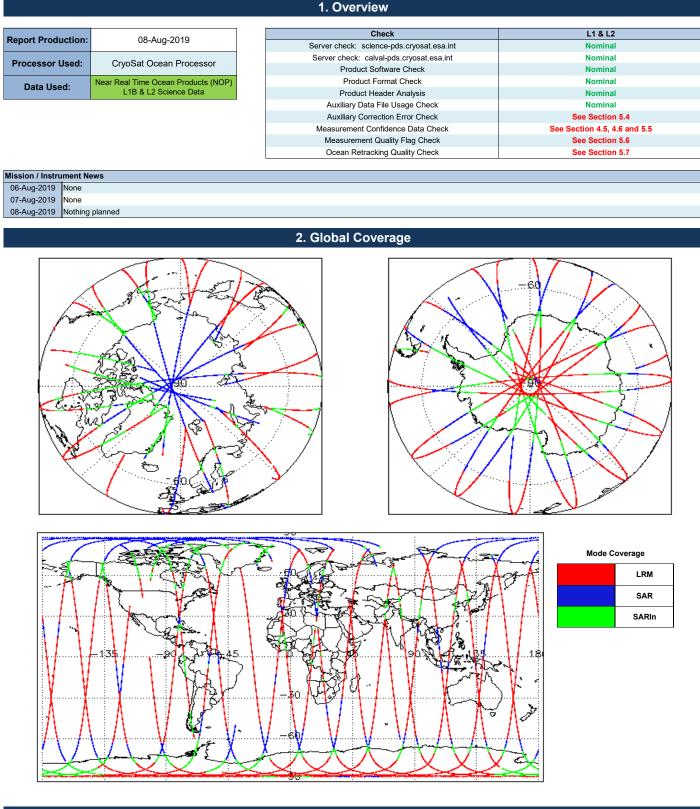


IDEAS+ Daily Report for NOP data:

<u>07/08/2019</u>





3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. NOP 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).

Number of products with errors:

0

r all products, a series of pre-defined checks are performed on the MPH and	I SPH in order to identify any inconsi	stencies and/or errors raised by the ground-segment processing chain.	
		the I1b_processing_quality_hr field is not correctly configured in the OSAR and	
SARIn chains. A modification is required in the next release.			
umber of products with errors: 0			
.3 L1B Auxilary Data File Usage Check			
ach product is checked for missing Data Set Descriptors with respect to a pre	-determined baseline and also to ch	eck the validity of Auxiliary Data Files is correct.	
ynamic Atmospheric Correction: The DAC is missing in all products becau	se the auxiliary files required are not	available in time for processing. This known and expected behaviour.	
lumber of products with errors: 0			
I.4 L1B Auxiliary Correction Error Check			
ryoSat L1B data includes a correction error flag for each measurement record	d. The bit value of this flag indicates :	any problems when set.	
lumber of products with errors: 0	-		
.5 L1B Measurement Confidence Data Check			
	pont record. The hit value of this flat	indicatos any problems when set	
CryoSat L1B data includes a measurement confidence flag for each measurem	-		
• Attitude Correction Missing: This flag is currently set in error for NOPR pro Jumber of products with errors:	ouces due to a configuration issue. I	mis is being investigated and will be updated in the next SW update.	
lumber of products with errors: 1			
Product	Test Failed	Description There is an error in the scaling of the L1B waveform for one or more	
S_OFFL_SIR_NOPM1B_20190807T202050_20190807T202701_C001	Power scaling error	records	
.6 L1B Waveform Group Data Check			
ryoSat L1B data includes a waveform data flag for each measurement record	. The bit value of this flag indicates a	any problems when set.	
Loss of Echo Flag: This flag is currently set for products over land, but this	-		
umber of products with errors: 20	·		
roduct S_OFFL_SIR_NOPM1B_20190807T013953_20190807T020622_C001	Test Failed Loss of Echo	Description The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPM1B_20190807T181125_20190807T184734_C001	Loss of Echo	The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPM1B_20190807T195028_20190807T200525_C001	Loss of Echo	The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPN1B_20190807T003708_20190807T003738_C001	Loss of Echo	The tracking echo is missing for one or more records	
S OFFL SIR NOPN1B 20190807T022609 20190807T022950 C001	Loss of Echo	The tracking echo is missing for one or more records	
CS OFFL SIR NOPN1B 20190807T085047 20190807T085124 C001	Loss of Echo	The tracking echo is missing for one or more records	
CS_OFFL_SIR_NOPN1B_201908071085338_201908071085408_C001	Loss of Echo	The tracking echo is missing for one or more records	
CS_OFFL_SIR_NOPN1B_20190807T130857_20190807T131019_C001	Loss of Echo	The tracking echo is missing for one or more records	
CS OFFL SIR NOPN1B 20190807T134520 20190807T134942 C001	Loss of Echo	The tracking echo is missing for one or more records	
CS OFFL SIR NOPN1B 20190807T180351 20190807T180903 C001	Loss of Echo	The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPN1B_201908077185457_201908077185845_C001	Loss of Echo		
		The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPN1B_20190807T203709_20190807T203956_C001 S OFFL SIR NOPN1B_20190807T211328_20190807T211937_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPN1B_201908071211328_201908071211937_C001	Loss of Echo	The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPN1B_201908071221310_201908071221324_C001		The tracking echo is missing for one or more records	
	Loss of Echo	The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPR1B_20190807T034324_20190807T034702_C001	Loss of Echo	The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPR1B_20190807T063406_20190807T063945_C001	Loss of Echo	The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPR1B_20190807T165304_20190807T165549_C001	Loss of Echo	The tracking echo is missing for one or more records	
S_OFFL_SIR_NOPR1B_20190807T172016_20190807T172639_C001	Loss of Echo	The tracking echo is missing for one or more records	
CS_OFFL_SIR_NOPR1B_20190807T211159_20190807T211229_C001 Loss of Echo The tracking echo is missing for one or more records			
S_OFFL_SIR_NOPR1B_20190807T211159_20190807T211229_C001	1	I	
	OP Level 2 Data Qual	ity Check	
	OP Level 2 Data Qual	ity Check	
	OP Level 2 Data Qual	ity Check	

