

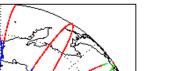
QA4EO Daily Report for NOP data:

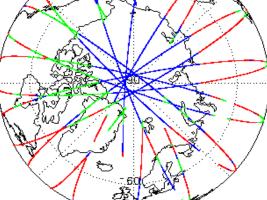
<u>01/12/2021</u>

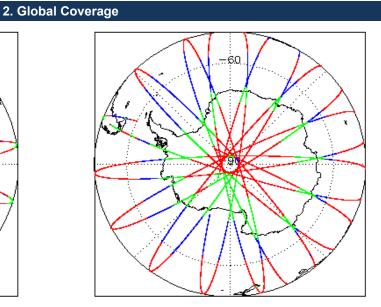
Report Production:	02-Dec-2021	Check	L1 & L2
Report Production.	02-Dec-2021	Server check: science-pds.cryosat.esa.int	Nominal
Broossor Llood	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Used:		Product Software Check	Nominal
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	Product Format Check	Nominal
Data Used:		Product Header Analysis	Nominal
		Auxiliary Data File Usage Check	Nominal
		Auxiliary Correction Error Check	See Section 5.4
		Measurement Confidence Data Check	See Section 4.5, 4.6
		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
lission / Instrument Ne	aws		

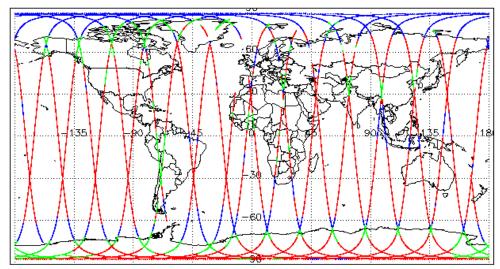
1. Overview

Missior	n / Instru	ment News
30-No	ov-2021	None
01-De	ec-2021	None
02-De	ec-2021	Nothing planned











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).

For allocation, a warren of the orderind where are performed on the MPH and SPH in order to benote your incomparison and up to the proceeding, a wair, briefing a non-orderind your incomparison and up to the performance on the second DPH periods of the second DPH period DPH periods of the second DPH period DPH period DPH periods of the second DPH period DPH per	1.2 L1B Product Header Analysis		
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Name of endowed with events in the second se			
3.13 LA Suntiary Data File Usage Check: and products deviced for missing Data Sel Descriptors with respect to a pre-determined baseline and also to check the validity of Auditery Data Files or correct. Attendes of products with respect to a products boasaus the auxiliary files required are net available in time for processing. This known and sepacite baseline are deviced with respect. Attendes of products with respect (Second File) Attende of products with respect (Second File) Attendes of products with respect (Second File) Attende of products with respect (Second File) <th></th> <th></th> <th></th>			
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A LIA BAUKING YOON BAUKING SUPERIOR BAUK	ach product is checked for missing Data Set Descriptors with respect to a pre-	determined baseline and also t	o check the validity of Auxiliary Data Files is correct.
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The second secon	lumber of products with errors: 0		
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CS_OFFL_SIR_NOPR1B_20211201T023518_20211201T023720_C001 Loss of Echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T135114_20211201T135801_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T161358_20211201T162109_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T184937_20211201T162109_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T184937_20211201T165219_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T185219_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T3501_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T34651_20211201T3501_C001 Loss of Echo The tracking echo is missing for ONE CS_OFFL_SIR_NOPR1B_20211201T34651_20211_C01_C001_LOSS OFFL_SIR			
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SS_OFFL_SIR_NOPR1B_20211201T135114_20211201T135801_C001 Loss of Echo The tracking echo is missing for one or more records SS_OFFL_SIR_NOPR1B_20211201T161358_20211201T162109_C001 Loss of Echo The tracking echo is missing for one or more records SS_OFFL_SIR_NOPR1B_20211201T184937_20211201T185219_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T184937_20211201T185219_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records SNOP Level 2 Data Quality Check State product Format Check State 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). Rumber of products with errors: 0			
SS_OFFL_SIR_NOPR1B_20211201T161358_20211201T162109_C001 Loss of Echo The tracking echo is missing for one or more records SS_OFFL_SIR_NOPR1B_20211201T184937_20211201T185219_C001 Loss of Echo The tracking echo is missing for one or more records SS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records SS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records St_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records St_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records St_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records St_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records St_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records St_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records St_OFFL_SIR_NOPR1B_20211201T234651_20211201T234651_20211201T234651_20211201T234651_20211201T234651_20211201T234651_20211201T234651_20211201T234651_20211201			
SS_OFFL_SIR_NOPR1B_20211201T184937_20211201T185219_C001 Loss of Echo The tracking echo is missing for one or more records SS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_C001 Loss of Echo The tracking echo is missing for one or more records S. NOP Level 2 Data Quality Check S. Level 2 Data Quality Check S. Level 2 Data Quality Check S. Level 2 Data Quality Check			
CS_OFFL_SIR_NOPR1B_20211201T234651_20211201T235026_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). Aumber of products with errors: 0			
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			
5.1 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		I	
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).	5. NO	P Level 2 Data Qu	ality Check
lumber of products with errors: 0	5.1 L2 Product Format Check		
	ach product, retrieved and unpacked from the science server, is checked to er	nsure it consists of both an XML	header file (.HDR) and a binary product file (.DBL).
5.2 L2 Product Header Analysis	Jumber 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 of	•	SPH in order to identify any inc	onsistencies and/or errors raised by the ground-segment processing chain.
lumber of products with errors: 0			
5.3 L2 Auxiliary Data File Usage Check			

