

QA4EO Daily Report for NOP data:

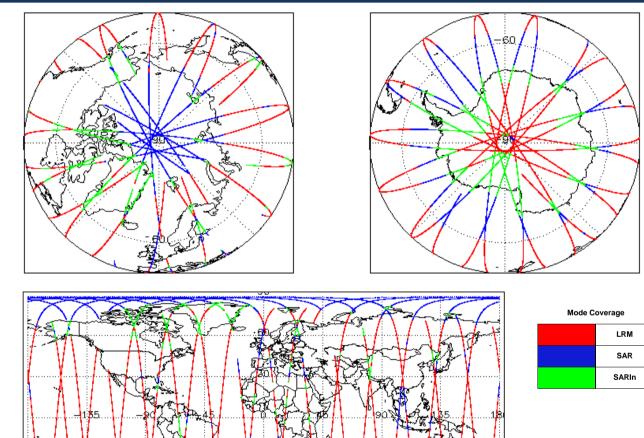
28/09/2021

onert Breduction	29-Sep-2021	Check	L1 & L2
Report Production:		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:		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)	Product Format Check	Nominal
	L1B & L2 Science Data	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		
27-Sep-2021			
	28-Sep-2021	None	
	29-Sep-2021	Nothing planned	

2. Global Coverage



3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
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

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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.

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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_20210928T061035_20210928T061218_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20210928T073231_20210928T073821_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_20210928T155320_20210928T161923_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20210928T183221_20210928T184515_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20210928T223142_20210928T225531_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210928T040505_20210928T040850_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210928T054750_20210928T055010_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210928T062338_20210928T062950_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210928T212836_20210928T213019_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210928T005250_20210928T005355_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210928T061800_20210928T062240_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210928T121640_20210928T122428_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210928T171521_20210928T172044_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210928T185421_20210928T190122_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210928T221004_20210928T221712_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: 0

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any 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.

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210928T050419_20210928T051715_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPM_2_20210928T183221_20210928T184515_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20210928T003727_20210928T003914_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_20210928T012819_20210928T012945_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_20210928T013459_20210928T013803_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_20210928T030817_20210928T031124_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_20210928T031401_20210928T031910_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_20210928T040505_20210928T040850_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20210928T044840_20210928T045114_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_20210928T054349_20210928T054506_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_20210928T054750_20210928T055010_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20210928T062338_20210928T062950_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_20210928T072320_20210928T072440_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_20210928T080601_20210928T080741_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_20210928T090241_20210928T090726_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20210928T095420_20210928T095657_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_20210928T112522_20210928T112912_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_20210928T120647_20210928T120707_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_20210928T122621_20210928T122746_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20210928T130504_20210928T130819_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_20210928T131332_20210928T131449_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_20210928T145238_20210928T145354_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_20210928T153154_20210928T153402_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_20210928T153448_20210928T153613_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_20210928T170848_20210928T171257_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20210928T171417_20210928T171521_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_20210928T180816_20210928T181047_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_20210928T184849_20210928T185204_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_20210928T194724_20210928T195100_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_20210928T202853_20210928T203244_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_20210928T203752_20210928T203828_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_20210928T212836_20210928T213019_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_20210928T023049_20210928T023645_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_NOPR_2_20210928T071901_20210928T072320_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_20210928T085725_20210928T090241_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_20210928T103705_20210928T104319_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_20210928T120538_20210928T120647_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_20210928T121641_20210928T122428_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_20210928T135625_20210928T140354_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_20210928T153613_20210928T154359_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_20210928T171521_20210928T172044_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_20210928T181047_20210928T181313_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20210928T185421_20210928T190122_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_20210928T191557_20210928T192313_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_20210928T203244_20210928T203752_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_20210928T221004_20210928T221712_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_20210928T234854_20210928T235627_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210928T061035_20210928T061218_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_20210928T073231_20210928T073821_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

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

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Number	of products with errors	

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210928T000354_20210928T003520_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_20210928T004729_20210928T004943_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_20210928T011641_20210928T012410_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_20210928T014222_20210928T020313_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_20210928T020558_20210928T021724_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_20210928T022642_20210928T023049_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_20210928T024600_20210928T025205_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_20210928T025352_20210928T030350_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_20210928T031124_20210928T031401_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_20210928T032130_20210928T035040_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_20210928T035145_20210928T035723_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_20210928T040954_20210928T044137_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_20210928T045114_20210928T045310_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_20210928T045515_20210928T045815_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_20210928T050044_20210928T050347_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_20210928T050419_20210928T051715_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_20210928T051717_20210928T052835_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_20210928T054506_20210928T054750_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_20210928T055010_20210928T060615_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_20210928T062950_20210928T063230_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_20210928T063248_20210928T063716_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_20210928T064016_20210928T065403_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_20210928T073231_20210928T073821_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_20210928T074104_20210928T074356_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_20210928T074359_20210928T080349_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_20210928T080741_20210928T081626_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_20210928T082003_20210928T084335_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_20210928T091542_20210928T094318_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_20210928T094958_20210928T095420_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_20210928T095924_20210928T102738_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_20210928T105108_20210928T112106_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_20210928T112912_20210928T113500_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_20210928T113823_20210928T114245_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_20210928T114551_20210928T115327_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_20210928T121406_20210928T121602_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_20210928T122746_20210928T123842_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_20210928T123845_20210928T130050_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_20210928T130819_20210928T131332_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_20210928T131946_20210928T132952_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_20210928T133011_20210928T133438_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_20210928T135303_20210928T135452_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_20210928T140505_20210928T141625_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_20210928T141910_20210928T144011_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_20210928T144643_20210928T144820_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_20210928T144827_20210928T145238_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_20210928T145750_20210928T151650_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_20210928T151735_20210928T152204_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_20210928T153111_20210928T153145_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_20210928T154359_20210928T154757_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_20210928T154800_20210928T155153_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_20210928T155320_20210928T161923_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_20210928T162154_20210928T162720_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_20210928T162739_20210928T163002_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_20210928T163825_20210928T165053_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_20210928T165148_20210928T170848_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_20210928T173223_20210928T174148_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_20210928T174351_20210928T175823_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_20210928T180122_20210928T180618_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_20210928T181533_20210928T182740_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_20210928T183221_20210928T184515_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.