Number of products with errors:

5.2 L2 Product Header Analysis

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

 Number of products with errors:
 0

5.3 L2 Auxiliary Data File Usage Check

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

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.

> Mean Sea Surface: The error value is currently set for products over land and sea ice, but this is to be expected.

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> Mean Dynamic Topography: The error value is currently set for products over land and sea ice, but this is to be expected.

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190807T083337_20190807T085046_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the Tidal Corrections for one or more records
CS_OFFL_SIR_NOPM_2_20190807T200605_20190807T200657_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T012630_20190807T012750_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T012842_20190807T013035_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records
CS_OFFL_SIR_NOPN_2_20190807T030619_20190807T030943_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T040504_20190807T040738_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T044522_20190807T044842_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T053628_20190807T053738_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_NOPN_2_20190807T063245_20190807T063306_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T071619_20190807T071640_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T080955_20190807T081156_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T085413_20190807T085554_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the Tidal Corrections for one or more records
CS_OFFL_SIR_NOPN_2_20190807T095637_20190807T100109_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T102917_20190807T103427_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T112911_20190807T113128_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T120709_20190807T121231_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T134520_20190807T134942_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T143840_20190807T144005_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T144801_20190807T144913_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T152715_20190807T152907_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T161811_20190807T161937_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T162450_20190807T162708_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T175811_20190807T180116_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T180351_20190807T180903_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

CS_OFFL_SIR_NOPN_2_20190807T185457_20190807T185845_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T193829_20190807T194103_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T203341_20190807T203458_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records
CS_OFFL_SIR_NOPN_2_20190807T203709_20190807T203956_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T211328_20190807T211937_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T221310_20190807T221524_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20190807T225548_20190807T225729_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20190807T235232_20190807T235717_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190807T003905_20190807T004409_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190807T021749_20190807T022609_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190807T035657_20190807T040504_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190807T053738_20190807T054527_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190807T071640_20190807T072342_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190807T085554_20190807T090256_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190807T103427_20190807T103950_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190807T104001_20190807T104101_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20190807T121249_20190807T121404_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190807T234822_20190807T235232_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