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. 0

Number of products with errors:

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 Corection, 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.

42

> 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_20211201T030808_20211201T032606_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES) and the Non- equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_NOPN_2_20211201T002857_20211201T003143_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_20211201T003347_20211201T003914_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_20211201T012442_20211201T012651_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_20211201T020822_20211201T021058_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_20211201T030344_20211201T030455_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_20211201T030612_20211201T030808_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_20211201T033957_20211201T034200_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_20211201T034542_20211201T034910_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_20211201T044304_20211201T044758_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_20211201T052548_20211201T052737_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_20211201T053553_20211201T053814_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_20211201T062306_20211201T062729_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_20211201T080510_20211201T080945_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_20211201T084523_20211201T084859_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_20211201T085435_20211201T085550_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_20211201T092341_20211201T092537_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_20211201T102444_20211201T102804_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_20211201T111533_20211201T111645_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_20211201T121220_20211201T121328_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_20211201T134924_20211201T135114_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_20211201T143235_20211201T143515_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_20211201T160935_20211201T161358_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_20211201T165830_20211201T170110_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_20211201T174833_20211201T175221_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_20211201T184819_20211201T184937_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_20211201T215732_20211201T215857_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_20211201T233716_20211201T233954_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_20211201T234317_20211201T234651_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_20211201T025709_20211201T030129_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_20211201T030129_20211201T030344_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_20211201T041425_20211201T041754_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_20211201T043650_20211201T044304_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_20211201T061828_20211201T062306_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_20211201T075558_20211201T080510_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_20211201T093622_20211201T094410_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_20211201T111645_20211201T112552_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_20211201T125600_20211201T130317_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_20211201T143515_20211201T144219_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_20211201T161358_20211201T162109_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_20211201T175221_20211201T180108_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_20211201T192914_20211201T193654_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: 0

Product

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.

