

QA4EO Daily Report for NOP data:

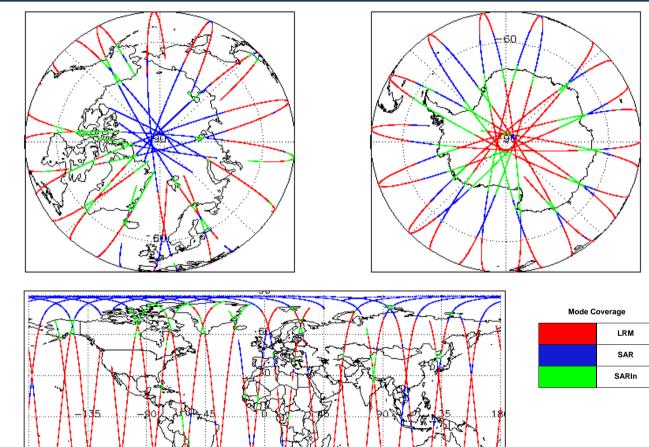
24/09/2021

Conort Draduation	27 Son 2021	Check	L1 & L2
Report Production:	27-Sep-2021	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Useu:	CryoSat Ocean Processor	Product Software Check	Nominal
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	Product Format Check	Nominal
Data Used:		Product Header Analysis	Nominal
		Auxiliary Data File Usage Check	Nominal
		Auxiliary Correction Error Check	See Section 5.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5
		Measurement Quality Flag Check	See Section 5.6
		Ocean Retracking Quality Check	See Section 5.7
		QCC Error/ Warning Check	See Section 7.1 and 7.2

1. Overview

Mission / Instrument News				
23-Sep-2021	None			
24-Sep-2021	None			
25-Sep-2021	Nothing planned			







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

SIRAL instrument(s) in use:	SIRAL - A
Star Tracker(s) in use:	Star Tracker 1

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). 0

30.

60

Number of products with errors:

4.2 L1B Product Header Analysis

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

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

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

Dynamic Atmospheric Correction: The DAC is missing in all products because the auxiliary files required are not available in time for processing. This known and expected behaviour.

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

2

12

0

0

0

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20210924T153511_20210924T153542_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20210924T222223_20210924T223026_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 products over land, but this is to be expected.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20210924T020948_20210924T022113_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20210924T142259_20210924T144402_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20210924T153511_20210924T153542_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20210924T174738_20210924T180213_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210924T054738_20210924T054857_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210924T072222_20210924T072258_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210924T153420_20210924T153511_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210924T185229_20210924T185527_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210924T010340_20210924T010417_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210924T014155_20210924T014609_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210924T072258_20210924T072714_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210924T165443_20210924T165513_C001	Loss of Echo	The tracking echo is missing for one or more records

5. NOP 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:

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.

Wind Model File Usage: This file is currently not included in all L2 products.

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

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

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

> 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.

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210924T183811_20210924T185229_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-	There is an error with the Mean Dynamic Topography (solution 1), the Tota Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Nor Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_NOPN_2_20210924T013850_20210924T014155_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_20210924T031152_20210924T031459_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_20210924T031751_20210924T032133_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_20210924T045230_20210924T045504_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_20210924T054738_20210924T054857_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20210924T062726_20210924T063345_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_20210924T072714_20210924T072922_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_20210924T080953_20210924T081128_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_20210924T082022_20210924T082222_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_20210924T090627_20210924T091113_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_20210924T095812_20210924T100041_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_20210924T112909_20210924T113301_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide	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_20210924T121935_20210924T122033_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_20210924T130855_20210924T131208_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_20210924T131723_20210924T131836_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_20210924T144618_20210924T145042_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_20210924T145627_20210924T145747_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_20210924T153420_20210924T153511_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_20210924T153552_20210924T153809_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_20210924T163400_20210924T163548_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_20210924T171807_20210924T171909_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_20210924T181208_20210924T181433_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_20210924T185229_20210924T185527_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_20210924T185602_20210924T185814_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_20210924T194212_20210924T194432_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_20210924T203245_20210924T203637_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_20210924T204149_20210924T204223_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_20210924T212231_20210924T212504_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_20210924T213227_20210924T213410_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_20210924T072258_20210924T072714_C001	Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic

CS_OFFL_SIR_NOPR_2_20210924T090114_20210924T090627_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_20210924T104052_20210924T104700_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_20210924T120937_20210924T121115_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_20210924T122033_20210924T122821_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_20210924T135851_20210924T140736_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_20210924T154003_20210924T154800_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_20210924T171909_20210924T172438_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_20210924T172528_20210924T172637_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_20210924T185814_20210924T190512_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_20210924T203637_20210924T204149_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_20210924T221419_20210924T222158_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_20210924T235241_20210924T235912_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number o	f products with errors:
----------	-------------------------

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210924T153511_20210924T153542_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20210924T222223_20210924T223026_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.

2

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

89

Number	of	products	with	orrore.