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Cite Unit of Work 2 AD UNDERTINGED CUT Backetsmin During Encourse Encourse Encourse Cite Unit Office Work 2 AD UNDERTINGED CUT Does Attracts Regist State, Stat	CS_OFFL_SIR_NOPM_2_20210928T192313_20210928T193703_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
 CH, DHL, SH, NDHL 2. 20110211720154. C011 CH, GHL, SH, NDHL 2. 2011021720154. C011 CH, GHL, SH, NDHL 2. 20110217210231. 2010021721132. C011 CH, GHL, SH, NDHL 2. 20110217210231. 2010021721132. C011 CH, GHL, SH, NDHL 2. 20110217210231. 2010021721132. C011 CH, GHL, SH, NDHL 2. 2011021721132. C011 CH, GHL, SH, NDHL 2. 2011021721131. C010 CH, GHL, SH, NDHL 2. 2011021721131. C01021721031. C010 CH, GHL, SH, NDHL 2. 2011021721131. C01021720327. C011 CH, SH, NDHL 2. 2011021721131. C01021720327. C011 CH, GHL, SH, NDHL 2. 2011021721131. C01021720327. C011 CH, SH, NDHL 2. 2011021721131. C01021720327. C011 CH, SH, NDHL 2. 2011021721142. 2010021722037. C011 CH, GHL, SH, NDHL 2. 201102172142. 2010021722037. C011 CH, CH, SH, NDHL 2. 201102172142. 201002172037. C011 CH, GHL, SH, NDHL 2. 201102172142. 201002172037. C011 CH, GHL, SH, NDHL 2. 201102172142. 201002172037. C011 CH, CH, SH, NDHL 2. 201102171214. 201002172037. C011 CH, CH, SH, NDHL 2. 201102	CS_OFFL_SIR_NOPM_2_20210928T194051_20210928T194532_C001		
CB: DFL SR: NOPM 2.20210821731532.5 20210021721532.5 0011 Ine Backstatte Dualty, COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.202108217211314_202108217211532_00101 Ocean Allmester Range SAM, SWH. The COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.202108217211314_202108217211507_D011 Ocean Allmester Range SAM, SWH. The COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.202108217211313_201102017215041_0014 OCEAN Allmester Range SAM, SWH. The COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.20210821721503_20110217215041_0014 OCEAN Allmester Range SAM, SWH. The COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.20210821721503_20110217215041_0014 OCEAN Allmester Range SAM, SWH. The COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.20210821721604_0021722501_0014 OCEAN Allmester Range SAM, SWH. The COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.20210821722169_20216021722681_0011 OCEAN Allmester Range SAM, SWH. The COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.20210821722169_20216021722681_0011 OCEAN Allmester Range SAM, SWH. The COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.20210821722169_20216021722681_0011 OCEAN Allmester Range SAM, SWH. The COCK Allmester Range SAM, SWH. CB: DFL SR: NOPM 2.20210821722169_20216261722651_0011 OCEAN Allmester Range SAM, SWH. The COCK Allmest	CS_OFFL_SIR_NOPM_2_20210928T195327_20210928T201854_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OFT_SR_NOPM_2_2021022F12144_2021022F12147_C021 and Backsetth Quality.CCC0A Attimuter field to CCC0A Attimuter field to	CS_OFFL_SIR_NOPM_2_20210928T205238_20210928T211323_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
US. DFL: SR: NOPEL 2.001008/11/2101. AUTION/12/21447 C001 Backscater Outly for one or more reacts. C3, OFL: SR: NOPEL 2.02100267123131, 02100287123149, 0011 Corean Attreeme Renge. SSH, SWH and Standbard Outly, C000 Attreeme Renge and Backscatter Outly Flags have been at for one or more reacts. CS, OFTL: SRI, NOPEL 2.020102871231072, 000 (19287123072, C001 OC000 Attreeme Renge Outly, C000 Headscatter Outly, Flags have been set beadscatter Outly, C000 Attreeme Renge and Backscatter Outly Flags have been at for one or more reacts. CS, OFTL: SRI, NOPEL 2.020102871231071, 000 (192871230728, C001 OC000 Attreeme Renge Outly, C000 Headscatter Outly, Flags have been at for one or more reacts. CS, OFTL: SRI, NOPEL 2.020102871231071, 000 (19287123454, C001 OC000 Attreeme Renge Outly, C000 Headscatter Outly, Flags have been set for one or more reacts. CS, OFTL: SRI, NOPEL 2.020102871231072, 0010128, C001 OC000 Attreeme Renge Outly, C000 Headscatter Outly, Flags have been set for	CS_OFFL_SIR_NOPM_2_20210928T211414_20210928T211557_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB. OFTL_SIR_NOPM_2_2021028171313_022100281721546_001 and Badesatter Quality The OCDA Alteret Range and Badesatter Quality Flags have been set for one or more records. CB. OFTL_SIR_NOPM_2_202102817221639_202100281722687_001 Doesn Alteret Regins_SIALS SW1. The OCDA Alteret Range SSM, SW1. The OCDA Alteret Range SSM, SW1. CB. OFTL_SIR_NOPM_2_202102817221639_202100281722687_001 Doesn Alteret Regins_SSM, SW1. The OCDA Alteret Range SSM, SW1. The OCDA Alteret Range SSM, SW1. CB_OFTL_SIR_NOPM_2_20210281723142_002100281723042_C001 DOCGA Alteret Range SSM, SW1. The OCDA Alteret Range SSM, SW1. The OCDA Alteret Range SSM, SW1. CB_OFTL_SIR_NOPM_2_20210281723040_202100281720042_C001 DOCGA Alteret Range SSM, SW1. The OCDA Alteret Range and Badesatter Quality Flags have been set for one or more records. CB_OFTL_SIR_NOPM_2_202100281723040_202100281720040_202100281720040_202100281720040_20010 DOCGA Alteret Range SSM, SW1. The OCDA Alteret Range and Badesatter Quality Flags have been set for one or more records. CB_OFFL_SIR_NOPM_2_202100281723040_202100281720040_202100281720040_2021002817201402. DOCGA Alteret Range Quality.C000 The OCDA Alteret Range and Badesatter Quality Flags have been set for one or more records. CB_OFFL_SIR_NOPM_2_202100281723040_2021002817201402. DOCGA Alteret Range Quality.C000 The OCDA Alteret Range and Badesatter Quality.Flags have been set for one or more records. CB_OFFL_SIR_NOPM_2_202100281723040_202100281723464_0.0011 <td>CS_OFFL_SIR_NOPM_2_20210928T212107_20210928T212447_C001</td> <td></td> <td></td>	CS_OFFL_SIR_NOPM_2_20210928T212107_20210928T212447_C001		
CB, DFRL_SIR_NOPM_2_30210928T221839_02010928T222837_0001 and Badscatter Quality, COCG Alternet Range, SSHA, SWH and Redscatter Quality Flags have been set grave and Badscatter Quality. CS, OFRL_SIR_NOPM_2_30210928T22837_0001 Opera Alternative Range, SSHA, SWH and Redscatter Quality Flags have been set grave and Badscatter Quality. CS, OFRL_SIR_NOPM_2_30210928T22807_02_001 DCOCG Alternet Range Quality, COCG Alternet Range and Badscatter Quality Flags have been set grave been set grave and and scatter Quality Flags have been set grave nor more records. CS, OFFL_SIR_NOPM_2_30210928T23167_01200928T2280543_0001 Opera Alternet Range SIMA, SWH and Badscatter Quality Flags have been set grave and material range on Badscatter Quality Flags have been set grave been and range and Badscatter Quality Flags have been set grave and material range, SIMA, SWH and Badscatter Quality Flags have been set for one rimore records. CS_OFFL_SIR_NOPM_2_30210928T29180128_0001 Opera Alternet Range Quality, COCG The Obera Alternet Range and Badscatter Quality Flags have been set for one rimore records. CS_OFFL_SIR_NOPM_2_30210928T29180128_0010 COCG Alternet Range Quality, COCG The Obera Alternet Range and Badscatter Quality Flags have been set for one rimore records. CS_OFF	CS_OFFL_SIR_NOPM_2_20210928T213213_20210928T215948_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SR_NOPM_2_20210828T223142_0210828T22531_C001 and Backscatter Quality, COCG Atterneter Mange and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SR_NOPM_2_20210828T225907_20210828T230402_C001 QCCG Atterneter Range Quality, COCG The COCG Atterneter Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SR_NOPM_2_20210828T230409_20210828T230736_C001 QCCG Atterneter Range Quality, COCG The COCG Atterneter Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SR_NOPM_2_20210928T231217_20210928T234543_C001 QCCG Atterneter Range SSHA_SVH The OCCGA Atterneter Range SSHA_SVH CS_OFFL_SR_NOPM_2_20210928T234543_C001 QCCG Atterneter Range, SSHA_SVH The OCCGA Atterneter Range, SSHA_SVH and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SR_NOPM_2_20210928T234552_C001 QCCG Atterneter Range, SSHA_SVH The OCCGA Atterneter Range, SSHA_SVH and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SR_NOPM_2_20210928T24565_20210927T00128_C001 QCCG Atterneter Range, SSHA_SVH The OCCGA Atterneter Range, SSHA_SVH and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SR_NOPM_2_20210928T12103_20210928T12102_C001 QCCG Atterneter Range Quality, QCCG The OCCGA Atterneter Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SR_NOPM_2_20210928T12103_20210928T181047_C001 QCCG Atterneter Range Quality, QCCG The OCCGA Atternete	CS_OFFL_SIR_NOPM_2_20210928T221839_20210928T222637_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Cal. OFFL_SIR_NOPM_2_202108281230409_202108281230738_C001 