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Number of products with errors: 1
```

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190807T202050_20190807T202701_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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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190807T000116_20190807T002420_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_NOPM_2_20190807T005621_20190807T010737_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_NOPM_2_20190807T011315_20190807T012332_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_NOPM_2_20190807T013035_20190807T013639_C001	• •	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190807T013953_20190807T020622_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_NOPM_2_20190807T022950_20190807T030147_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20190807T030944_20190807T031510_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_NOPM_2_20190807T031858_20190807T032301_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_NOPM_2_20190807T035353_20190807T035656_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 set for one or more records.
CS_OFFL_SIR_NOPM_2_20190807T040845_20190807T041749_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_NOPM_2_20190807T042033_20190807T044148_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_NOPM_2_20190807T044842_20190807T044947_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_NOPM_2_20190807T044951_20190807T045400_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_NOPM_2_20190807T045929_20190807T051537_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_NOPM_2_20190807T053342_20190807T053416_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_NOPM_2_20190807T054527_20190807T062028_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_NOPM_2_20190807T062405_20190807T062845_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_NOPM_2_20190807T062905_20190807T063245_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_NOPM_2_20190807T063946_20190807T071131_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_NOPM_2_20190807T072342_20190807T073826_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_NOPM_2_20190807T074416_20190807T080000_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_NOPM_2_20190807T080227_20190807T080743_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_NOPM_2_20190807T080750_20190807T080756_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_NOPM_2_20190807T081757_20190807T083123_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_NOPM_2_20190807T083337_20190807T085046_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_NOPM_2_20190807T091305_20190807T092327_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_NOPM_2_20190807T092506_20190807T093849_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_NOPM_2_20190807T094153_20190807T094654_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_NOPM_2_20190807T094732_20190807T094833_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_NOPM_2_20190807T100109_20190807T100800_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_NOPM_2_20190807T101226_20190807T101716_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_NOPM_2_20190807T101959_20190807T102548_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_NOPM_2_20190807T102710_20190807T102917_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_NOPM_2_20190807T105627_20190807T111706_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_NOPM_2_20190807T112222_20190807T112610_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_NOPM_2_20190807T112617_20190807T112626_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_NOPM_2_20190807T113340_20190807T115114_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_NOPM_2_20190807T122207_20190807T122255_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_NOPM_2_20190807T123306_20190807T125645_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_NOPM_2_20190807T130004_20190807T130524_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_NOPM_2_20190807T131244_20190807T132325_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_NOPM_2_20190807T132904_20190807T134520_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_NOPM_2_20190807T135838_20190807T135959_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_NOPM_2_20190807T140947_20190807T142818_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_NOPM_2_20190807T143156_20190807T143608_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_NOPM_2_20190807T144005_20190807T144801_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_NOPM_2_20190807T145347_20190807T152517_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_NOPM_2_20190807T154013_20190807T154053_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_NOPM_2_20190807T160036_20190807T161357_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_NOPM_2_20190807T161937_20190807T162450_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_NOPM_2_20190807T163156_20190807T165304_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_NOPM_2_20190807T165549_20190807T170724_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_NOPM_2_20190807T171641_20190807T172016_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_NOPM_2_20190807T172951_20190807T173354_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_NOPM_2_20190807T173552_20190807T174158_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_NOPM_2_20190807T174345_20190807T175353_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_NOPM_2_20190807T180117_20190807T180351_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_NOPM_2_20190807T181125_20190807T184734_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_NOPM_2_20190807T194500_20190807T194803_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_NOPM_2_20190807T195028_20190807T200525_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_NOPM_2_20190807T200659_20190807T201816