Test Failed

Description

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

85

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20211201T000438_20211201T002214_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_20211201T003143_20211201T003347_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_20211201T004121_20211201T005746_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_20211201T005802_20211201T010142_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_20211201T010248_20211201T011444_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_20211201T011702_20211201T011730_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_20211201T012943_20211201T014756_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_20211201T014905_20211201T020246_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_20211201T021411_20211201T021759_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_20211201T022008_20211201T023518_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_20211201T023720_20211201T024644_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_20211201T030455_20211201T030612_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_20211201T030808_20211201T032606_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_20211201T034200_20211201T034327_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_20211201T034910_20211201T035702_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_20211201T040001_20211201T041425_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_20211201T044915_20211201T045103_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_20211201T045227_20211201T052402_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_20211201T052737_20211201T052949_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_20211201T053008_20211201T053553_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_20211201T053945_20211201T060358_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_20211201T063524_20211201T070233_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_20211201T071903_20211201T074550_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_20211201T074656_20211201T074707_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_20211201T075344_20211201T075558_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_20211201T080945_20211201T084045_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_20211201T084859_20211201T085435_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_20211201T093334_20211201T093526_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_20211201T094823_20211201T102110_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_20211201T102804_20211201T103316_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_20211201T103849_20211201T105501_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_20211201T111257_20211201T111321_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_20211201T112552_20211201T114844_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_20211201T114935_20211201T115954_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_20211201T121717_20211201T124317_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_20211201T124333_20211201T125051_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_20211201T125234_20211201T125448_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_20211201T130434_20211201T130444_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_20211201T130548_20211201T131743_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_20211201T132409_20211201T133549_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_20211201T133607_20211201T133926_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_20211201T134145_20211201T134704_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_20211201T135801_20211201T141040_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_20211201T141254_20211201T143051_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_20211201T145217_20211201T150137_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_20211201T150423_20211201T151814_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_20211201T152111_20211201T152616_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_20211201T152622_20211201T152633_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_20211201T152639_20211201T152755_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_20211201T153446_20211201T153544_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_20211201T154608_20211201T154622_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_20211201T155756_20211201T160508_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH 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_20211201T160631_20211201T160803_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_20211201T162332_20211201T162644_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_20211201T164116_20211201T165714_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_20211201T170110_20211201T170533_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_20211201T171239_20211201T173523_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH 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_20211201T180343_20211201T180706_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_20211201T181205_20211201T183616_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_20211201T183927_20211201T184448_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_20211201T184454_20211201T184819_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_20211201T185219_20211201T191855_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_20211201T192021_20211201T192338_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_20211201T194716_20211201T201526_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_20211201T201916_20211201T202726_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_20211201T203250_20211201T210502_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_20211201T211750_20211201T211911_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_20211201T211918_20211201T212014_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_20211201T214846_20211201T215325_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_20211201T215857_20211201T220416_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_20211201T221107_20211201T223227_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_20211201T223513_20211201T224528_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_20211201T225622_20211201T230049_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_20211201T231637_20211201T232122_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_20211201T232309_20211201T233320_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_20211201T233954_20211201T234317_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_20211201T235026_20211201T235513_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_20211201T235522_20211202T001803_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20211201T030344_20211201T030455_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_20211201T084523_20211201T084859_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_20211201T102444_20211201T102804_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_20211201T155633_20211201T155756_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20211201T230543_20211201T230547_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_20211201T061828_20211201T062306_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20211201T114844_20211201T114935_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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

Number of products with errors:	92
Number of products with errors.	52

Product	Test Failed	Description
	3	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS OFFE SIR NOPN 2 202112011002857 202112011003143 C001	0 1	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