Backscatter Quality Grome or more records. The OCOG Alimeter Range SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been and Backscatter Quality Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range and Backscatter Quality Flags have been set for one or more records. Cocon Alimeter Range and Backscatter Quality Flags have been set for one or more records. Co	CS_OFFL_SIR_NOPM_2_20210928T223142_20210928T225531_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109281231217_202109281234543_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPM_2_202109281231217_202109281234543_C001 CSean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_202109281235668_20210929100128_C001 CSean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_202109281235668_20210929100128_C001 CSEAN Minter Range Quality, OCCO The OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2021092811084701_202109281084825_C001 CCCOG Altimeter Range Quality, OCCO The OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_202109281121103_202109281121225_C001 CCCCOG Altimeter Range Quality, OCCO The OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_202109281180816_202109281181047_C001 CCCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2021092811802416_202109281182943_C001 CCCCOG Altimeter Range Quality, OCCOG The OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_202109281182740_202109281182943_C001 COCCA Altimeter Range Quality, OCCOG The OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210928T225907_20210928T230402_C001		
CS_OFFL_SIR_NOPM_2_20210928T231217_20210928T234543_C001 and Backscatter Quality Fage And Backscatter Quality F	CS_OFFL_SIR_NOPM_2_20210928T230409_20210928T230738_C001		
CS_OFFL_SIR_NOPN_2_202109287236558_202109287000128_C001 and Backscatter Quality, COCG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202109287084825_C001 OCOG Alimeter Range Quality, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202109287121123_C0010287121125_C001 OCOG Alimeter Range Quality, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202109287121125_C001 OCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202109287180816_202109287181047_C001 Ocean Alimeter Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202109287182040_202109287182040_C001 OCOG Alimeter Range Quality, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202109287182740_202109287182943_C001 OCOG Alimeter Range Quality, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928721827717_C001 OCOG Alimeter Range Quality, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928703727_C001 OCOG Alimeter Range Quality, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202109287035040_202109287035145_C001 CCOG Alimeter Range, SSHA, SWH and Back	CS_OFFL_SIR_NOPM_2_20210928T231217_20210928T234543_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20210928T121103_20210928T121225_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_20210928T121103_20210928T121225_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_20210928T180816_20210928T181047_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T182943_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_20210928T182943_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_20210928T211838_20210928T212107_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T222637_20210928T222717_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T035145_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T035040_20210928T035145_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2	CS_OFFL_SIR_NOPM_2_20210928T235658_20210929T000128_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20210928T180816_20210928T181047_C001 Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality Flags have been Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T180816_20210928T181047_C001 OCCGA Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T182740_20210928T182943_C001 OCCGA Altimeter Range Quality, OCCG The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T2182740_20210928T212107_C001 OCCGA Altimeter Range Quality, OCCG The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T222637_20210928T222717_C001 OCCGA Altimeter Range Quality, OCCG The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T023632_20210928T035145_C001 OCCGA Altimeter Range Quality, OCCG The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T035040_20210928T035145_C001 OCCGA Altimeter Range, SSHA, SWH The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags h	CS_OFFL_SIR_NOPN_2_20210928T084701_20210928T084825_C001		
CS_OFFL_SIR_NOPN_2_20210928T180816_20210928T181047_C001 and Backscatter Quality, CCOG Altimeter Range and the CCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T182740_20210928T182943_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T211838_20210928T212107_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T222637_20210928T222717_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210928T003632_20210928T003727_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T003632_20210928T003727_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T035040_20210928T035145_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T035040_20210928T035145_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The O	CS_OFFL_SIR_NOPN_2_20210928T121103_20210928T121225_C001		
CS_OFFL_SIR_NOPN_2_202109281162740_202109281162943_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_20210928T211838_20210928T212107_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_20210928T222637_20210928T222717_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_20210928T003632_20210928T003727_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_20210928T003632_20210928T003727_C001 OCOG Altimeter Range, SSHA, SWH The OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T035040_20210928T035145_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCCOG Al	CS_OFFL_SIR_NOPN_2_20210928T180816_20210928T181047_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_202109281211636_202109281212107_0011 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_20210928T222637_20210928T2222717_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_20210928T003632_20210928T003727_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_20210928T003632_20210928T003727_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T035040_20210928T035145_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. COCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20210928T182740_20210928T182943_C001		
CS_OFFL_SIR_NOPN_2_202109281222637_202109281222717_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPR_2_20210928T003632_20210928T003727_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_20210928T035040_20210928T035145_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T035040_20210928T035145_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set 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_20210928T135625_20210928T140354_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range 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_NOPN_2_20210928T211838_20210928T212107_C001		
CS_OFFL_SIR_NOPR_2_202109281003832_202109281003727_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPR_2_202109281035040_202109281035145_C001 Ocean Altimeter Range, SSHA, SWH 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_202109281135625_202109281140354_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202109281135625_202109281140354_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20210928T222637_20210928T222717_C001		
CS_OFFL_SIR_NOPR_2_20210928T035040_20210928T035145_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPR_2_20210928T003632_20210928T003727_C001		
CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality for one or more records.	CS_OFFL_SIR_NOPR_2_20210928T035040_20210928T035145_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Altimeter Range Quality. OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928T144820_20210928T144827_C001 Backscatter Quality Backscatte	CS_OFFL_SIR_NOPR_2_20210928T144820_20210928T144827_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_20210928T153613_20210928T154359_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Backscatter Quality flags have been set for one or more records.	CS_OFFL_SIR_NOPR_2_20210928T153613_20210928T154359_C001		