_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_NOPM_2_20190807T203458_20190807T203709_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_NOPM_2_20190807T203956_20190807T205606_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_NOPM_2_20190807T211937_20190807T212218_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_NOPM_2_20190807T212235_20190807T212703_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_NOPM_2_20190807T212952_20190807T214350_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_NOPM_2_20190807T214530_20190807T214813_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_NOPM_2_20190807T221843_20190807T222059_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_NOPM_2_20190807T222222_20190807T222812_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_NOPM_2_20190807T223056_20190807T223340_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_NOPM_2_20190807T223343_20190807T225336_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_NOPM_2_20190807T225729_20190807T230611_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_NOPM_2_20190807T230929_20190807T233327_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_NOPM_2_20190807T233809_20190807T234222_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_NOPM_2_20190807T235717_20190807T235808_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_NOPN_2_20190807T071535_20190807T071614_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_NOPN_2_20190807T091111_20190807T091305_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_NOPN_2_20190807T112911_20190807T113128_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_NOPN_2_20190807T122255_20190807T122418_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_NOPN_2_20190807T143840_20190807T144005_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_NOPN_2_20190807T233328_20190807T233600_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_NOPR_2_20190807T044148_20190807T044521_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_NOPR_2_20190807T175353_20190807T175811_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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

Number of products with errors: 88		
Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20190807T012842_20190807T013035_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_NOPN_2_20190807T013639_20190807T013804_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_NOPN_2_20190807T022609_20190807T022950_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_NOPN_2_20190807T030619_20190807T030943_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_NOPN_2_20190807T031510_20190807T031627_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_NOPN_2_20190807T033527_20190807T033548_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_NOPN_2_20190807T035247_20190807T035334_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_NOPN_2_20190807T040750_20190807T040844_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_NOPN_2_20190807T044522_20190807T044842_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_NOPN_2_20190807T045400_20190807T045523_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_NOPN_2_20190807T051537_20190807T051903_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_NOPN_2_20190807T053628_20190807T053738_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_NOPN_2_20190807T063245_20190807T063306_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_NOPN_2_20190807T080051_20190807T080227_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_NOPN_2_20190807T080955_20190807T081156_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_NOPN_2_20190807T085413_20190807T085554_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_NOPN_2_20190807T091013_20190807T091111_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_NOPN_2_20190807T091111_20190807T091305_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_NOPN_2_20190807T094005_20190807T094152_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_NOPN_2_20190807T095637_20190807T100109_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_NOPN_2_20190807T100820_20190807T101226_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_NOPN_2_20190807T105024_20190807T105423_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_NOPN_2_20190807T112911_20190807T113128_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_NOPN_2_20190807T120709_20190807T121231_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_NOPN_2_20190807T122255_20190807T122418_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

De Um-gas, Num, 2 Jonatom 1920, 201000071104002, 200000071104002, 20000007100000, 200000070000000000000000000000000	CS_OFFL_SIR_NOPN_2_20190807T125838_20190807T130004_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
GO SH: URIN NOPH 2 201900/110009 201900/110019 2001 Perf Statestate Value / LAND NOPH 2 201900/11001990 2019000/110019 201900/110019 201900/110019 20190	CS_OFFL_SIR_NOPN_2_20190807T134520_20190807T134942_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS, OTTL, SR, NORV, 2, 201989/T16102, 201989/T16102, 2019 COOR Manuser florage Calify FLM. The COOR Shapes and Backarder Calify FLMs. The COOR Shapes and Backarder Calify FLMs. CS, OTTL, SR, NORV, 2, 201989/T16101, 201989/T16101, 201989/T16101, 201989/T16001, 201989/T16000, 201989/T16001, 201989/T16000, 201989/T16001, 201989/T16000, 201989/T160	CS_OFFL_SIR_NOPN_2_20190807T153939_20190807T154013_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Der Link, Sein, Kohn, 2. donation (1981) D000 Biokenate Gaily Inverseted. CS_UPH_SE, NOR4_2.2019800/110216_201000/1102166_000 D000 Biokenate Gaily The CO00 Range and Biokenate Cably Flag. CS_UPH_SE, NOR4_2.2019800/110216_201000/1102166_000 D000 Biokenate Gaily The Co00 Range and Biokenate Cably Flag. CS_UPH_SE, NOR4_2.2019800/110216_201000/110316_2000/10000/110316_2000/10000/110316_2000/10000/1000000 The CO000 Range and Biolecontin Cably Flag. There been set for one none