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210924T000731_20210924T003919_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_20210924T005121_20210924T005337_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_20210924T012228_20210924T012746_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_20210924T013333_20210924T013850_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_20210924T014609_20210924T020703_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_20210924T020948_20210924T022113_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_20210924T023032_20210924T023522_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_20210924T025017_20210924T025554_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_20210924T025742_20210924T030735_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_20210924T031459_20210924T031751_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_20210924T032516_20210924T035109_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_20210924T035248_20210924T040112_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_20210924T041239_20210924T041318_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_20210924T041405_20210924T042055_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_20210924T042108_20210924T044528_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_20210924T045504_20210924T045659_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_20210924T045920_20210924T050151_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_20210924T050432_20210924T050817_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_20210924T050909_20210924T052029_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_20210924T052033_20210924T053056_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_20210924T054857_20210924T055255_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_20210924T055418_20210924T061003_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_20210924T061848_20210924T062719_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_20210924T063640_20210924T064106_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_20210924T064403_20210924T065752_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_20210924T065931_20210924T070334_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_20210924T071407_20210924T071439_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_20210924T072935_20210924T073021_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_20210924T073621_20210924T074331_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_20210924T074454_20210924T080735_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_20210924T081128_20210924T082022_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_20210924T082351_20210924T084632_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_20210924T090051_20210924T090114_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_20210924T091331_20210924T092120_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_20210924T092124_20210924T094709_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_20210924T095346_20210924T095812_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_20210924T100319_20210924T102703_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_20210924T105518_20210924T105807_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_20210924T105816_20210924T112505_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_20210924T113301_20210924T113851_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_20210924T114215_20210924T115619_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_20210924T123128_20210924T130442_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_20210924T131208_20210924T131723_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_20210924T132408_20210924T132751_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_20210924T133408_20210924T133552_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_20210924T135439_20210924T135851_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_20210924T140736_20210924T140823_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_20210924T140852_20210924T142013_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_20210924T142259_20210924T144402_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_20210924T145217_20210924T145627_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_20210924T150140_20210924T151135_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_20210924T151322_20210924T152039_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_20210924T152135_20210924T152541_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_20210924T154800_20210924T155050_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_20210924T155052_20210924T155107_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_20210924T155110_20210924T155542_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_20210924T155721_20210924T162256_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_20210924T162541_20210924T163110_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_20210924T163129_20210924T163400_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_20210924T164213_20210924T165443_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_20210924T165513_20210924T171231_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_20210924T173552_20210924T174535_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_20210924T174738_20210924T180213_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.