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: 87		
Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20210928T005127_20210928T005250_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_20210928T012819_20210928T012945_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_20210928T013459_20210928T013803_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_20210928T024359_20210928T024600_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_20210928T030817_20210928T031124_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_20210928T031401_20210928T031910_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_20210928T040505_20210928T040850_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_20210928T044840_20210928T045114_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_20210928T045310_20210928T045350_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_20210928T054750_20210928T055010_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_20210928T060827_20210928T060901_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_20210928T063716_20210928T063857_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_20210928T072625_20210928T072853_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_20210928T084701_20210928T084825_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_20210928T090241_20210928T090726_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_20210928T090819_20210928T090940_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_20210928T094846_20210928T094958_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_20210928T113500_20210928T113622_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_20210928T115327_20210928T115522_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_20210928T120647_20210928T120707_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_20210928T121103_20210928T121225_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_20210928T121329_20210928T121406_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_20210928T133438_20210928T133554_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_20210928T135605_20210928T135625_C001	Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter 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_20210928T144223_20210928T144643_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_20210928T145238_20210928T145354_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_20210928T171417_20210928T171521_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_20210928T172835_20210928T173024_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_20210928T175939_20210928T180122_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_20210928T180816_20210928T181047_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_20210928T181313_20210928T181437_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_20210928T182740_20210928T182943_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_20210928T182943_20210928T183221_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_20210928T184849_20210928T185204_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_20210928T193834_20210928T194051_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_20210928T202635_20210928T202759_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_20210928T202853_20210928T203244_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_20210928T205008_20210928T205238_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_20210928T211838_20210928T212107_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_20210928T212836_20210928T213019_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_20210928T230738_20210928T230919_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_20210928T234543_20210928T234549_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210927T235922_20210928T000354_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T003632_20210928T003727_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T005057_20210928T005127_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T012410_20210928T012819_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T013803_20210928T014222_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T023049_20210928T023645_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T030350_20210928T030817_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T035723_20210928T035857_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

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Q2, DTL, SPL NORP, 2. 2012/0001100007, 2013/0001100007, Q213/0001100007, Q213/000110007, Q213/0000110007, Q213/00001100007, Q213/0000011000000, Q213/00001100007, Q213/00001100007, Q213/	CS_OFFL_SIR_NOPR_2_20210928T045937_20210928T050044_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_NOPR_2_20210928T063857_20210928T064016_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
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CB, OFFL, SR, NOPR, 2, 30210320103213, 2021022110453, COI Image Restance Cashing PLSAL COOL In the COOL Answere Resigns, SIAN, SWH, Image Restance Cashing PLSAL COOL In the COOL Answere Resigns, SIAN, SWH, Image Restance Cashing PLSAL COOL In the COOL Answere Resigns, SIAN, SWH, Image Restance Cashing PLSAL COOL In the COOL Answere Resigns, SIAN, SWH, Image Restance Cashing PLSAL COOL In the COOL Answere Resigns, SIAN, SWH, Image Restance Cashing PLSAL COOL In the COOL Answere Resigns, SIAN, SWH, Image Restance Cashing PLSAL COOL In the COOL Answere Resigns, SIAN, SWH, Image Restance Cashing PLSAL COOL In the COOL Answere Resigns, SIAN, SWH, and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Cashing PLSAL In Cool Answere Resigns, SIAN, SWH and Restance Restance Resigns, SIAN, SWH and Restance	CS_OFFL_SIR_NOPR_2_20210928T072533_20210928T072541_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
cs_OFT_SR_NOPR_2.20210821194312.0010821104330_C001 pnd Backatter Cuality Figure and Ba	CS_OFFL_SIR_NOPR_2_20210928T085725_20210928T090241_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFTL_SR_NOPR_2_00210928T105052_00210928T1050924_CO01 and Databasets Program SSHA, SMH and Databa	CS_OFFL_SIR_NOPR_2_20210928T094318_20210928T094539_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928T10305_0210928T10419_COUL and Backstater Quality PLRM_OCOS The Ocean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. CS_OFFL_SIR_NOPR_2_20210928T112022_0210928T112922_0001 Coean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. The Ocean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. CS_OFFL_SIR_NOPR_2_20210928T112022_0210928T112922_0001 Coean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. The Ocean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. CS_OFFL_SIR_NOPR_2_20210928T112922_0210928T112928_0001 Coean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. The Ocean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. CS_OFFL_SIR_NOPR_2_20210928T12948_0001 Coean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. The Ocean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. CS_OFFL_SIR_NOPR_2_20210928T131940_0001 Coean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. CS_OFFL_SIR_NOPR_2_20210928T13469_0001 Coean Altmeter Range, SSHA, SWH and Backstater Quality Plags have been set for one or none teccols. CS_OFFL_SIR_NOPR_2_20210928T13469_0001 Coean Altmeter Range, SSHA, SWH and Backstater Quality	CS_OFFL_SIR_NOPR_2_20210928T095657_20210928T095924_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_202102251112022_00251112022_0001 and backscatter Quality Flags MonOCOL PLAN Interview Reginstration Reginstret Reginstration Reginstration Reginstration Reginstrati	CS_OFFL_SIR_NOPR_2_20210928T103705_20210928T104319_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB, OFFL_SIR_NOPR_2_20210928T113822_0201 and Backscater Quality FLRM, COO Ammeric Range and Backscater Quality FLRM, COO Ammeric Range and Backscater Quality FLRM, COO PLRM the damage of more records. CS, OFFL_SIR_NOPR_2_20210928T120232_0210928T120439_CO01 OCCOA Atmere Range SISH, SWH and Backscater Quality FLRM, COO Ammeric Range SISH, SWH and Backscater Quality FLRM, COO Almere Range SISH, SWH and Backscater Quality FL	CS_OFFL_SIR_NOPR_2_20210928T112106_20210928T112522_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928112032_01028112032_0001 COOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_20210928112144_02109281120428_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and backscatter Quality Flags. The Ocean Altimeter Range and Backscatter Quality Flags. CS_OFFL_SIR_NOPR_2_202109281131449_002109281131449_002109281131449_00210928113449_002109281144820_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags. CS_OFFL_SIR_NOPR_2_20210928113462_001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags. CS_OFFL_SIR_NOPR_2_202109281144820_02010928114482_001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags. CS_OFFL_SIR_NOPR_2_202109281144820_02109281144820_001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags. CS_OFFL_SIR_NOPR_2_202109281144820_002109281144827_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags. CS_OFFL_SIR_NOPR_2_202109281144820_0012109281144820_001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags. CS_OFFL_SIR_NOPR_2_202109281144820_00102109281144820_001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags. CS_OFFL_SIR_NOPR_2_202109281146826_0001 Ocean Altimeter Range SSHA, SWH and Backscatter Quality Flags. CS_OFFL_SIR_NOPR_2_202109281146826_0001 Ocean Altimeter Range SSHA, SWH and Backscatter Quality Flags. docean Altimeter Range SSHA, SWH and Ba	CS_OFFL_SIR_NOPR_2_20210928T113622_20210928T113823_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928T121641_02210928T122428_0001 and Backscatter Quality FLAM CCCO Attemeter Range and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCCO Attemeter Range. SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T144820_20210928T144827_C001 Cocsa Attimeter Range. SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T145354_20210928T145359_C001 Attimeter Range. SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T16318_20210928T163825_C001 Occean Attimeter Range. SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T163148_20210928T16348_C001	CS_OFFL_SIR_NOPR_2_20210928T120232_20210928T120439_C001		
CS_OFFL_SIR_NOPR_2_20210928T131449_20210928T131946_C001 and Backscater Quality PLRM_COOG indo Quality PLRM_COOG indo Quality PLRM_COOG CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001 Cean Alimeter Range, SSHA, SWH and Backscater Quality PLRM, COOG Alimeter Range, and Backscatter Quality Plags have been set to: one or more records. The OCGR Alimeter Range, SSHA, SWH and Backscatter Quality PLRM, COOG Alimeter Range, and Backscatter Quality Plags have been set to: one or more records. CS_OFFL_SIR_NOPR_2_20210928T144820_20210928T144827_C001 OCGA Alimeter Range, SSHA, SWH and Backscatter Quality PLRM, COO Coean Alimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T145354_20210928T145750_C001 OCGA Alimeter Range, SSHA, SWH and Backscatter Quality PLRM, COC Coean Alimeter Range, SSHA, SWH and Backscatter Quality Plags have been set to: one or more records. The OCGO Alimeter Range, SSHA, SWH and Backscatter Quality Flags to: one or more records. CS_OFFL_SIR_NOPR_2_20210928T163613_20210928T163459_C001 Ocean Alimeter Range, SSHA, SWH and Backscatter Quality PLRM, COC Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set to: one or more records. The Ocean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set to: one or more records. CS_OFFL_SIR_NOPR_2_20210928T163148_20210928T163459_C001 OCGA Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set to: one or more records. The Ocean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set to: one or more records. CS_OFFL_SIR_NOPR_2	CS_OFFL_SIR_NOPR_2_20210928T121641_20210928T122428_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928T140354_5001 and Backscatter Quality PLRM_OCOG Interfer Range, SNA, SWH and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T144827_C001 OCOG Altimeter Range Quality PLRM, OCOG The OCOG Range and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T144827_C001 OCOG Altimeter Range, SNA, SWH and Backscatter Quality PLRM, OCOG The OCOG Range and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T145354_20210928T145750_C001 Ocoan Altimeter Range, SNA, SWH and Backscatter Quality PLRM, OCOG The Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T153613_20210928T154359_C001 Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T153613_20210928T154359_C001 Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T163148_20210928T1634825_C001 Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T17516148_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have be	CS_OFFL_SIR_NOPR_2_20210928T131449_20210928T131946_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928114420_002109281144620_0001 OCOG Backscatter Quality Immore records. CS_OFFL_SIR_NOPR_2_20210928T145354_20210928T145750_C001 Decen 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 PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T17521_20210928T172044_C001 Ocean Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T174148_20210928T174351_C001 Oc	CS_OFFL_SIR_NOPR_2_20210928T135625_20210928T140354_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928T145354_20210928T145750_C001 and Backscatter Quality PLRM_COCG Interfect Range and Backscatter Quality Flags CS_OFFL_SIR_NOPR_2_20210928T153613_20210928T154359_C001 Ccean Altimeter Range, SSH, SWH The Ocean Altimeter Range, SSH, SWH CS_OFFL_SIR_NOPR_2_20210928T153613_20210928T15355_C001 Ccean Altimeter Range, SSH, SWH The Ocean Altimeter Range, SSH, SWH CS_OFFL_SIR_NOPR_2_20210928T163148_20210928T163825_C001 Ccean Altimeter Range, SSH, SWH The Ocean Altimeter Range, SSH, SWH CS_OFFL_SIR_NOPR_2_20210928T163148_20210928T163825_C001 Cocean Altimeter Range, SSH, SWH The Ocean Altimeter Range, SSH, SWH CS_OFFL_SIR_NOPR_2_20210928T163148_20210928T163825_C001 Cocean Altimeter Range, SSH, SWH The Ocean Altimeter Range, SSH, SWH CS_OFFL_SIR_NOPR_2_20210928T165063_20210928T165148_C001 CCCG Altimeter Range, SSH, SWH The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T171521_20210928T172044_C001 CAean Altimeter Range, SSH, SWH The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T172137_20210928T172044_C001 CCCG Altimeter Range, SSH, SWH The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T172137_20210928T172137_20210928T17249_C001 CCCG Altimeter Range, SSH, SWH The OCCG Range and Backscatter Quali	CS_OFFL_SIR_NOPR_2_20210928T144820_20210928T144827_C001		
CS_OFFL_SIR_NOPR_2_20210928T153613_20210928T154359_C001 and Backscatter Quality PLRM_OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T1751512_00210928T175204_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range ADAckscatter Quality Flags Altimeter Range and Backscatter Quality Flags Altimeter Range and Backscatter Quality Flags Altimeter Range ADA Backscatter Quality Flags Altimeter Range ADB Backscatter Quality Flags Altimeter Range ADB Backscatter Quality Flags Altimeter Range ADB Backscatter Quality PLRM, CCG G Altimeter Range Quality PLRM, CCG G Altimeter Range ADB Backscatter Quality Flags Altimeter Range and Backscatt	CS_OFFL_SIR_NOPR_2_20210928T145354_20210928T145750_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928T163148_20210928T163825_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG PLRM and the OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T165053_20210928T165148_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T171521_20210928T172044_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T172137_20210928T172049_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T172137_20210928T172137_20210928T17249_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T174148_20210928T174351_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Attimeter Range, SSHA, SWH and the OCOG Attimeter Range and Backscatter Quality Flags and	CS_OFFL_SIR_NOPR_2_20210928T153613_20210928T154359_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_202109281165035_202109281165148_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_202109281171521_202109281172044_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPR_2_202109281172137_202109281172249_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202109281172137_202109281172349_C001 OCOG Altimeter Range, SSHA, SWH oCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202109281174148_202109281174351_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. <	CS_OFFL_SIR_NOPR_2_20210928T163148_20210928T163825_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928T171521_20210928T172044_C001 and Backscatter Quality PLRM, OCOG Atimeter Range and Backscatter Quality PLRM The OCGe Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T172137_20210928T172249_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20210928T174148_20210928T174351_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 PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatte	CS_OFFL_SIR_NOPR_2_20210928T165053_20210928T165148_C001		
CS_OFFL_SIR_NOPR_2_2021092811/2137_202109281172439_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_202109281174148_20210928T174351_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 New Deen State of one or more records. CS_OFFL_SIR_NOPR_2_20210928T181047_20210928T181313_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Al	CS_OFFL_SIR_NOPR_2_20210928T171521_20210928T172044_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20210928T174148_20210928T174351_C001 and Backscatter Quality PLRM, OCOG Atimeter Range and Backscatter Quality PLRM Ind Goean Atimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Atimeter Range and Backscatter Quality FLRM CS_OFFL_SIR_NOPR_2_20210928T181047_20210928T181313_C001 and Backscatter Quality PLRM, OCOG Atimeter Range and Backscatter Quality Flags have been est for one or more records.	CS_OFFL_SIR_NOPR_2_20210928T172137_20210928T172249_C001		
CS_OFFL_SIR_NOPR_2_20210928T181047_20210928T181313_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Qua	CS_OFFL_SIR_NOPR_2_20210928T174148_20210928T174351_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPR_2_20210928T181047_20210928T181313_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

	1	
CS_OFFL_SIR_NOPR_2_20210928T185421_20210928T190122_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T191457_20210928T191554_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T191557_20210928T192313_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T201854_20210928T202006_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T203828_20210928T204013_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T213019_20210928T213213_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T221004_20210928T221712_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T225531_20210928T225741_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T230919_20210928T231217_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T234657_20210928T234737_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210928T234854_20210928T235627_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

166

62

127

> 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.

1662

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	138	138	7	131	0
SIR_NOPR1B	97	97	0	97	0
SIR_NOPN1B	102	102	0	102	0
SIR_NOPM_2	138	138	81	57	0
SIR_NOPR_2	97	97	30	64	3
SIR_NOPN_2	102	102	42	60	0

7.1 QCC Errors

Number of QCC reports with errors: 6

	Total number of occurrences of each error										
Product Type R	LOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_NOPR_2	3	3	3	3							
Test Description	N Key:										
Test Description Abbreviation	NKey: Test na	me		Details							

-	Abbreviation	lest name	Details
F	RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7 - NetCDF
F	۲L	RangeLatitude_7	Latitude should be between -90E7 and 90E7
F	RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7 - NetCDF
F	۲L	RangeLongitude_7	Longitude should be between -180E7 and 180E7

7.2 QCC Warnings

Number of QCC reports with warnings

Total number of occurrences of each warning CDF MVIOEPNCDF MVIONCDF IOHHMOOR MVIOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDPLRMNCD Product Type SIR_NOPM1B BCSHNCDF 131 0 0 0 0 SIR_NOPM_2 38 45 41 0 1 0 0 SIR_NOPN1B 102 0 0 0 0

	i.	1	1	1	i.	1	1
SIR_NOPN_2	0	0	6	30	7	25	25
SIR_NOPR1B	95	0	0	0	0	0	0
SIR_NOPR_2	0	3	36	38	1	35	32
Product Type	RBSZOPOEPNCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNC	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	40	1	34	0	0	0	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	19	0	0	0	25	0	36
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	18	0	0	40	0	46	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	7	30	0	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	0	27	17	41	47	31
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	0	43	0	2	53	43	10
		+			*		
Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	-
SIR_NOPM1B	0	0	0	0	0	0	
SIR_NOPM_2	32	0	2	0	0	0	
SIR_NOPN1B	0	0	0	0	45	0	
SIR_NOPN_2	27	28	15	0	0	0	
SIR_NOPR1B	0	0	0	0	97	3	