record. CS_UPH_SE_NOPH_2_20198007120186_2000 D000 Altheret Flarge Cably Flag. The CO000 Range and Biolecontin Cably Flag. There been set for one none record. CS_UPH_SE_NOPH_2_20198007120186_2001 D000 Altheret Flarge Cably Flag. The CO000 Range and Biolecontin Cably Flag. There been set for one none record. CS_UPH_SE_NOPH_2_20198007120186_2001 D000 Altheret Flarge Cably Flag. The CO000 Range and Biolecontin Cably Flag. There been set for one none re	CS_OFFL_SIR_NOPN_2_20190807T154122_20190807T154246_C001	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Correl_Site_Normin_2_010800/1182402_010800/1182402_001 OCCOR Backester Calary Important Range, SINA, SIVE and Backester Calary CS_OFTL_SIR_NORM_2_010800/118247_010930_CC01 Occore Minister Range, SINA, SIVE and Backester Calary Important Range, SINA, SIVE and Backester Calary CS_OFTL_SIR_NORM_2_010800/118247_010930_CC01 Occore Minister Range, SINA, SIVE and Backester Calary Important Range, SINA, SIVE and Backester Calary CS_OFTL_SIR_NORM_2_010800/118247_010930_CT194926_C001 OCCOR Backester Calary Important Range, SINA, SIVE and Backester Calary CS_OFTL_SIR_NORM_2_010800/118247_010930_CT194926_C001 OCCOR Altered Range Calary FIRM, The OCCOR Range and Backester Calary The OCCOR Range and Backester Calary CS_OFTL_SIR_NORM_2_010800/1182492_010800/1192428_C001 OCCOR Altered Range Calary FIRM, The OCCOR Range and Backester Calary The OCCOR Range and Backester Calary FIRM, The OCCOR Range and Backester Calary Fire Parts and the other calary CS_OFFL_SIR_NORM_2_010900/17210916_C011 OCCOR Altered Range Calary FIRM, The OCCOR Range and Backester Calary Fire Parts and the other calary CS_OFFL_SIR_NORM_2_010900/17210916_C011 OCCOR Altered Range Calary The OCCOR Range and Backester Calary Fire Parts and the other calary CS_OFFL_SIR_NORM_2_010900/17210916_C011 OCCOR Altered Range Calary The OCCOR Range and Backester Calary Fire Parts and the other calary CS_OFFL_SIR_NORM_2_01090077210906_77210916_C011<	CS_OFFL_SIR_NOPN_2_20190807T161811_20190807T161937_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
GS_OPFL_SIR_NOPN_Z_20190807T18035_20190807T18035_001 and backsatter Caulity FLBS GS_OPFL_SIR_NOPN_Z_20190807T18035_20190807T18036_001 Decem Attimeter Farage SSIA. SMN and Backsatter Caulity FLBS GS_OPFL_SIR_NOPN_Z_20190807T18036_2019 Decem Attimeter Farage SSIA. SMN and Backsatter Caulity FLBS GS_OPFL_SIR_NOPN_Z_20190807T180362_0190007T184362_0001 DOCO Attimeter Farage SSIA. SMN and Backsatter Caulity FLBS GS_OPFL_SIR_NOPN_Z_20190807T184362_0190007T184362_0001 DOCO Attimeter Farage Caulity FLBS GS_OPFL_SIR_NOPN_Z_20190807T184362_0190007T184362_0001 DOCO Attimeter Farage Caulity FLBS GS_OPFL_SIR_NOPN_Z_20190807T184362_0190007T184362_0001 DOCO Attimeter Farage Caulity FLBS GS_OPFL_SIR_NOPN_Z_20190807T184362_019001 DOCO Attimeter Farage Caulity FLBS GS_OPFL_SIR_NOPN_Z_20190807T124362_019001 DOCO Attimeter Farage Caulity FLBS CS_OPFL_SIR_NOPN_Z_20190807T233760_20190007T233562_0001 DOCOG Attimeter Farage Caulity FLBS CS_OPFL_SIR_NOPN_Z_20190807T235760_20190007T215356_0001 DOCOG Attimeter Farage Caulity FLBS CS_OPFL_SIR_NOPN_Z_20190807T235760_20190007T215357_001 DOCOG Attimeter Farage Caulity FLBS CS_OPFL_SIR_NOPN_Z_20190807T215356_001 DOCOG Attimeter Farage SAUS The OCOOG Range and Backsatter Caulity FLBS CS_OPFL_SIR_NOPN_Z_20190807T2153576_00180017T235366_001 DOCOG Attimeter Farage S	CS_OFFL_SIR_NOPN_2_20190807T162450_20190807T162708_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFTL_SIR_NOPN_2_201980071163457_201980071163545_001 min Backcaster Quality FLRP, QCOD Minister Range of Backcaster Quality FLRP, COCOR Range and Backcastler Quality FLRP, Cocord Range and Backcastler Quality F	CS_OFFL_SIR_NOPN_2_20190807T180351_20190807T180903_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Corpert_SiR_NOPN_2_20108807129803_0198077119803_001 OCCOR Backsauter Qualty The OCCOR Barge and Backsauter Qualty Flags CS_OFFL_SIR_NOPN_2_20108807129863_019807712865 OCCOR Backsauter Qualty The OCCOR Barge and Backsauter Qualty Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20108807120196_0199097720056_C001 OCCOR Backsauter Qualty The OCCOR Barge and Backsauter Qualty Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201088071201966_01990877200566_C001 OCCOR Backsauter Qualty Flags The OCCOR Barge and Backsauter Qualty Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201088077201966_01990877200566_C001 OCCOR Backsauter Qualty Flags The OCCOR Barge and Backsauter Qualty Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201088077211932_01908077211937_C001 OCCOR Backsauter Qualty Flags The OCCOR Barge and Backsauter Qualty Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201088077211932_01908077221943_0001 OCCOR Backsauter Qualty Flags The OCCOR Barge and Backsauter Qualty Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201088077221943_0010 OCCOR Altimeter Range Qualty FLAM. The OCCOR Barge and Backsauter Qualty Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201088077221943_0010 OCCOR Altimeter Range Qualty FLAM. The OCCOR Barge and Backsauter Qualty Flags have been set for one more records.	