Control Dool Basication Calify procession C9, 0FFL DR, NORM 2, DR11001000000001 DOOL Basication Calify Intel DOOL Register and Extension Calify Flags have been ref to can of the control. C9, 0FFL DR, NORM 2, DR110011000000, DR110011000000, DR1 DOOL Basication Calify Intel DOOL Register and Extension Calify Flags have been ref to can of the control. C9, 0FFL DR, NORM 2, DR11001100000, DR11001100000, DR1 DOOL Basication Calify Intel DOOL Register and Extension Calify Flags have been ref to can of the control. C9, 0FFL DR, NORM 2, DR11001100000, DR11001100000, DR1 DOOL Basication Calify Intel DOOL Register and Extension Calify Flags have been ref to can of the control. C9, 0FFL DR, NORM 2, DR11001100000, DR1 DOOL Basication Calify Intel DOOL Register and Extension Calify Flags have been ref to can of the control. C9, 0FFL DR, NORM 2, DR11001100000, DR1 DOOL Basication Calify Intel DOOL Register and Extension Calify Flags have been ref to can of the control. C9, 0FFL DR, NORM 2, DR11001100000, DR1 DOOL Basication Calify Intel DOOL Register and Extension Calify Flags have been ref to can of the control. C9, 0FFL DR, NORM 2, DR11001100000, DR11001100000, DR11001100000, DR11001100000, DR1100000, DR1100000, DR1100000, DR1100000, DR1100000, DR1100000, DR110000, DR1100000, DR110000, DR11			
CPU DRV. BR. VIDP V_2.001101101011_011_0011010111_011_0001 00000 Retractive Gally micro react. CPU_DRV_LEV_UNDPV_LEXT1201102004_LEXT1201102004_CO 00000 Retractive Gally RLB micro react. CPU_DRV_LEV_UNDPV_LEXT1201102004_COV1201102004_CO 00000 Retractive Gally RLB micro react. CPU_DRV_LEV_UNDPV_LEXT1201102004_COV1201102004_CO 00000 Retractive Gally RLB micro react. CPU_DRV_LEV_UNDPV_LEXT1201102004_COV1201102004_CO 00000 Retractive Gally RLB micro react. CPU_DRV_LEV_UNDPV_LEXT1201102004_COV1201102004 CPU_LEVEX_LEVEX_LEVEX_LEVEX_LEVEX_LEV	CS_OFFL_SIR_NOPN_2_20211201T003347_20211201T003914_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OLDUT SPRCAPPICAL OF 1000 (1000 L2011 (201100000, 2001 1001 100000, 2000 Baskador Gailly Incc costs. C9 OPEL SPRCAPPICAL OF 1000 (2000 L2011 (201100000, 2001 1001 100000, 2001 1001 1	CS_OFFL_SIR_NOPN_2_20211201T021257_20211201T021411_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
COUNT COUNT COULD INCOME CALL RETINITIONS DODD Reclamant Guily Inscitoanta CB CPFL_SER_NOPH_2_DOTIONS COUNT	CS_OFFL_SIR_NOPN_2_20211201T024644_20211201T024945_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Colores Sin, Nork 2, Soc. 1001100000, Color OCCOR Baskander Guely Incernexch. Cit, OPFL, Sin, NOPK, 2, 2011001100000, 2011001100000, Color OCCOR Alteretin Range, Soliki, SWI and Baskander Guely Russ. SNA, SWI and Rus	CS_OFFL_SIR_NOPN_2_20211201T030344_20211201T030455_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Constructions (Normal 2, 2001) 2012 1010 2020 (2011) 2010 2010 2010 Constructions Con	CS_OFFL_SIR_NOPN_2_20211201T032606_20211201T033208_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Lis _ DEPLSIRNOPI_2_2011201104342_2011201104349_C001 Perf BiotAccent Cally PLNN_COCK Perf BiotAccent Cally PLNN_COCK Lis _ DEFLSIRNOPI_2_20211201104342_20211201104349_C001 Cock Almerer Range SUM, SUM Perf BiotAccent Cally PLNN_COCK Lis _ DEFLSIRNOPI_2_20211201104319_20211201104219_C001 Cock Almerer Range SUM, SUM Perf BiotAccent Cally PLNN_COCK Lis _ DEFLSIRNOPI_2_20211201104219_20211201104219_C001 Cock Almerer Range SUM, SUM Perf BiotAccent Cally PLNN_COCK Lis _ DEFLSIRNOPI_2_20211201104219_20211201104219_C001 Cock Almerer Range SUM, SUM and BiotAccent Cally PLNN_COCK Lis _ DEFLSIRNOPI_2_20211201104219_20211201104219_C001 Cock Almerer Range SUM, SUM and BiotAccent Cally PLNN_COCK Lis _ DEFLSIRNOPI_2_20211201104219_20211201104219_C001 Cock Almerer Range SUM, SUM and BiotAccent Cally PLNN_COCK Lis _ DEFLSIRNOPI_2_20211201104219_20211201104219_C001 COCK Almerer Range Dualsy PLNN_COCK PLNN_COCK Range