CL_CPT_LER_LOPPL_LISE INSTANCES CCCCP SPENDER 2014 CCCCP SPENDE			
Calculation Description Description Description Calculation Backback Description Description Description Calculation Description	CS_OFFL_SIR_NOPM_2_20210924T180510_20210924T181008_C001		
CS, DTL, SRL NOTH, Z. 2010021119021 2011022110220 and blackabelin basing outdown with early outdo	CS_OFFL_SIR_NOPM_2_20210924T181046_20210924T181208_C001		
65 OPT. SR MORU 2. 2013001116231 201300116230 Coll Coll Andream Cauly, DOCA Andream Cauly, Coll Andream C	CS_OFFL_SIR_NOPM_2_20210924T181932_20210924T183043_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Bits Desk Desk <th< td=""><td>CS_OFFL_SIR_NOPM_2_20210924T183811_20210924T185229_C001</td><td>and Backscatter Quality, OCOG Altimeter</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></th<>	CS_OFFL_SIR_NOPM_2_20210924T183811_20210924T185229_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CSUDPTICUMUCUALITY Excelor Clashy For order more machine. CSUDPTICUMUCUALITY Control Entry In the Orders Antennet Range, SSH4, SNYL and Basescent Clashy Test CSUDPTICUMUCUALITY Control Entry In the Orders Antennet Range, SSH4, SNYL and Basescent Clashy Test CSUDPTICUMUUCUALITY CONTROL Entry In the Orders Antennet Range, SSH4, SNYL and Basescent Clashy Test CSUDPTICUMUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	CS_OFFL_SIR_NOPM_2_20210924T192702_20210924T194051_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
65,0FT_UBR_NOPM_2_30219924T20232_0219 Implementation County, DOCO Almeers, and Exclosure County, Plags have been set that non-means. 62,0FT_UBR_NOPM_2_30219924T20150_0221924T20150_0091 COCO Almeers Range Set Quark, Soth and Backsonter County, Plags have been set that non-means. 62,0FT_UBR_NOPM_2_30219924T21500_102_021924T21500_0091 COCO Almeers Range Set Quark, Soth and Backsonter County, Plags have been set that Sourceaster County, OCO Almeers Range Set Quark, Soth and Backsonter County, Plags have been set that Sourceaster County, COCO Almeers Range Set Quark, Soth and Backsonter County, Plags have been set that Sourceaster County, COCO Almeers Range County, COCO Almeers Range Set Quark, Soth and Backsonter County, Plags have been set that Sourceaster County, COCO Almeers Range County, COCO Almeers Range, Set Alm	CS_OFFL_SIR_NOPM_2_20210924T194432_20210924T194921_C001		
CSUPT_SPL_SWIP Ear one or more mode. CSUPT_SPL_SWIP Ear one or more mode. CSUPT_SPL_SWIP Cools Almeter Range, SBLA, SWIP CSUPT_SPL_SWIP Cools Almeter Range, SSLA, SWIP and Elastication Coulty Flags have been set bit of end or more records. CSUPT_SPL_SWIP COOL Almeter Range, SSLA, SWIP The COOL Almeter Range, SSLA, SWIP and Elastication Coulty Flags have been set bit of end or more records. CSUPT_SPL_SWIP Cools Almeter Range, SSLA, SWIP The COOL Almeter Range, SSLA, SWIP and Elastication Coulty Flags have been set bit of end or more records. CSUPT_SPL_SWIP Cools Almeter Range, SSLA, SWIP The Cools Almeter Range, SSLA, SWIP and Elastication Coulty Flags have been set bit or end or more records. CSUPT_SPL_SWIP Cools Almeter Range, SSLA, SWIP The Cools Almeter Range, SSLA, SWIP and Elastication Coulty Flags have been set bit or end or more records. CSUPT_SPL_SWIP Cools Almeter Range, SSLA, SWIP The Cools Almeter Range, SSLA, SWIP and Elastication Coulty Flags have been set bit or end no	CS_OFFL_SIR_NOPM_2_20210924T195716_20210924T202255_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS 0FFL SR: NOPA 2 30210024122007.2001004121080.C001 And Backster Quality, COG, Allmeter Ange and Backster Quality Flags have been set on one more secole. CS_0FFL_SRI_NOPAL2_0210024121254_202100241212837_C001 COG Allmeter Ange Quality, OCOG The COG Allmeter Ange and Backster Quality Flags have been set on one more secole. CS_0FFL_SRI_NOPAL2_021002417212807_C001 COG Allmeter Ange and Backster Quality Flags have been set on one more secole. The COG Allmeter Ange and Backster Quality Flags have been set on one on more secole. CS_0FFL_SRI_NOPAL2_02100241721807_C001 COG Allmeter Ange and Backster Quality Flags have been set on one on one secole. CS_0FFL_SRI_NOPAL2_02100241721807_C001 COG Allmeter Ange SSHA_SVH and the COG Allmeter Ange SSHA_SVH and the COG Allmeter Ange SSHA_SVH and Backster Quality Flags have been set on on one secole. CS_0FFL_SRI_NOPAL2_021002417228010_C0102417228020_C001 COG Allmeter Ange SSHA_SVH and Backster Quality Flags have been set on on one secole. CS_0FFL_SRI_NOPAL2_021002417228010_C011 COG Allmeter Ange SSHA_SVH and Backster Quality Flags have been set on on one secole. CS_0FFL_SRI_NOPAL2_021002417228010_C011 COG Allmeter Ange SSHA_SVH and Backster Quality Flags have been set on one secole. CS_0FFL_SRI_NOPAL2_02100241723010_2010241723010_C01201 COG Allmeter Ange SSHA_SVH and Backster Quality Flags have been set on one secole. CS_0FFL_SRI_NOPAL2_020100241723010_2010241723010_C01201 COG Allmeter Ange SSHA_SVH The COG Allmeter Ange SSHA_SVH and Backster Quality Flags h	CS_OFFL_SIR_NOPM_2_20210924T205102_20210924T205120_C001		
CSUPEL_SPLORPH_C2_001102112109_0012100011210001 Baddscatter Quality The original model CS_0FFL_SR_NOPM_2_002100241212000_002100241213227_C001 RCG0 Akmeter Range Daily, CCC0 The OCC0 Akmeter Range and Backscatter Quality Flags have been set for one more records. CS_0FFL_SR_NOPM_2_00210024122000_002100241220026_C001 Readescatter Quality The OCC0 Akmeter Range and Backscatter Quality Flags have been set for one more records. CS_0FFL_SR_NOPM_2_002100241220023_002100241220026_C001 Readescatter Quality The OCC0 Akmeter Range and Backscatter Quality Flags have been set for one more records. CS_0FFL_SR_NOPM_2_002100241220024_200041220026_C001 Readescatter Quality The Ocean Akmeter Range SNA_SWH The Ocean Akmeter Range SNA_SWH Range and Backscatter Quality The Ocean Akmeter Range SNA_SWH The Ocean Akmeter Range SNA_SWH Range and Backscatter Quality The Ocean Akmeter Range SNA_SWH The Ocean Akmeter Range SNA_SWH Range and Backscatter Quality The Ocean Akmeter Range SNA_SWH The Ocean Akmeter Range SNA_SWH Range and Backscatter Quality The Ocean Akmeter Range SNA_SWH Range and Backscatter Quality CS_0FFL_SR_NOPM_2_002109247201024_2009247201024_2009247201024_2009247201024_2009247201024_20092 COC0A Akmeter Range Quality, OCC00 The OCC0A Akmeter Range and Backscatter Quality Flags have been set for one more records. CS_0FFL_SR_NOPM_2_002109247201024_20109247201024_2019247201092 COC0A Akmeter Range Quality, OCC00 The OCC0A Akmeter Range and Backscatter Quality Flags have been set for one more	CS_OFFL_SIR_NOPM_2_20210924T205726_20210924T211806_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
US_DHPL_SR_NOPM_2_20210924121800_02010924123023_0001 Backcaster Quality for one or more records. CS_OFFL_SR_NOPM_2_20210924121803_0210924122023_0001 Ocean Attimeter Range, SSH, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Attimeter Range, SSH, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210924122023_0010241220026_001 Ocean Attimeter Range, SSH, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Attimeter Range, SSH, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_202109241220201_020109241220076_001 Ocean Attimeter Range, SSH, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_202109241220752_001 OCCA Attimeter Range Quality, COCO The Ocean Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_202109241220752_001 OCCA Attimeter Range Quality, COCO The OCOA Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_202109241230752_02109241230752_001 OCCA Attimeter Range Quality, COCO The OCOA Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_202109241231053_0201092417234031_0001 Occan Attimeter Range Quality, COCO The OCOA Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR	CS_OFFL_SIR_NOPM_2_20210924T212504_20210924T212837_C001		
C3. DFFL_SIR_NOPM_2_20210241723003_02119241720233_C001 and Backscatter Quality, CCO Altimeter Range and Backscatter Quality Flags have been set for one or more records. C3OFFL_SIR_NOPM_2_20210241722223_021002417223026_C001 Coam Altimeter Range SIA, SVH1 and Backscatter Quality, Flags have been set for one or more records. C3OFFL_SIR_NOPM_2_202102417223001_021192417226918_C001 Coam Altimeter Range Aud Backscatter Quality, Flags have been set for one or more records. C3OFFL_SIR_NOPM_2_20210241723001_2021092417226918_C001 Cocam Altimeter Range Quality, CCOO Altimeter Ange and Backscatter Quality Flags have been set for one or more records. C3OFFL_SIR_NOPM_2_2021092417230752_C001 CCCGA Altimeter Range Quality, CCOO Altimeter Range and Backscatter Quality Flags have been set for one or more records. C3OFFL_SIR_NOPM_2_2021092417230759_2021092417231128_C001 CCCGA Altimeter Range Quality, CCOO Altimeter Range and Backscatter Quality Flags have been set for one or more records. C3OFFL_SIR_NOPM_2_2021092417230759_2021092417231128_C001 CCCGA Altimeter Range Quality, CCOO Altimeter Range and Backscatter Quality Flags have been set for one or more records. C3OFFL_SIR_NOPM_2_2021092417231503_2021092417234931_C001 CCCGA Altimeter Range Quality, CCOO Altimeter Range and Backscatter Quality Flags have been set for one or more records. C3OFFL_SIR_NOPM_2_2021092417122821_0221092417122825_C001 CCCGA Altimeter Range Quality, CCOO Altimeter Range and Backscatter Quality Flags have been set for one or more records. C3OFFL_SIR_NOPM_2_2021092417122821_022	CS_OFFL_SIR_NOPM_2_20210924T212900_20210924T213227_C001		