CS_OFFL_SIR_NOPN_2_20190807T185457_20190807T185845_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CDUPT_SIR_INCPROC_20198007120300 DOOG Backscatter Quality proce records. CS_OFFL_SIR_NOPNL2_20190807720300_201980607720300_C001 COOG Altmeter Range Quality PLMM. The OCOG Range and Backscatter Quality Flags have been set for one roor records. CS_OFFL_SIR_NOPNL2_201908077203010_201908077203616_201908077203656_C001 COOG Altmeter Range Quality PLMM. The OCOG Range and Backscatter Quality Flags have been set for one roor records. CS_OFFL_SIR_NOPNL2_201908077213282_201908077213282 COOG Altmeter Range Quality PLMM. The OCOG Range and Backscatter Quality Flags have been set for one roor records. CS_OFFL_SIR_NOPNL2_201908077213282 COOG Altmeter Range Quality PLMM. The OCOG Range and Backscatter Quality Flags have been set for one records. CS_OFFL_SIR_NOPNL2_201908077212842_C001 COGG Altmeter Range. SNA, SWH and Backscatter Quality Flags have been set for one records. CS_OFFL_SIR_NOPNL2_201908077221942_C001 Decan Altmeter Range. SNA, SWH and Backscatter Quality Flags have been set for one roor records. CS_OFFL_SIR_NOPNL2_201908077221942_C001 Decan Altmeter Range. SNA, SWH and Backscatter Quality Flags have been set for one roor records. CS_OFFL_SIR_NOPNL2_201908077221942_C01908077221942_C001 DCGG Altmeter Range. SNA, SWH and Backscatter Quality Flags have been set for one roor records. CS_OFFL_SIR_NOPNL2_201908077233000_C001 COGG Altmeter Range Quality PLMM. The OCOG Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPN_2_20190807T193829_20190807T194103_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Construction COCG Backscatter Quality Inter records. OS_OFFL_SIR_NOPH_2_201908077203709_201908077203966_C001 COCG Attimeter Range Quality PLRM. The COCOR Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPH_2_201908077205616_20190807721937.00 COCG Attimeter Range Quality PLRM. The COCOR Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPH_2_201908077211937_C001 COCG Attimeter Range Quality PLRM. The COCOR Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPH_2_20190807721203_01908077211937_C001 COCG Attimeter Range SNA, SVM and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPH_2_20190807721203_01908077212042_C001 Attimeter Range, SSNA, SVM and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPH_2_201908077221615_201908077221643_C001 OCCGG Attimeter Range, SSNA, SVM and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPH_2_201908077233280_C001 CCCGG Attimeter Range Guality PLRM. The COCGR Attimeter Range. SSNA, SVM and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPH_2_201908077233280_C010 CCCGG Attimeter Range Guality PLRM. The COCGR Attimeter Range. SSNA, SVM and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPH_2_201908077233280_C010 CCCGG Attimeter Range Gu	CS_OFFL_SIR_NOPN_2_20190807T194803_20190807T194926_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
DCCG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20100807T205818_20100807T20585_C001 OCCG Atmeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one- more records. CS_OFFL_SIR_NOPN_2_20100807T21238_20100807T211837_C001 OCCG Attmeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one- more records. CS_OFFL_SIR_NOPN_2_20100807T21203_0100807T212844_C001 Ocean Attmeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20108807T221615_20108807T221843_C001 OccG Attmeter Range Quality PLRM, one attracter Range Quality PLRM, oCCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20108807T233808_C001 OCCG Attmeter Range Quality PLRM, The OCCG Range and Backscatter Quality Flags have been set for one- more records. CS_OFFL_SIR_NOPN_2_20108807T233808_C001 OCCG Attmeter Range Quality PLRM, CCGG Backscatter Quality PLRM, CCGG Backscatter Quality Flags have been set for one- more records. CS_OFFL_SIR_NOPN_2_20108807T233808_C001 OCCG Attmeter Range Quality PLRM, CCGG Backscatter Quality PLRM, CCGG Attmeter Range Quality PLRM, CCGG Backscatter Q	CS_OFFL_SIR_NOPN_2_20190807T201816_20190807T202050_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_201908077211328_201908077211937_C001 OCCG Backscatter Quality Innore records. CS_OFFL_SIR_NOPN_2_201908077211328_001908077211937_C001 OCCG Altimeter Range Quality PLRM. The OCCG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807721203_01908077212844_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one more records. The OCCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201908077221615_01908077221843_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201908077223640_01908077233600_C001 OCCG Altimeter Range Quality PLRM. The OCCGR Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201908077233640_01908077233600_C001 OCCG Altimeter Range Quality PLRM. The OCCGR Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201908077233640_01908077233600_C001 OCCGA Altimeter Range Quality PLRM. The OCCGR Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201908077233600_C001 OCCGA Altimeter Range Quality PLRM. The OCCGR Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_201908077233600_C001 OCCGA Altimeter Range Quality PLRM. The OCCG Range	CS_OFFL_SIR_NOPN_2_20190807T203709_20190807T203956_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OCCOG Backscatter Quality Interester CS_OFFL_SIR_NOPN_2_20190807721203_201908077212844_C001 OCCOG Backscatter Quality FIRM, OCCOG Attimeter Range, SSHA, SWH and Backscatter Quality FIRM, OCCOG Attimeter Range, SSHA, SWH The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality FIRM, OCCOG Attimeter Range, SSHA, SWH CS_OFFL_SIR_NOPN_2_201908077221615_2019080771221843_C001 OCCOG Attimeter Range, SSHA, SWH and Backscatter Quality FIRM, OCCOG Attimeter Range, SSHA, SWH The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality FIRM, OCCOG Attimeter Range, SSHA, SWH CS_OFFL_SIR_NOPN_2_201908077231843_C001 OCCOG Attimeter Range, Cuality FIRM, OCCOG Attimeter Range, Quality FIRM, OCCOG CoG Backscatter Quality The OCCOG Range and Backscatter Quality FIRM, OCCOG CoG Backscatter Quality CS_OFFL_SIR_NOPN_2_201908077233648_201908077233608_C001 OCCOG Backscatter Quality The OCCOG Range and Backscatter Quality FIRM, OCCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_201908077234242_201908077234945_C001 OCCOG Attimeter Range Quality FIRM, OCCOG Backscatter Quality The OCCOG Range and Backscatter Quality Flags have been set for one- more records. CS_OFFL_SIR_NOPN_2_201908077235080_201908077235930_C001 OCCOG Attimeter Range, Quality PLRM, OCCOG Backscatter Quality The OCCOG Range and Backscatter Quality Flags have been set for one- more records. CS_OFFL_SIR_NOPN_2_20190807703508_20190807703509_C001 OCCOG Attimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCCCO Attimeter Range and Backscatter Quality FLRM, OCCOG Backscat	