NVICEPEDNCDF MissingValueIntOceanExcludingPolarED2NetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degr MVIOEPENCDF MissingValueIntOceanExcludingPolarNetCDF The value should not be a 'missing value' for surface type 0 only RESZOPOEPEDINCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarPD2PLRNNetCDF The value should not be a 'missing value' for surface type 0 only RESZOPOEPEDINCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarPD2PLRNNetCDF The value should not be a 'missing value' for surface type a cean for latitudes between -70 and 7500 (or missing) for surface type a cean for latitudes between -70 and 7500 (or missing) for surface type a cean for latitudes between -70 and 7500 (or missing) for surface type a cean for latitudes between -70 and 7600 (or missing) for surface type a cean for latitudes between -70 and 7600 (or missing) for surface type a cean for latitudes between -70 and 7500 (or missing) for surface type a cean for latitudes between -70 and 7500 (or missing) for surface type a cean for latitudes between -70 and 7500 (or missing) for surface type a cean for latitudes between -70 and 7500 (or missing) for surface type a cean for latitudes between -70 and 7500 (or missing) for surface type a cean for latitudes between -70 and 70 degrees RNELPOTONCDF RangePeakinessExcludingPolarOPFD2LRNNetCDF The Peakiness should be between 0 and 4500 (or missing) for surface type a cean for latitudes between -70 and 70 degrees RPEPOPFDINNSNR RangePeakinessExcludingPolarOPFD2LRNSARNetCDF The Peakiness should be between 0 and 5000 (or missing) for surface type -	est Description Key:		
IDHIMOOR IndexOfTHEin2OHzMappingOutORange The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1 MVIOEPFDNCDF MissingValueIntOceanExcludingPolarPD2NetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degr MVIOEPFUNCDF MissingValueIntOceanExcludingPolarPD2NetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degr MVIONCDF MissingValueIntOceanExcludingPolarPD2NetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 750 (or missing) for surface type = ocean for between -70 and 750 (or missing) for surface type = ocean for between -70 and 750 (or missing) for surface type = ocean for between -70 and 750 (or missing) for surface type = ocean for between -70 and 750 (or missing) for surface type = ocean for latitudes between -70 and 750 (or missing) for surface type = ocean for latitudes between -70 and 750 (or missing) for surface type = ocean for latitudes between -70 and 750 (or missing) for surface type = ocean for latitudes between -70 and 750 (or missing) for surface type = ocean for latitudes between -70 and 750 (or missing) for surface type = ocean for latitudes between -70 and 70 adgrees ResEPOPEDLRMCDF RangePeakinessExcludingPolarOPFD2RMNetCDF The Paskiness should be between 0 and 4500 (or missing) for surface type = ocean for latitudes between 0 and 4500 (or missing) for surface type = ocean for latitudes between 0 and 4500 (or missing) for surface type = ocean for latitudes between 0 and 4500 (or missing) for surface type = ocean for latitudes between 0 and 4500 (or missing) for surfa	bbreviation	Test name	Details
NVICEPEDNCDF Missing ValueIntOceanExcludingPolarED2NetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degr MVICEPNCDF Missing ValueIntOceanExcludingPolarMetCDF The value should not be a 'missing value' for surface type 0 only MVIONCDF Missing ValueIntOceanExcludingPolarMetCDF The value should not be a 'missing value' for surface type 0 only RBSZOPOEPFDNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF The value should not be a 'missing value' for surface type a coean for between-70 and 70 degrees RNELPOTONCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF The between-70 and 70 degrees RNELPOTONCDF RangeRackscatterSigmaZeroOPOceanExcludingPolarNetCDF The between-70 and 70 degrees RNELPOTONCDF RangeReakinessExcludingPolarOPFD2LRMNetCDF The between-70 and 7500 (or missing) for surface type = coean for latitudes between-70 and 70 degrees RNELPOTONCDF RangeReakinessExcludingPolarOPFD2LRMNetCDF The Polarises should be between 0 and 4600 (or missing) for surface type = coean for latitudes between-70 and 70 degrees RNEDPOPFDLRMNRN RangeReakinessExcludingPolarOPFD2LRMINetCDF The Polarises should be between 0 and 5000 (or missing) for surface type = coean for latitudes between-70 and 70 degrees RPEPOPFDILMNSNN RangeReakinessExcludingPolarOPFD2LRMINECDF The Polarises	CSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter
MV/UCEPNCDF MissingValueIntOceanExcludingPolarNetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees RBSZOPOEPFDNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRNNetCDF The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for between -70 and 70 degrees RBSZOPOEPFDPLRM RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRNNetCDF The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for between -70 and 70 degrees RSZOPOEPFDPLRM RangeBackscatterSigmaZeroOPOceanExcludingPolarHetCDF The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for between -70 and 70 degrees RNELPOTONCDF RangePeakinessExcludingPolarOFFD2LRNNetCDF The hackscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RPEPOPFDLRNNCDF RangePeakinessExcludingPolarOFFD22LRNNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between 70 and 2000 (or missing) for surface type = ocean for latitudes between 70 degrees RPEPOPFDIRNNSNR RangePeakinessExcludingPolarOFFD22LRMSINRCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between 70 degrees RPEPOPFDIRNNSNR RangePeakinessExcludingPolarOFFD22NLMSINCDF The Peakiness should be between 0 and 15000 (or missing) for s	OHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)
NVIONCDF MsingValueIntOceanNetCDF The value should not be a 'missing value' for surface type 0 only RBSZOPOEPFDNCDF RangeBackszatterSigmaZer0OPOceanExcludingPolarFD2PLRMNetCDF The backszatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 and 7500 (or missing) for surface type = ocean for l	VIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
RESZOPOEPFDNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PtCMNetCDF The backscatter sigma zero should be between 70 and 7500 (or missing) for surface type = ocean for between 70 and 7500 (or missing) for surface type = ocean for between 70 and 7500 (or missing) for surface type = ocean for between 70 and 7500 (or missing) for surface type = ocean for between 70 and 7500 (or missing) for surface type = ocean for between 70 and 7500 (or missing) for surface type = ocean for between 70 and 7500 (or missing) for surface type = ocean for between 70 and 7500 (or missing) for surface type = ocean for between 70 and 7500 (or missing) for surface type = ocean for between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (or missing) for surface type = ocean for latitudes between 70 and 7500 (o	VIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
RBSZOPOEPPLRM RangeBackscatterSigmaZeroOPOceanExcludingPolarED2PLRMNetCDF The backscatter sigma Zero should be between 700 and 7500 (or missing) for surface type = ocean for between -70 and 70 degrees RNEDPF RangeBackscatterSigmaZeroOPOceanExcludingPolarPD2PLRMNetCDF The backscatter sigma Zero should be between 700 and 7500 (or missing) for surface type = ocean for between -70 and 70 degrees RNELPOTONCDF RangeNELPOceanTideOceanNetCDF The hoak-ccatter sigma Zero Should be between 700 and 7500 (or missing) for surface type = ocean for between -70 and 70 degrees RPEPOPFDLRMNCDF RangePackinessExcludingPolarOPFD2LRMNetCDF The backscatter sigma Zero Should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between 70 degrees RPEPOPFDLRMNCDF RangePackinessExcludingPolarOPFD2PLRMSARNetCDF The Packiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between 70 degrees RPEPOPFDRLRMNCDF The Packiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between 70 degrees RPEPOPFDSINNCDF RangePackinessExcludingPolarOPFD2PLRMSNECDF The Packiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between 70 degrees RPEPOPFDSINNCDF RangePackinessExcludingPolarOPFD2SINNetCDF The Packiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between 70 degrees RPEPOPFDSINNCDF RangePackinesestondid polarOPFD2SINNe	VIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only
RBSZOPCEPFDPLRM NCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarD2PLRMNetCDF The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for between - 700 and 700 degrees RNELPOTONCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for between - 700 and 700 degrees RNELPOTONCDF RangeNetLPOceanTideOceanNetCDF The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or m surface type = ocean for butween - 700 and 7500 (or missing) for surface type = ocean for latitudes between 700 degrees RPEPOPFDPLRMSAR RangePeakinessExcludingPolarOPFD2LRMSARNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between 700 degrees RPEPOPFDPLRMSINN RDFP RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between 700 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface	BSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	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 surface type = ocean 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 betwe 70 degrees RPEPOPFDPLRMSINN RCDF RangePeakinessExcludingPolarOPFD2LRMSINNECDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPFDPLRMSINN RCDF RangePeakinessExcludingPolarOPFD2LRMSINNECDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNECDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFZSINNECDF The Peakiness should be between 0 and 4000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPFSINNCDF RangePeakinessExcludingPolarOPLSINNECDF The Peakiness should be between 0 and 45000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNECDF		RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
Burdace type = ocean Burdace type = ocean RPEPOPFDLRMNCDF RangePeakinessExcludingPolarOPFD2LRMNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between RODF RangePeakinessExcludingPolarOPFD2LRMSARNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betwen RODF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betwen RPEPOPFDPLRMSINN RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes betwen RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betwen RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes betwen RPEPOPSINNCDF RangePeakinessExcludingPolarOPFD2NMNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes betwen RPEPOPSINNCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes betwen RSEBCONCDF RangePeakinessExcludingPolarOPSINNetCDF The Peak		RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
70 degrees 70 degrees RPEPOPFDPLRMSAR RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes betw RPEPOPFDPLRMSINN RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes betw RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 4000 (or missing) for surface type = ocean for latitudes betw RPEPOPSARNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 4000 (or missing) for surface type = ocean for latitudes betw RPEPOPSINNCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw RSEGONCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw RSEGONCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean	NELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean
NCDF RPEPOPFDPLRMSINN 70 degrees RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPLRMNCDF RangePeakinessExcludingPolarOPL2SINNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw 70 degrees RSBECONCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw 70 degrees RSSBECONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF The sea state bias correction should be between -3000mm and 3000mm (or missing) for surface type = oce RSSHAOFDPLCMSF RSSHAOFDPLRMNCDF RangeSeaSurfaceHeightAnomaly	PEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSINN RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 4000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPLRMNCDF RangePeakinessExcludingPolarOPLRMNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 4000 (or missing) for surface type = ocean for latitudes betw 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes betw 70 degrees RSSBCONCDF RangeSeaStateBiasCorrectionOceanNetCDF The Peakiness should be between - 3000mm and 3000mm (or missing) for surface type = ocean for latitudes betw 70 degrees RSSHAOFDNCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type F RSSHAOFDPLRMNCD RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF The sea surface height anom		RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
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DF latitudes between -70 and 70 degrees	SWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
		RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWINDEPRCDP Rangesignincan wavereign coceanexcluding or an vector intersigning and an unit of the significant wavereign and a south intersing for surface type = oce latitudes between 70 and 70 degrees		RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for
SOOHHIFHD SameOrOneHigher1HzIndexFor20HzData The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample	OOHHIFHD	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	CSTODHRNCDF	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 should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter should be one higher (modulo 16384) with	CSTODNCDF	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