CS. OFFL_SR_NOPM_2_20210924T22232.20210924T223065_C001 and Backscater Quality COGQ Altimeter and end backscater Quality Flags have been set for one or more records. CS. OFFL_SR_NOPM_2_20210924T223051_20210924T2230752_C001 Cocan Altimeter Range Quality, COGQ Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS. OFFL_SR_NOPM_2_20210924T23055_20210924T230752_C001 COCGA Altimeter Range Quality, COCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS. OFFL_SR_NOPM_2_20210924T230759_C001 COCGA Altimeter Range Quality, COCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210924T230759_C010924T231128_C001 COCGA Altimeter Range Quality, COCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210924T23153_20210924T23153_C001 Cocan Altimeter Range Quality, COCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210924T23153_20210924T23153_C001 COCGA Altimeter Range Quality, COCG The OCGGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210924T12282_02010924T122825_C001 COCGA Altimeter Range Quality, COCG The OCGGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210924T12282_0210924T122825_C001 COCGA Altimeter Range Quality,	CS_OFFL_SIR_NOPM_2_20210924T213603_20210924T220223_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210924T2230154_20210924T2230759_C001 and Backscatter Quality, CCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210924T230254_20210924T230759_C001 CCCG Altimeter Range Quality, CCCG Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210924T230759_20210924T231128_C001 CCCG Altimeter Range Quality, CCCG Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210924T23155_20210924T23193_C001 CCCG Altimeter Range Quality, CCCG Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210924T23155_20210924T23493_C001 CCCG Altimeter Range Quality, CCCG Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210924T23155_20210924T23493_C001 CCCG Altimeter Range Quality, CCCG Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210924T192821_2010924T122925_C001 CCCG Altimeter Range Quality, CCCG Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T192821_2010924T122925_C001 CCCG Altimeter Range Quality, CCCG Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T192822_2010924T192925_C001 CCCG Altimeter Range Quality, CCCG Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T192952_C001 CCCG Altimeter Range Quality, CCCG Backscatter Quality, Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20210924T222223_20210924T223026_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OS_OFFL_SIR_NOPM_2_20210924T120054_00210924T120152_0001 Backscatter Quality For one or more records. CS_OFFL_SIR_NOPM_2_20210924T23153_02210924T231128_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range College The Ocog Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210924T231553_02210924T23153_02210924T23153_02210924T234931_C001 Occan 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_20210924T091209_02210924T091331_C001 DCOG 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_20210924T122821_02010924T122925_C001 DCOG 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_20210924T122824_0210924T122925_C001 DCOG 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_20210924T12854_0210924T12295_C001 DCOG 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_20210924T12854_02010924T1422552_C001 DCOG Altimeter Range Quality, OCOG Backscatter Qualit	CS_OFFL_SIR_NOPM_2_20210924T223601_20210924T225919_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OPFL_SIR_NOPM_2_202109241230739_20210924T234931_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPM_2_20210924T231553_20210924T234931_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T122821_20210924T122825_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, Plags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T122821_20210924T122825_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, Plags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T122821_20210924T122925_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, Plags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T12882_20210924T195132_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, Plags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T212854_20210924T212900_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, Plags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T122952_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, Plags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T122952_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, Plags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210924T230254_20210924T230752_C001		
CS_OFFL_SIR_NOPM_2_20210924T231553_20210924T234931_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T091209_20210924T091331_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T122821_20210924T122925_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001 Ocean Alt	CS_OFFL_SIR_NOPM_2_20210924T230759_20210924T231128_C001		
CS_OFFL_SIR_NOPN_2_20210924T122821_20210924T122925_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_20210924T122821_20210924T122925_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T12581_20210924T195132_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T212854_20210924T212900_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T023522_20210924T023905_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001 OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_	CS_OFFL_SIR_NOPM_2_20210924T231553_20210924T234931_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20210924T12282_20210924T195132_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_20210924T195112_20210924T195132_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210924T212854_20210924T212800_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T023522_20210924T023905_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T153542_20210924T153552_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 <td< td=""><td>CS_OFFL_SIR_NOPN_2_20210924T091209_20210924T091331_C001</td><td></td><td></td></td<>	CS_OFFL_SIR_NOPN_2_20210924T091209_20210924T091331_C001		
CS_OFFL_SIR_NOPN_2_20210924T195112_20210924T195132_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_20210924T212854_20210924T212900_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_20210924T023522_20210924T023905_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_20210924T142013_20210924T142259_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T153542_20210924T153552_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T1255919	CS_OFFL_SIR_NOPN_2_20210924T122821_20210924T122925_C001		
CS_OFFL_SIR_NOPR_2_202109241212854_202109241212900_0001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPR_2_20210924T023522_20210924T023905_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_20210924T142013_20210924T142059_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags nave been set Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags nave been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags nave been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T153542_20210924T153552_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags nave been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags nave been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags nave been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T255919_20210924T225919_20210924T230125_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags nave been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T225919_20210924T230125_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags nave been set for one or more records.	CS_OFFL_SIR_NOPN_2_20210924T195112_20210924T195132_C001		
CS_OFFL_SIR_NOPR_2_202109241023522_202109241023905_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T153542_20210924T153552_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T225919_20210924T230125_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T225919_20210924T230125_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20210924T212854_20210924T212900_C001		
CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and backscatter Quality <td>CS_OFFL_SIR_NOPR_2_20210924T023522_20210924T023905_C001</td> <td></td> <td></td>	CS_OFFL_SIR_NOPR_2_20210924T023522_20210924T023905_C001		
CS_OFFL_SIR_NOPR_2_20210924T153542_20210924T153552_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T295919_20210924T230125_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPR_2_20210924T142013_20210924T142259_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T225919_20210924T230125_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags	CS_OFFL_SIR_NOPR_2_20210924T153542_20210924T153552_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210924T225919_20210924T230125_C001 and Backscatter Quality, OCOG Altimeter and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPR_2_20210924T195535_20210924T195716_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPR_2_20210924T225919_20210924T230125_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been