CS_OFFL_SIR_NOPN_2_20190807T205818_20190807T205855_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190807T212703_20190807T212844_C001 Ind Backscatter Quality PLRM, COCG Ind DeCGO Alimeter Range and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190807T221615_20190807T221843_C001 Ocean Alimeter Range, SSHA, SWH and Backscatter Quality PLRM, COCG The OCGO Alimeter Range and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190807T221615_20190807T221843_C001 OCCG Alimeter Range Quality PLRM, COCG The OCGO Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190807T233648_20190807T233608_C001 OCCG Alimeter Range Quality PLRM, CCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190807T234542_C001 OCCG Alimeter Range Quality PLRM, CCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190807T234545_C001 OCCG Alimeter Range Quality PLRM, CCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190807T235232_20190807T235717_C001 OCCG Alimeter Range Quality PLRM, CCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190807T235808_20190807T235930_C001 OCCG Alimeter Range Quality PLRM, CCG Backscatter Quality PLRM, CCGG Backscatter Quality PLRM, CCG Backscatter Quality PLRM	CS_OFFL_SIR_NOPN_2_20190807T211328_20190807T211937_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190807T221615_20190807T221843_C001 and Backscatter Quality PLRM Ine OcoG Raineet Range, SEA, SWH and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20190807T223328_20190807T233328_20190807T233328_20190807T2333808_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807T233648_20190807T233808_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807T234282_20190807T234345_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807T235232_20190807T235717_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807T235808_20190807T235930_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807T003507_20190807T003708_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, S	CS_OFFL_SIR_NOPN_2_20190807T212703_20190807T212844_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190807T233648_20190807T233808_C001 OCCG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20190807T233648_20190807T233808_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807T234222_20190807T234345_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807T235232_20190807T235717_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807T235808_20190807T235930_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPR_2_20190807T003507_20190807T003708_C001 OCCG Altimeter Range, SHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range, SHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have bee set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T021749_20190807T022609_C001 Altimeter Range, SHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range, SHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range,	CS_OFFL_SIR_NOPN_2_20190807T221615_20190807T221843_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190807T234222_20190807T234345_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20190807T234222_20190807T234345_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one imore records. CS_OFFL_SIR_NOPN_2_20190807T235232_20190807T235717_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one imore records. CS_OFFL_SIR_NOPN_2_20190807T235808_20190807T235930_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one imore records. CS_OFFL_SIR_NOPR_2_20190807T003507_20190807T003708_C001 OCean Altimeter Range, SHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T003805_20190807T022609_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the	CS_OFFL_SIR_NOPN_2_20190807T233328_20190807T233600_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_201908071235232_201908071235717_C001 OCOG Backscatter Quality Imore records. CS_OFFL_SIR_NOPN_2_20190807T235232_20190807T235717_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20190807T235808_20190807T235930_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPR_2_20190807T003507_20190807T003708_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T003507_20190807T003708_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality PLRM, OCOG Altimeter Range, and Backscatter Quality Flags have been and Backscatt	CS_OFFL_SIR_NOPN_2_20190807T233648_20190807T233808_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_2019080/T23522_2019080/T235930_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20190807T235808_20190807T235930_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T021749_20190807T022609_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T030618_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have bee and	CS_OFFL_SIR_NOPN_2_20190807T234222_20190807T234345_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190607T003507_20190807T003708_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_20190807T003507_20190807T003708_C001 Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have bee set for one or more records. The Ocean Attimeter Range, SSHA, SWH and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have bee set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T0030147_20190807T030618_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have bee set for one or more records. The Ocean Attimeter Range, SSHA, SWH and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have bee set for one or more records.	CS_OFFL_SIR_NOPN_2_20190807T235232_20190807T235717_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190807T003507_20190807T003708_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM In the OCGA Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCGA Attimeter Range and Backscatter Quality Flags and the OCGA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have bee set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T003905_20190807T004409_C001 Dcean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have bee set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T030147_20190807T030618_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have bee set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T030147_20190807T030618_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have bee set for one or more records.	