and BiotAccent Cally PLNN_COCK Lis _ DEFLSIRNOPI_2_20211201104219_C0011 COCKA Baneer Range Dualsy PLNN_COCK PLNN_COCK Range and BiotAccent Cally PLNN_COCKA Baneer Range Dualsy PLNN_COCKA Banee	CS_OFFL_SIR_NOPN_2_20211201T033239_20211201T033653_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SR_NOPK_2_2211201103010_20211201103014_001 Immed Behavatter Casily PLAN COD Immed Behavatter Casily PLAN COD CS_OFFL_SR_NOPK_2_2211201103010_20211201104205_0001 CODOS Behavater Casily PLAN COD Immed Behavatter Casily PLAN COD CS_OFFL_SR_NOPK_2_222112011042050_202112011042050_0001 CODOS Behavater Casily PLAN COD Immed Behavatter Casily PLAN COD CS_OFFL_SR_NOPK_2_222112011042050_202112011042050_0001 CODOS Behavater Casily PLAN COD Immed Behavatter Casily PLAN COD CS_OFFL_SR_NOPK_2_222112011042050_202112011042050_0001 CODOS Behavater Casily PLAN COD Immed Behavatter Casily PLAN COD CS_OFFL_SR_NOPK_2_222112011042050_202112011042050_0001 CODOS Behavater Casily PLAN COD Immed Behavatter Casily PLAN COD CS_OFFL_SR_NOPK_2_222112011040105_202112011042057_DD11 CODO Almeter Range Casily PLAN COD Immed Behavatter Casily PLAN COD CS_OFFL_SR_NOPK_2_222112011060108_20211201105008_DD11 CODO Almeter Range Casily PLAN COD Immed Behavatter Casily PLAN COD CS_OFFL_SR_NOPK_2_222112011060108_20211201105008_DD11 CODO Almeter Range Casily PLAN COD Immed Behavatter Casily PLAN COD CS_OFFL_SR_NOPK_2_222112011060108_20211201105008_DD11 CODO Almeter Range Casily PLAN COD Range and Backacater Casily PLaN COD CS_OFFL_SR_NOPK_2_222112011060108_20211201105074_0D1 CODO Almeter Range Casily PLAN COD Range and Backacater Casily	CS_OFFL_SIR_NOPN_2_20211201T034542_20211201T034910_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Conf., Ser. User, Ser. Non. 2, 2011/201104204, 2011/201104478, 2001 Octo Baskester Quality FLM, Monte Prog. SER. SMI and Baskester Quality FLM, The Ocean Attender Range SER. SMI and Baskester Quality FLM, The Ocean Attender Range SER. SMI and Baskester Quality FLM, The Ocean Attender Range SER. SMI and Baskester Quality FLM, The OCG Allmeter Range Cuality FLM, The OCG Range and Baskester Quality FLM, The	CS_OFFL_SIR_NOPN_2_20211201T035702_20211201T035849_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OPPL_SIR_NOPN_2_202112011044994_202112011044950_C001 And Backstaffer Quality FIRM_CO02 and Backstaffer Quality FIRM_CO02 GS_OPPL_SIR_NOPN_2_202112011044950_C001 CCCG Allmeter Range Quality FIRM, CCCG Allmeter Range Quality FIRM, CCCG Range and Backstaffer Quality Firgs have been set for one or more records. GS_OPPL_SIR_NOPN_2_20211201104593_202112011045927_C001 CCCG Allmeter Range Quality FIRM, CCCG Range and Backstaffer Quality Firgs have been set for one or more records. GS_OPPL_SIR_NOPN_2_202112011053949_202112011053949_202112011053941_C001 CCCG Allmeter Range Quality FIRM, CCCG Range and Backstaffer Quality Firgs have been set for one or more records. GS_OPPL_SIR_NOPN_2_202112011053953_202112011053941_C001 CCCG Allmeter Range Quality FIRM, CCCG The CCCG Range and Backstaffer Quality Firgs have been set for one or more records. GS_OPPL_SIR_NOPN_2_202112011053953_202112011053951_C001 CCCGG Allmeter Range Quality FIRM, CCCG The CCCG Range and Backstaffer Quality Firgs have been set for one or more records. GS_OPPL_SIR_NOPN_2_202112011053953_20211201105395_20211201105395_20211201105395_20211201105395_20211201105395_20211201105191_C001 CCCGG Allmeter Range Quality FIRM, CCCG, Range and Backstaffer Quality Firgs have been set for one or more records. GS_OPPL_SIR_NOPN_2_20211201105395_202112011051927_C001 CCCGG Allmeter Range Quality FIRM, CCCG, Range and Backstaffer Quality Firgs have been set for one or more records. GS_OPPL_SIR_NOPN_2_20211201105291_202112011051927_C001 CCCGG Allmeter Range QUality FIRM, CCCG, Range and Backstaffer Qu	CS_OFFL_SIR_NOPN_2_20211201T042350_20211201T042751_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Description DCCG Backcostler Quality more records. CS_OFFL_SIR_NOPN_2_20211201T04503_20211201T045227_0001 CCCG Backcostler Quality The CCCG Barge and Backcostler Quality Flags have been set for one or coords. CS_OFFL_SIR_NOPN_2_20211201T053240_20211201T053240_20211201T053240_20211201T053240_20211201T053240_20211201T053241_CO01 CCCCG Backcostler Quality The CCCG Barge and Backcostler Quality Flags have been set for one or coords. CS_OFFL_SIR_NOPN_2_20211201T053243_20211201T053244_C001 CCCGG Backcostler Quality Flags have been set for one or coords. The CCCGG Backcostler Quality Flags have been set for one or coords. CS_OFFL_SIR_NOPN_2_20211201T063281_20211201T063241_20211201T065241_C001 CCCGG Backcostler Quality Flags have been set for one or coords. The CCCGG Backcostler Quality Flags have been set for one or coords. CS_OFFL_SIR_NOPN_2_20211201T061231_20211201T06524_C001 CCCGG Backcostler Quality FLRM. The CCCGG Backcostler Quality Flags have been set for one or coords. CS_OFFL_SIR_NOPN_2_20211201T061231_20211201T06524_C001 CCCGG Backcostler Quality FLRM. The CCCGG Range and Backcostler Quality Flags have been set for one or coords. CS_OFFL_SIR_NOPN_2_20211201T070521_20211201T070701_C001 CCCGG Backcostler Quality FLRM. The CCCGG Range and Backcostler Quality Flags have been set for one or coords. CS_OFFL_SIR_NOPN_2_20211201T070521_20211201T070702_C001 CCCGG Backcostler Quality FLRM. The CCCGG Range and Bac	CS_OFFL_SIR_NOPN_2_20211201T044304_20211201T044758_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Control Cool Backscatter Quality Inter records. CS_OFFL_SIR_NOPN_2_20211201T052849_20211201T053008_C001 COOG Allmeter Rango Quality PLRM, COOG Backscatter Quality The OccooR Range and Backscatter Quality Flags have been set for one of note records. CS_OFFL_SIR_NOPN_2_20211201T053563_20211201T053084_C001 Cool Allmeter Range Quality PLRM, and Backscatter Quality The OccooR Range and Backscatter Quality Flags have been set for one of note records. CS_OFFL_SIR_NOPN_2_20211201T060358_20211201T060344_C001 COOG Allmeter Range Quality PLRM, DCOOG Backscatter Quality The OCCOG Range and Backscatter Quality Flags have been set for one of note records. CS_OFFL_SIR_NOPN_2_20211201T061231_20211201T061247_C001 COOG Allmeter Range Quality PLRM, DCOOG Backscatter Quality The OCCOG Range and Backscatter Quality Flags have been set for one of note records. CS_OFFL_SIR_NOPN_2_20211201T061231_20211201T061247_C001 COCG Allmeter Range Quality PLRM, DCCOG Backscatter Quality The OCCOG Range and Backscatter Quality Flags have been set for one of note records. CS_OFFL_SIR_NOPN_2_20211201T070521_20211201T07051_20211201T070701_C001 COCG Allmeter Range Quality PLRM, Allmeter Range and Backscatter Quality Flags have been set for one of note records. CS_OFFL_SIR_NOPN_2_20211201T070513_20211201T070548_C001 OCCG Allmeter Range Quality PLRM, Allmeter Range and Backscatter Quality Flags have been set for one of note records. CS_OFFL_SIR_NOPN_2_20211201T0701416_0211201T071702_C0011 Allmeter	CS_OFFL_SIR_NOPN_2_20211201T044815_20211201T044850_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFF_SIR_NOPN_2_20211201108389_202112011083814_C001 OCC6 Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_202112011083853_202112011083814_C001 Occean Altmeter Range SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112011080353_202112011080744_C001 OCC6A Altmeter Range Quality PLRM. CCC6A Altmeter Range SSHA. SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201106521_20211201106524_C001 OCC6A Altmeter Range SSHA. SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112011070521_202112011070701_C001 The OCC6A Altmeter Range SSHA. SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112011070521_202112011070701_C001 OCC6A Altmeter Range SSHA. SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112011070845_001 OCC6A Altmeter Range SSHA. SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_2021120110708450_001 OCC6A Altmeter Range Quality PLRM. CCC6A Altmeter Range Quality PLRM. CCC6A Al	CS_OFFL_SIR_NOPN_2_20211201T045103_20211201T045227_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