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: 83		
Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20210924T003919_20210924T004046_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_20210924T004140_20210924T004312_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_20210924T005516_20210924T005639_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_20210924T011244_20210924T011405_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_20210924T013207_20210924T013333_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_20210924T013850_20210924T014155_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_20210924T031152_20210924T031459_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_20210924T031751_20210924T032133_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_20210924T041318_20210924T041405_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_20210924T045659_20210924T045725_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_20210924T053240_20210924T053447_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_20210924T055255_20210924T055418_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_20210924T062726_20210924T063345_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_20210924T072714_20210924T072922_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_20210924T073458_20210924T073621_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_20210924T080953_20210924T081128_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_20210924T084657_20210924T085002_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_20210924T085612_20210924T085746_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_20210924T095812_20210924T100041_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_20210924T113851_20210924T114016_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_20210924T121452_20210924T121615_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_20210924T121935_20210924T122033_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_20210924T122821_20210924T122925_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_20210924T130855_20210924T131208_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_20210924T133552_20210924T133603_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_20210924T133825_20210924T133837_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_20210924T140000_20210924T140002_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_20210924T144618_20210924T145042_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_20210924T152039_20210924T152135_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_20210924T153420_20210924T153511_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_20210924T153552_20210924T153809_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_20210924T162421_20210924T162541_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_20210924T171231_20210924T171358_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_20210924T172438_20210924T172528_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_20210924T181717_20210924T181832_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_20210924T183242_20210924T183413_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_20210924T183414_20210924T183610_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_20210924T185229_20210924T185527_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_20210924T194212_20210924T194432_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_20210924T203245_20210924T203637_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_20210924T205351_20210924T205650_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_20210924T212231_20210924T212504_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_20210924T230125_20210924T230254_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_20210924T231128_20210924T231306_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_20210924T231128_20210924T231306_C001 CS_OFFL_SIR_NOPN_2_20210924T234931_20210924T235049_C001		
	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM,	more records. The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20210924T234931_20210924T235049_C001	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20210924T234931_20210924T235049_C001 CS_OFFL_SIR_NOPR_2_20210924T000313_20210924T000731_C001	OCOG Backscatter Quality OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM,	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20210924T234931_20210924T235049_C001 CS_OFFL_SIR_NOPR_2_20210924T000313_20210924T000731_C001 CS_OFFL_SIR_NOPR_2_20210924T005446_20210924T005516_C001	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM,	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or