CS_OFFL_SIR_NOPN_2_20190807T235808_20190807T235930_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190807T003905_20190807T004409_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ind OCGa Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCGA Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20190807T021749_20190807T022609_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T030147_20190807T030618_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records.	CS_OFFL_SIR_NOPR_2_20190807T003507_20190807T003708_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190807T021749_20190807T022609_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ind Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_NOPR_2_20190807T030147_20190807T030618_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG	CS_OFFL_SIR_NOPR_2_20190807T003905_20190807T004409_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190807T030147_20190807T030618_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and the OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records.	CS_OFFL_SIR_NOPR_2_20190807T021749_20190807T022609_C001	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_NOPR_2_20190807T030147_20190807T030618_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_NOPR_2_20190807T031627_20190807T031858_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190807T034955_20190807T035231_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter QUALITA PLRM, OCOG Backscatter QUALITA PLRM, OC	CS_OFFL_SIR_NOPR_2_20190807T034955_20190807T035231_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_NOPR_2_20190807T041749_20190807T042033_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_NOPR_2_20190807T044148_20190807T044521_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_NOPR_2_20190807T044947_20190807T044951_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_NOPR_2_20190807T045523_20190807T045929_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_NOPR_2_20190807T053416_20190807T053504_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_NOPR_2_20190807T053738_20190807T054527_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_NOPR_2_20190807T063406_20190807T063945_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_NOPR_2_20190807T071640_20190807T072342_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_NOPR_2_20190807T080000_20190807T080051_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_NOPR_2_20190807T081156_20190807T081757_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_NOPR_2_20190807T083123_20190807T083337_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_NOPR_2_20190807T085554_20190807T090256_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_NOPR_2_20190807T093849_20190807T094005_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_NOPR_2_20190807T104001_20190807T104101_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_NOPR_2_20190807T111706_20190807T111910_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_NOPR_2_20190807T113128_20190807T113340_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_NOPR_2_20190807T125645_20190807T125838_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_NOPR_2_20190807T131019_20190807T131244_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_NOPR_2_20190807T143608_20190807T143840_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_NOPR_2_20190807T144913_20190807T145347_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_NOPR_2_20190807T152621_20190807T152714_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_NOPR_2_20190807T154922_20190807T155059_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_NOPR_2_20190807T161357_20190807T161811_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_NOPR_2_20190807T162753_20190807T163156_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_NOPR_2_20190807T172016_20190807T172639_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_NOPR_2_20190807T175353_20190807T175811_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_NOPR_2_20190807T180903_20190807T181124_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_NOPR_2_20190807T184734_20190807T184850_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_NOPR_2_20190807T193127_20190807T193829_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_NOPR_2_20190807T194926_20190807T195028_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_NOPR_2_20190807T200525_20190807T200604_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_NOPR_2_20190807T205606_20190807T205818_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_NOPR_2_20190807T212845_20190807T212952_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_NOPR_2_20190807T215045_20190807T215240_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_NOPR_2_20190807T220701_20190807T220827_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_NOPR_2_20190807T230803_20190807T230929_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
L2 Quality Flags (1 Hz & 1Hz PLRM)		

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

169

50

132

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

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Number of products with errors:
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5.7 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20Hz)

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

Ocean Retracking Quality Flag: This flag is currently set for products falling at ocean/ land boundaries, but this is expected.

Number of	products with	errors:

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 NOPR and NOPN products over sea ice, but this is to be expected.

Number of products with errors: