549_C001		
Corpert_SIR_GOPM_2_20190824110011_2019024110150_0001 Backstatter Quality For the or more records. CS_OFFL_SIR_GOPM_2_201908241102020_20190824110264_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPM_2_20190824110200_201908241110200_201908241114207_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPM_2_201908241112219_201908241114627_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPM_2_201908241112219_201908241114502_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPM_2_201908241116510_201908241115510_201908241115510_201908241115510_201908241115510_201908241115510_201908241115510_201908241115510_201908241115510_201908241115510_201908241115510_201908241112210_201908241112210_201908241112210_2019082411122335_C001 DCCGA Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have beer for ore or more records. CS_OFFL_SIR_GOPM_2_201908241122307_201908241122307_201908241122305_C001 Cocean Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have beer for ore or more records. CS_OFFL_SIR_GOPM_2_20190824112307_20190824112335_C001 Cocean Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have beer for ore or more records. CS_OFFL_SIR_GOPM_2_201908241128207_201908241128207_201908241128207_201908241128207_201908241128207_201908241128207_201908241128207_201908241128207_2019082411	S_OFFL_SIR_GOPM_2_20190824T101556_20190824T101604_C001		
CS_OFFL_SIR_GOPM_2_20198241102328_2019824110654_0001 and Badsaster Quality Plags have berline to more records. CS_OFFL_SIR_GOPM_2_2019824110215_20198241106647_0001 OCOD Altimeter Range SIA, SIM and Badsaster Quality Plags have berline to more more records. CS_OFFL_SIR_GOPM_2_20198241112210_20198241110667_0001 OCOD Altimeter Range SIA, SIM and Badsaster Quality Plags have berline to more more records. CS_OFFL_SIR_GOPM_2_20198241112210_20198241113503_0001 OCOD Altimeter Range SIA, SIM and Badsaster Quality Plags have berline to more more records. CS_OFFL_SIR_GOPM_2_20198241112510_20198241113503_0001 OCOD Altimeter Range Quality, OCOD Badsaster Quality Flags have berline to more more records. CS_OFFL_SIR_GOPM_2_20198241112510_201982411125211_0001 OCOD Altimeter Range Quality, OCOD Badsaster Quality, Flags have berline to more more records. CS_OFFL_SIR_GOPM_2_20198241122518_201982411122511_0001 OCOD Altimeter Range, SIA, SIM and Badsaster Quality Flags have berline to more more records. CS_OFFL_SIR_GOPM_2_20198241122518_201982411122511_0001 Ocean Altimeter Range, SIA, SIM and Badsaster Quality Flags have berline to COO Altimeter Range, SIA, SIM and Badsaster Quality, Flags have berline to COO Altimeter Range, SIA, SIM and Badsaster Quality, Flags have berline to COO Altimeter Range, SIA, SIM and Badsaster Quality, Flags have berline to COO Altimeter Range, SIA, SIM and Badsaster Quality, Flags have berline to COO Altimeter Range, SIA, SIM and Badsaster Quality, Flags have berline to COO Altimeter Range, SIA, SIM and Badsaster Quality, Flags have berline to COO Altimeter Range, SIA, SIM and Badsaster Quality, Flags have berline to COO	CS_OFFL_SIR_GOPM_2_20190824T101611_20190824T101750_C001		
GS_OFFL_SIR_GOPM_2_20190824T12219_20190824T114827_C001 Backstatter Quality Gs_OFFL_SIR_GOPM_2_20190824T112219_20190824T114827_C001 Coean Altimeter Range ADB Backstatter Quality Coean Altimeter Range ADB Backstatter Quality Gs_OFFL_SIR_GOPM_2_20190824T116510_20190824T115032_C001 DCOG Altimeter Range Quality, OCOG Altimeter Range ADB Backstatter Quality Coean Altimeter Range ADB Backstatter Quality Coean Altimeter Range ADB Backstatter Quality Coean Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. CoCG Altimeter Range ADB Backstatter Quality Coean Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Coean Altimeter Range, SHA, SWH and Backstatter Quality Coean Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have beer for ono or more records. Cocan Altimeter Range, SHA, SWH and Backstatter Quality Flags have bear	CS_OFFL_SIR_GOPM_2_20190824T102328_20190824T104654_C001	_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T112219_20190824T114627_0001 and Backscatter Quality_OCOG The OCOG Allimeter Range and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_20190824T114642_20190824T115633_C001 DCCOG Allimeter Range Quality, OCOG The OCOG Allimeter Range and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_20190824T112610_20190824T112634_C001 DCCOG Allimeter Range, SIAA, SWH and Backscatter Quality Flags have bear for one or more records. The OCOG Allimeter Range, SIAA, SWH and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_20190824T120317_20190824T122353_C001 Dcean Allimeter Range, SIAA, SWH and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_20190824T120327_20190824T122353_C001 Dcean Allimeter Range, SIAA, SWH and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_20190824T120325_C001 Dcean Allimeter Range, SIAA, SWH and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_20190824T126352_D010824T126450_C001 Dcean Allimeter Range and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_20190824T126352_D010824T126450_C001 Dcean Allimeter Range and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_20190824T126352_D010824T132542_C001 Dcean Allimeter Range	S_OFFL_SIR_GOPM_2_20190824T104805_20190824T105647_C001		
CS_OFFL_SIR_GOPM_2_201908241115510_201908241115834_C001 Backscatter Quality The OCGA Alimeter Range Quality, OCGG CS_OFFL_SIR_GOPM_2_201908241120216_201908241122911_C001 Ocean Alimeter Range SHA, SWH The OCGA Alimeter Range and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_201908241120216_201908241122911_C001 Ocean Alimeter Range, SHA, SWH The OCean Alimeter Range, SHA, SWH The OCean Alimeter Range SHA, SWH CS_OFFL_SIR_GOPM_2_20190824112037_20190824112353_C001 Ocean Alimeter Range, SHA, SWH The OCean Alimeter Range SHA, SWH The OCean Alimeter Range SHA, SWH CS_OFFL_SIR_GOPM_2_201908241124825_01908241124839_C001 Ocean Alimeter Range, SSHA, SWH The OCean Alimeter Range SHA, SWH The OCean Alimeter Range SHA, SWH CS_OFFL_SIR_GOPM_2_201908241124825_01908241124839_C001 Ocean Alimeter Range, SSHA, SWH The OCean Alimeter Range SHA, SWH and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_201908241126730_201908241132741_C001 Ocean Alimeter Range, SSHA, SWH The OCean Alimeter Range SHA SWH and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_201908241132730_201908241133741_C001 Ocean Alimeter Range SHA, SWH and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_2019082411327201 Ocean Alimeter Range SHA, SWH and Backscatter Quality Flags have bear for one or more records. CS_OFFL_SIR_GOPM_2_2019082411327201 Ocean Alimeter Range SHA, SWH and Backscatter Quality Flags have bear for	S_OFFL_SIR_GOPM_2_20190824T112219_20190824T114627_C001	2_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
GS_OFFL_SIR_GOPM_2_20190824T122016_20190824T122011_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20190824T122016_20190824T122011_C001 Cesan Altimeter Range, SSHA, SWH and Backscatter Quality File and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality File and Backscatter Quality CS_OFFL_SIR_GOPM_2_20190824T123037_20190824T123353_C001 Cesan Altimeter Range, SSHA, SWH and Backscatter Quality File and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality File and Backscatter Quality File and Backscatter Quality CS_OFFL_SIR_GOPM_2_20190824T124825_20190824T124839_C001 Cesan Altimeter Range, SSHA, SWH and Backscatter Quality File and Backscatter Quality File and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality File and B	S_OFFL_SIR_GOPM_2_20190824T114942_20190824T115503_C001		
CS_OFFL_SIR_GOPM_2_20190824T120216_20190824T12211_C001 and Backscatter Quality. CCG and the OCGO Altimeter Range and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and the OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to OCGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to COGO Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to occean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to occean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to occean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to occean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to occean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to occean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have be and to occean Altimeter Range. SSHA, S	CS_OFFL_SIR_GOPM_2_20190824T115510_20190824T115834_C001		
CS_OFFL_SIR_GOPM_2_20190824T123357_20190824T123353_C001 and Backscatter Quality Cuality, COGG and the OCGG Altimeter Range and Backscatter Quality Flags have be Altimeter Range and Backscatter Quality CGG CS_OFFL_SIR_GOPM_2_20190824T128730_20190824T132546_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be Altimeter Range and Backscatter Quality CGG CS_OFFL_SIR_GOPM_2_20190824T132546_C001 Ocean Altimeter Range and Backscatter Quality CGG Altimeter Range and Backscatter Quality Flags have be Altimeter Range and Backscatter Quali	S_OFFL_SIR_GOPM_2_20190824T120216_20190824T122911_C001	_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T124825_20190824T124839_C001 and Backscatter Quality NOCG Attimeter Range and Backscatter Quality and the OCG Attimeter Range, SSHA, SWH and Backscatter Quality, OCG and the OCGA Attimeter Range, SSHA, SWH and the OCGA Attimeter Range, SSHA, SWH and the OCGA Attimeter Range, SSHA, SWH and Backscatter Quality, OCG Attimeter Range, SSHA, SWH and Backscatter Quality, OCG Attimeter Range, SSHA, SWH and the OCGA Attimeter Range, SSHA, SWH and the OCGA Attimeter Range, and Backscatter Quality Flags have bear CS_OFFL_SIR_GOPM_2_20190824T132930_20190824T133741_C001 Occan Attimeter Range, SSHA, SWH Ocson Attimeter Range, SSHA, SWH and Backscatter Quality, OCG Attimeter Range, SSHA, SWH and Backscatter Quality, OCG Attimeter Range, SSHA, SWH and the OCGA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have bear CS_OFFL_SIR_GOPM_2_20190824T134247_20190824T141518_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have b CS_OFFL_SIR_GOPM_2_20190824T145901_20190824T150327_C001 OcCGA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have b CS_OFFL_SIR_GOPM_2_20190824T150910_20190824T15429_C001 OCCGA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have b CS_OFFL_SIR_GOPM_2_20190824T1520510_20190824T154241_C001 OCCGA Attimeter Range, SSHA, SW	2S_OFFL_SIR_GOPM_2_20190824T123037_20190824T123353_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T125730_20190824T132546_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_GOPM_2_20190824T132930_20190824T133741_C001 OCCOG Altimeter Range, SMA, SWH and Backscatter Quality The OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPM_2_20190824T134247_20190824T141518_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPM_2_20190824T145901_20190824T150327_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCOG Altimeter Range and Backscatter Quality, OCCOG Altimeter Range and Backscatter Quality, CCOG Backscatter Quality, OCCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCOG Altimeter Range and Backscatter Quality, Flags have beer for one or more records. CS_OFFL_SIR_GOPM_2_20190824T150910_20190824T151429_C001 OCCOG Altimeter Range Quality, OCCOG Backscatter Quality, OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCCOG Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and the OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCCOG Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and the OCCOG Altimeter Range, SSHA, SWH and the OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have b ast for one or more records. CS_OFFL_SIR_GOPM_2_20190824T154528_20190824T1545700_C	XS_OFFL_SIR_GOPM_2_20190824T124825_20190824T124839_C001	_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T13230_20190824T13374T_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20190824T134247_20190824T141518_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and backscatter Quality, Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records. CS_OFFL_	2S_OFFL_SIR_GOPM_2_20190824T125730_20190824T132546_C001	5_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T134247_20190824T141518_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_20190824T145901_20190824T150327_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, and Backscatter Quality Figure Coords. CS_OFFL_SIR_GOPM_2_20190824T150910_20190824T151429_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20190824T152135_20190824T154241_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bear for one or more records. The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH	S_OFFL_SIR_GOPM_2_20190824T132930_20190824T133741_C001		
CS_OFFL_SIR_GOPM_2_20190824T145901_20190824T150327_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20190824T150910_20190824T151429_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20190824T152135_20190824T154241_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20190824T15428_20190824T155700_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20190824T160632_20190824T161102_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20190824T160632_20190824T161102_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have be set for one or more records.	S_OFFL_SIR_GOPM_2_20190824T134247_20190824T141518_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T150910_20190824T151429_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20190824T152135_20190824T154241_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have be and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality, Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be	S_OFFL_SIR_GOPM_2_20190824T145901_20190824T150327_C001	2_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T152135_20190824T1524241_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20190824T154528_20190824T155700_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 be and the 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_GOPM_2_20190824T160632_20190824T161102_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 be set for one or more records.	2S_OFFL_SIR_GOPM_2_20190824T150910_20190824T151429_C001		
CS_OFFL_SIR_GOPM_2_20190824T154528_20190824T155700_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20190824T160632_20190824T161102_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records. Cs_OFFL_SIR_GOPM_2_20190824T160632_20190824T161102_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG The Ocean Altimeter Range and Backscatter Quality Flags have be set for one or more records. Ocean Altimeter Range, and Backscatter Quality Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records.	S_OFFL_SIR_GOPM_2_20190824T152135_20190824T154241_C001	_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T160632_20190824T161102_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have b set for one or more records. Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have b set for one or more records.	S_OFFL_SIR_GOPM_2_20190824T154528_20190824T155700_C001	_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
	S_OFFL_SIR_GOPM_2_20190824T160632_20190824T161102_C001	2_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
Altimeter Range and Backscatter Quality set for one or more records.	2S_OFFL_SIR_GOPM_2_20190824T162649_20190824T163133_C001	3_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
	CS_OFFL_SIR_GOPM_2_20190824T163321_20190824T164330_C001	_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
CS_OFFL_SIR_GOPM_2_20190824T165003_20190824T165329_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been for one or more records.	XS_OFFL_SIR_GOPM_2_20190824T165003_20190824T165329_C001		
	S_OFFL_SIR_GOPM_2_20190824T170050_20190824T170526_C001	5_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
	S_OFFL_SIR_GOPM_2_20190824T170536_20190824T173713_C001	3_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.
	S_OFFL_SIR_GOPM_2_20190824T174952_20190824T175651_C001	_C001 and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ty set for one or more records.

CS_OFFL_SIR_GOPM_2_20190824T175715_20190824T182107_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been before source and the second sec
CS OFFL SIR GOPM 2 20190824T183042 20190824T183235 C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set
	Backscatter Quality	for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_GOPM_2_20190824T184012_20190824T184517_C001	Ocean Altimeter Range, SSHA, SWH 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_20190824T184612_20190824T185202_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_20190824T185604_20190824T185659_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_20190824T190104_20190824T190753_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_20190824T193004_20190824T193559_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_20190824T193606_20190824T194347_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_20190824T195200_20190824T200215_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_20190824T201220_20190824T201643_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_20190824T201933_20190824T202533_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_20190824T202612_20190824T203327_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_20190824T203507_20190824T205033_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_20190824T212031_20190824T212518_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_20190824T212758_20190824T214312_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_20190824T214712_20190824T215554_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_20190824T215916_20190824T222043_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_20190824T224910_20190824T232245_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_20190824T232631_20190824T232817_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_20190824T232918_20190824T233348_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_20190824T233847_20190825T000336_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_20190824T001837_20190824T002011_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_20190824T020458_20190824T020613_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_20190824T060508_20190824T060620_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_20190824T074252_20190824T074534_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_20190824T124710_20190824T124727_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_20190824T151430_20190824T151737_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_20190824T190835_20190824T191012_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_20190824T200338_20190824T200926_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190824T122912_20190824T123037_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190824T141903_20190824T142525_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190824T143933_20190824T144008_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20190824T001544_20190824T001724_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T002439_20190824T002725_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_20190824T011533_20190824T011827_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T020458_20190824T020613_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_20190824T022200_20190824T022319_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T024300_20190824T024357_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T025432_20190824T025609_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T025704_20190824T025845_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T033506_20190824T033824_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_20190824T034337_20190824T034502_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T040523_20190824T040838_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T060508_20190824T060620_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T065024_20190824T065203_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_20190824T065944_20190824T070133_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_20190824T074252_20190824T074534_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T075851_20190824T080234_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T082943_20190824T083128_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T091954_20190824T092416_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T101750_20190824T102059_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T105850_20190824T110238_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.

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

CS_OFFL_SIR_GOPN_2_20190824T111232_20190824T111359_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T111827_20190824T112218_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T115835_20190824T115952_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_20190824T123353_20190824T123930_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T133741_20190824T133855_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_20190824T141518_20190824T141653_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T141729_20190824T141903_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T143059_20190824T143221_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T145314_20190824T145419_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T162318_20190824T162648_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T165329_20190824T165703_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T174905_20190824T174951_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T182807_20190824T183041_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_20190824T183235_20190824T183521_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T183713_20190824T183900_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_20190824T190835_20190824T191012_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T192317_20190824T192438_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T195054_20190824T195200_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T201644_20190824T201822_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T210610_20190824T210839_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T211037_20190824T211159_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T214531_20190824T214712_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_20190824T215554_20190824T215800_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T222154_20190824T222206_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T222235_20190824T222545_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T222640_20190824T222806_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T223128_20190824T223145_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_GOPN_2_20190824T224159_20190824T224646_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T224748_20190824T224909_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T232817_20190824T232917_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190824T233348_20190824T233609_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_20190824T010723_20190824T011533_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_20190824T020613_20190824T020835_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_20190824T021243_20190824T021626_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_20190824T024645_20190824T025432_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_20190824T033120_20190824T033505_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_20190824T034502_20190824T034912_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_20190824T041548_20190824T041848_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_20190824T042426_20190824T042554_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_20190824T042706_20190824T043504_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_20190824T051006_20190824T051218_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_20190824T052349_20190824T052745_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_20190824T064937_20190824T065023_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_20190824T070133_20190824T070821_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_20190824T074534_20190824T075309_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_20190824T081214_20190824T081440_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_20190824T094507_20190824T094612_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_20190824T095129_20190824T095134_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_20190824T100723_20190824T100847_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_20190824T114627_20190824T114827_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_20190824T115952_20190824T120216_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_20190824T123931_20190824T124710_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_20190824T132546_20190824T132806_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_20190824T133855_20190824T134246_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_20190824T141903_20190824T142525_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_20190824T143028_20190824T143058_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_20190824T150327_20190824T150744_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_20190824T151738_20190824T152135_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_20190824T155701_20190824T160424_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_20190824T164330_20190824T164727_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_20190824T165704_20190824T170050_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_20190824T173833_20190824T174321_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_20190824T182108_20190824T182807_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190824T191559_20190824T192108_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_20190824T194541_20190824T194754_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_20190824T205646_20190824T205743_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_20190824T232246_20190824T232505_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_20190824T233609_20190824T233847_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
L2 Quality Flags (1 Hz & 1Hz PLRM)		
Currently, there are several common flags raised in the Level 2 products, where the several common flags raised in the Level 2 products, where the several common flags raised in the Level 2 products, where the several common flags raised in the Level 2 products, where the several common flags raised in the Level 2 products, where the several common flags raised in the Level 2 products, where the several common flags raised in the Level 2 products, where the several common flags raised in the Level 2 products, where the several common flags raised in the Level 2 products, where the several common flags raised in the Level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the level 2 products, where the several common flags raised in the several common flags raised ra	nich are summarised below.	
> 1Hz and 1Hz Ocean SSHA Quality Flags: These flags are currently set for pro	ducts over sea ice, which is to be expected.	
Number of products with errors: 184		
5.8 L2 Ocean Retracking Quality Check		
L2 Retracking Flags (20Hz)		
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measure	ement record. The bit value of this flag indica	ates any problems when set.
Ocean Retracking Quality Flag: This flag is currently set for products over land a	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: 61		
L2 Retracking Flags (20Hz, PLRM)		
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM measurement record. The bit value of this flag indicates any problems when set.		
Ocean Retracking Quality Flag (PLRM): This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.		
Number of products with errors: 145		

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). 0

Number of products with errors:

6.2 P2P Product Header Analysis

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

6.3 P2P Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0 Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

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

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

> Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220190824T002039_20190824T011018_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T011018_20190824T015953_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T015953_20190824T024932_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_20190824T024932_20190824T033906_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T033906_20190824T042845_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T042845_20190824T051820_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T051820_20190824T060759_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T060759_20190824T065733_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T065733_20190824T074712_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T074712_20190824T083647_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T083647_20190824T092626_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T092626_20190824T101600_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T101600_20190824T110539_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T110539_20190824T115514_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T115514_20190824T124453_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T124453_20190824T133427_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T133427_20190824T142406_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T142406_20190824T151341_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T151341_20190824T160320_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T160320_20190824T165255_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T165255_20190824T174233_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T174233_20190824T183208_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T183208_20190824T192147_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T192147_20190824T201121_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220190824T201121_20190824T210101_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T210101_20190824T215035_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T215035_20190824T224014_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is 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_220190824T224014_20190824T232949_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.

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6.6 P2P Measurement Quality F	lag Check
P2P Quality Flags (20Hz)	
CryoSat P2P data includes Quality Flags for ea	ach 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.
Since the P2P Quality Flags are copied dire	ctly 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 (20Hz PLRM)	
Since the P2P Quality Flags are copied dire	ctly 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 (1 Hz & 1Hz PLF	RM)
Since the P2P Quality Flags are copied dire	ctly 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 Qual	ity Check
P2P Retracking Flags (20Hz)	
Cryosat P2P data includes an ocean retracking	g quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.
Ocean Retracking Quality Flag (PLRM): This	flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.
Number of products with errors:	29
P2P Retracking Flags PLRM	
CryoSat L2 data includes an ocean retracking	quality flag for each 20-Hz PLRM measurement record. The bit value of this flag indicates any problems when set.
Ocean Retracking Quality Flag (PLRM): This	flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.
Number of products with errors:	30