OCUPUT_DRUVINC_2.2010041102822_0210041102822_0210 OCUP seasoath Data Proc model C2_OTT_SR_VOP_2_20210041102822_021004110282_0210 Order Administration State Program State Pr			
CBDEPL_SR_NOPPL_2_D010041102844_38118341102142_001 Dest_Norm Flags_SR_NOPL FLAG Dest_Norm Flags_SR_NO	CS_OFFL_SIR_NOPR_2_20210924T023522_20210924T023905_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
G. OFFL BR NOPR 2 2010041100015 3010004173152 0001 Control BR NOPR 2 2010041100228 201004110228 0001 Control BR NOPR 2 201004110228 201004110228 0001 Control BR NOPR 2 20100411028 0001004 PR NOPR 2 20100411028 0001004 Control BR NOPR 2 20100411028 0001004 PR NOPR 2 2010041112 Control BR NOPR 2 20100411028 0001004 Control BR NOPR 2 20100411028 0001004 Control BR NOPR 2 20100411028 0001004 Control BR NOPR 2 20100411028 Control BR NOPR 2 201004110 Control BR NOPR 2 201004110 Control BR NOPR 2 20100411028 Control BR NOPR 2 2010041104028 Control BR NOPR 2 201004111040 Control BR NOPR 2 20100411040 Control BR NOPR 2 201004111040 Control BR NOPR 2 20100411040 Control BR NOPR 2 201004111040 Cont	CS_OFFL_SIR_NOPR_2_20210924T025554_20210924T025742_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_OFT_SR_NOPR_2.20210824703259.001 Mittancenter basing PA (COD) And Resocrater basing Code PLRA Inter Code Code Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.20210824704591.20210824704592.001 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.20210824704592.001 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.20210824704592.001 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.20210824704592.001 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.202108247072700 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.202108247072700 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.202108247072700 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.202108247072700 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.202108247072700 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.202108247072700 CODE Discussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.2021082471070200 CODE DIscussion Code PLRA The CODE Range and Basic Statement Code PLRA CS_OFT_SR_NOPR_2.2021082471040021420040000000000000000000000	CS_OFFL_SIR_NOPR_2_20210924T030735_20210924T031152_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.
CODE Laskscatter Guary more records Code Annotes Range Outly PLRA Code Outly PLRA Code	CS_OFFL_SIR_NOPR_2_20210924T032236_20210924T032516_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 OPFL_SIR_NOPR_2_2021002410440320_001 Public Advances Calibry Fight Advances C	CS_OFFL_SIR_NOPR_2_20210924T040112_20210924T040241_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Contruction Contruction Control Sector Control Control Sector	CS_OFFL_SIR_NOPR_2_20210924T044528_20210924T045230_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.
Co. OFFL_SR_NOPR_2_20210924T02288_20210924T0288_2	CS_OFFL_SIR_NOPR_2_20210924T061004_20210924T061217_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
G8_OFFL_SIR_NOPR_2_20210924T02255_02010924T02714_0001 and Backstanter Quality PLEM. OCCO. G8_OFFL_SIR_NOPR_2_20210924T020057_C001 Construction Runny, SNH, SWH, SWH, SWH, SWH, SWH, SWH, SWH, SW	CS_OFFL_SIR_NOPR_2_20210924T072038_20210924T072220_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
GS. OFFL_SR_NOPR_2_20210924T00011_20210924T00019 and Backaster Quality PLRN_OCOM_ PLRM The doesn't dominant many gamma backaster Quality PLRN_OCOM_ PLRM The doesn't dominant many gamma backaster Quality PLRN_OCOM_ PLRM CS_OFFL_SR_NOPR_2_20210924T100041_20210924T10019_C001 Ocean Altmeter Range ASBA, SVH and Backaster Quality PLRN_OCOM_ Altmeter Range and Backaster Quality PLRN_OCOM_ PLRM The doesn't dominanter Range SSHA, SVH and Backaster Quality Flags have b set for one or more records. CS_OFFL_SR_NOPR_2_20210924T104052_20210924T104700_C001 Ocean Altmeter Range ASBA, SVH and Backaster Quality Flags have b set for one or more records. The Ocean Altmeter Range SSHA, SVH and Backaster Quality Flags have b set for one or more records. CS_OFFL_SR_NOPR_2_20210924T121452_C001 OCOG Altmeter Range Quality PLRN, OCOG Backaster Quality PLRN, OCOM and Backaster Quality PLRN, OCOM Alternet Range, SSHA, SVH and Backaster Quality Flags have been set for on or records. CS_OFFL_SR_NOPR_2_20210924T12405_D01024T12	CS_OFFL_SIR_NOPR_2_20210924T072258_20210924T072714_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_20210924T100041_20210924T10319_CO01 and Backscatter Quality FIRM, COOG Allmeter Range, SHA, SWH and Backscatter Quality Files have between the construction and meter Range, SHA, SWH and Backscatter Quality Files have between the construction and meter Range, SHA, SWH and Backscatter Quality Files have between the construction and meter Range, SHA, SWH and Backscatter Quality Files have between the construction and meter Range and Backscatter Quality Files have between the construction and meter Range, SHA, SWH and Backscatter Quality Files have between the construction and meter Range, SHA, SWH and Backscatter Quality Files have between the construction and meter Range and Backscatter Quality Files have between the construction and meter Range and Backscatter Quality Files have between the construction and meter Range, SHA, SWH and Backscatter Quality Files have between the construction and meter Range, SHA, SWH and Backscatter Quality Files have between the construction and meter Range, SHA, SWH and Backscatter Quality Files have been set for on one records. CS_OFFL_SIR_NOPR_2_20210924T121615_20210924T121645_C001 OCCO Allmeter Range, SHA, SWH and Backscatter Quality Files have been set for on one records. CS_OFFL_SIR_NOPR_2_20210924T121615_20210924T121645_C001 OCCO Allmeter Range, SHA, SWH and Backscatter Quality Files have been set for one range consts. CS_OFFL_SIR_NOPR_2_20210924T121615_20210924T121646_C001 Occon Allmeter Range, SHA, SWH and Backscatter Quality Files have been set for one range consts. CS_OFFL_SIR_NOPR_2_20210924T130462_C001 Allmeter Range, SHA, SWH and Backscatter Quality Files have been set for one range consts. CS_OFFL_SIR_NOPR_2_20210924T130462_C0010024T13408_C001 Occon Allmeter Rang	CS_OFFL_SIR_NOPR_2_20210924T090114_20210924T090627_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_20210824T104052_0210924T10400_C001 and Backscatter Quality PLRM. CCCOG and Backscatter Quality PLRM. CS_OFFL_SIR_NOPR_2_20210824T121454_00210924T121452_C001 CCCOG Altimeter Range Outsity PLRM. The OCOG Range and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210824T121615_0210924T121645_C001 CCCOG Altimeter Range. SNA, SWH and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210824T121615_0210924T122821_C001 CCCOG Altimeter Range. SNA, SWH and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210824T12033_02010824T122821_C001 CCCOG Altimeter Range. SNA, SWH and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210824T130452_C001024T122821_C001 CCCOG Altimeter Range. SNA, SWH and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210824T130452_C001024T132408_C001 The Ocean Altimeter Range. SNA, SWH and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210824T133408_C001 CCCOG Altimeter Range. SNA, SWH and Backscatter Quality Flags have been set for or or more records. CS_OFFL_SIR_NOPR_2_20210824T133408_C001 CCCOG Altimeter Range. SNA, SWH and Backscatter Quality Flags have be set for or or more records. CS_OFFL_SIR_NOPR_2_20210824T138851_20210824T140738_C001 Altimeter Range. SNA, SWH and Backscatter Quality Flags have be set for or or more records. CS_OFFL_SIR_N	CS_OFFL_SIR_NOPR_2_20210924T100041_20210924T100319_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.
US_OPFL_SIR_NOPR_2_20210824112143_0210824112143_202108241121645_C001 CCCG Backscater Quality more records. CS_OFFL_SIR_NOPR_2_20210824T121615_20210824T121645_C001 CCCG Altimeter Range SSHA_SWH and Backscatter Quality PLRM, CCCG Backscater Quality The OCCG Range and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210824T122033_20210824T122821_C001 CCGA Altimeter Range, SSHA_SWH and Backscatter Quality Flags have been set for or more records. The OCCGA Range and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210824T130442_20210824T130855_C001 CCGA Altimeter Range, SSHA_SWH and Backscatter Quality Flags have been set for or more records. The OCCGA Altimeter Range, SSHA_SWH and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210824T13865_20210824T132408_C001 CCGA Altimeter Range, SSHA_SWH and Backscatter Quality Flags have been set for or more records. The OCCGA Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20210824T132408_C001 CCGA Altimeter Range, SSHA_SWH Altimeter Range and Backscatter Quality PLRM The OCCGA Range and Backscatter Quality PLRM The OCCGA Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20210824T132408_C001 CCGA Altimeter Range, SSHA_SWH Altimeter Range and Backscatter Quality PLRM The OCCGA Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20210824T13571_20210824T136406_C001 CCGA Altimeter Range, SSHA_SWH Altimeter Range and Backscatter Quali	CS_OFFL_SIR_NOPR_2_20210924T104052_20210924T104700_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_20210924T12033_20210924T122821_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_20210924T122033_20210924T122821_C001 Decan Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality FLRM here backscatter Quality FLRM here backscatter Quality FLRM here bastor onere records. CS_OFFL_S	CS_OFFL_SIR_NOPR_2_20210924T121434_20210924T121452_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
GS_OFFL_SIR_NOPR_2_20210924T122033_20210924T122821_C001 and Backscatter Quality FLM, OCCO Altimeter Range and Backscatter Quality FLM, OCCO Altimeter	CS_OFFL_SIR_NOPR_2_20210924T121615_20210924T121645_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210924T130442_20210924T130855_C001 and Backscatter Quality PLRM_COOG Interdet Range and Backscatter Quality PLRM_COOG CS_OFFL_SIR_NOPR_2_20210924T131836_20210924T132408_C001 Decen Altimeter Range and Backscatter Quality PLRM_COOG The Ocean Altimeter Range and Backscatter Quality PLRM_COOG CS_OFFL_SIR_NOPR_2_20210924T132751_20210924T132408_C001 Decen Altimeter Range Quality PLRM_COOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for or or or or records. CS_OFFL_SIR_NOPR_2_20210924T132751_20210924T133408_C001 Decen Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for or or or or or records. CS_OFFL_SIR_NOPR_2_20210924T135851_20210924T130406_C001 Decen Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for or o	CS_OFFL_SIR_NOPR_2_20210924T122033_20210924T122821_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_20210924T131836_20210924T132408_C001 and Backscatter Quality PLRM_OCOG Altimeter Range and Backscatter Quality PLRM Ine OcoG Altimeter Range and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210924T132751_20210924T133408_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The OCOG Range and Backscatter Quality Flags have been set for or more records. CS_OFFL_SIR_NOPR_2_20210924T132761_20210924T140736_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM_OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20210924T163548_20210924T164213_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter R	CS_OFFL_SIR_NOPR_2_20210924T130442_20210924T130855_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_20210924T135851_20210924T13586_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_20210924T135851_20210924T140736_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attim	CS_OFFL_SIR_NOPR_2_20210924T131836_20210924T132408_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_20210924T135851_20210924T140736_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG and Backscatter Quality PLRM, OCOG Altimeter Range 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 Flags have b set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T154003_20210924T154800_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG 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 b set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T163548_20210924T164213_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 b set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T172638_20210924T172438_C001 Ocean 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 and Backscatter Quality Flags have	CS_OFFL_SIR_NOPR_2_20210924T132751_20210924T133408_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210924T145747_20210924T150140_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM Ind OcoGA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have b set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T154003_20210924T154800_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM The Ocean Attimeter Range, SSHA, SWH and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have b set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T163548_20210924T164213_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have b set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T163548_20210924T164213_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have b set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T171909_20210924T172438_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T172638_20210924T172438_C001 Ocean Attimeter Range and Backscatter Quality PLRM The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records.	CS_OFFL_SIR_NOPR_2_20210924T135851_20210924T140736_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_20210924T154003_20210924T154800_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM The OCBA Hitmeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T163548_20210924T164213_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T171909_20210924T172438_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have ben set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T172528_20210924T172537_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have ben set for one or one or more records.	CS_OFFL_SIR_NOPR_2_20210924T145747_20210924T150140_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_20210924T163548_20210924T164213_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ind OcOGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have b set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T171909_20210924T172438_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_NOPR_2_20210924T172528_20210924T172537_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCean Altimeter Range and Backscatter Quality Flags have been set for or	CS_OFFL_SIR_NOPR_2_20210924T154003_20210924T154800_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_20210924T172938_20210924T172438_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for or	CS_OFFL_SIR_NOPR_2_20210924T163548_20210924T164213_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_20210924T171909_20210924T172438_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_20210924T172528_20210924T172637_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_NOPR_2_20210924T181433_20210924T181717_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.
Ocean Altimeter Range, SSHA, SWH and Representer Quality FIRM_OCOC	CS_OFFL_SIR_NOPR_2_20210924T185814_20210924T190512_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.

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

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

172

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

Number of products with errors:

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.

69

132

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:

7. NOP QCC Report Analysis

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

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_NOPM1B	158	158	3	155	0
SIR_NOPR1B	99	99	0	99	0
SIR_NOPN1B	107	107	3	104	0
SIR_NOPM_2	158	158	103	55	0
SIR_NOPR_2	99	99	32	66	1
SIR_NOPN_2	107	107	45	62	0

7.1 QCC Errors

Number of QCC	C reports with er	rors:	4								
					Total number	of occurrences	of each error				
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_NOPR_2	1	1	1	1							

Test Description Key:						
Abbreviation	Test name	Details				
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7 - NetCDF				
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7				
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7 - NetCDF				
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7				

7.2 QCC Warnings

Number of QCC reports with warnings	1657
-------------------------------------	------

		Total number of occurrences of each warning								
Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC			
SIR_NOPM1B	155	0	0	0	0	0	0			
SIR_NOPM_2	0	0	40	41	1	45	0			
SIR_NOPN1B	104	0	0	0	0	0	0			
SIR_NOPN_2	0	0	7	30	3	22	21			
SIR_NOPR1B	94	0	0	0	0	0	0			
						10				
SIR_NOPR_2	0	1	34	37	0	42	31			
SIR_NOPR_2	0	1	34	37	0	42	31			
SIR_NOPR_2 Product Type	0 RBSZOPOEPNCDF	1 RNELPOTONCDF	34 RPEPOPFDLRMNCDF				31 RPEPOPFDSINNCDF			
	0 RBSZOPOEPNCDF 0	1 RNELPOTONCDF 0			0 RPEPOPFDPLRMSINNCD 0					
Product Type		1 RNELPOTONCDF 0 1			0 RPEPOPFDPLRMSINNCD 0 0					
Product Type SIR_NOPM1B	0	1 RNELPOTONCDF 0 1 0	RPEPOPFDLRMNCDF		D RPEPOPFDPLRMSINNCD 0 0 0					
Product Type SIR_NOPM1B SIR_NOPM_2	0 39	1 RNELPOTONCDF 0 1 0 0 0 0 0 0 0 0 0 0 0	RPEPOPFDLRMNCDF		0					
Product Type SIR_NOPM1B SIR_NOPM_2 SIR_NOPN1B	0 39 0	1 RNELPOTONCDF 0 1 0 0 0 0 0 0 0 0 0 0 0	RPEPOPFDLRMNCDF		0		RPEPOPFDSINNCDF 0 0 0			

Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	27	0	0	4	27	0	2

SIR_NOPR_2	0	41	0	2	54	38	10
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	0	25	17	48	46	28
SIR_NOPN1B	0	0	0	0	0	0	0

Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	34	0	2	0	0	0	0
SIR_NOPN1B	0	0	0	1	0	42	1
SIR_NOPN_2	28	25	14	0	1	0	0
SIR_NOPR1B	0	0	0	0	0	99	4
SIR_NOPR_2	37	43	1	0	2	0	0

Test Description Key:						
Abbreviation	Test name	Details				
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter				
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)				
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only				
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean				
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 ar 70 degrees				
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 a 70 degrees				
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 an 70 degrees				
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean				
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = c				
RSSHAOFDPLRMNCD	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSWHOEPFDPLRMNC	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch				
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample				
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter				
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter				

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0