GS_OFFL_SIR_NOPN_2_20211201703353_202112017053814_C001 and Backscatter Quality PLRM. OCOG Attimeter Range and Backscatter Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112017060358_202112017060744_C001 OCOG Attimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112017061231_202112017061247_C001 OCOG Attimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112017063237_20211201706324_C001 OCOG Attimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112017070521_202112017070701_C001 OCOG Attimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112017070521_202112017070701_C001 OCOG Backscatter Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112017070701_C001 OCOG Backscatter Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_2021120170707102_C001 OCOG Backscatter Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112017070146_022112017070745_C001 OCOG Backscatter Quality PLRM.<	CS_OFFL_SIR_NOPN_2_20211201T052949_20211201T053008_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OCCOG Backscatter Quality more records. OCCOG Backscatter Quality The OCCOG Range and Backscatter Quality Flags have been set for one or more records. OS_OFFL_SIR_NOPN_2_20211201T061231_20211201T061247_C001 OCCOG Altimeter Range Quality PLRM, OCCOG Backscatter Quality Flags have been set for one or more records. OS_OFFL_SIR_NOPN_2_20211201T063237_20211201T063324_C001 OCCOG Altimeter Range Quality PLRM, OCCOG Backscatter Quality Flags have been set for one or more records. OS_OFFL_SIR_NOPN_2_20211201T070521_20211201T070701_C001 Altimeter Range Quality PLRM, OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. OCCOG 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. OCCOG 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_NOPN_2_20211201T07013_20211201T070948_C001 OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T07014623_20211201T064523_C001 OCCOG Altimeter Range Quality PLRM, OCCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T064523_20211201T064553_C001 OCCOG Altimeter Range Quality PLRM, OCCOG Range and Backscatter Quality Flags have been se	CS_OFFL_SIR_NOPN_2_20211201T053553_20211201T053814_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_NOPN_2_20211201T061231_20211201T063237_20211201T063524_0001 CCCG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20211201T063237_20211201T063524_0001 CCCG Altimeter Range Quality PLRM, CCCG The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T070521_20211201T070701_0001 CCCG Altimeter Range Quality PLRM, CCCG The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T070613_20211201T070948_C001 CCCG Altimeter Range Quality PLRM, CCCG The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T070813_20211201T070948_C001 CCCG Altimeter Range Quality PLRM, CCCG The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T071416_20211201T071702_C001 CCCG Altimeter Range QUAlity PLRM, CCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T080610_20211201T080645_C001 CCCG Altimeter Range QUAlity PLRM, CCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T080645_C001 CCCG Altimeter Range QUAlity PLRM, CCCG Range and Backscatter QUALITY PLRM, CCCG Range and	CS_OFFL_SIR_NOPN_2_20211201T060358_20211201T060744_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_202112011003237_202112011003324_20011 OCCG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_202112011070521_202112011070701_C001 Ocean Altimeter Range SNA SWH and Backscatter Quality PLRM. OCCG Altimeter Range and Backscatter Quality PLRM. OCCG Altimeter Range and Backscatter Quality PLRM. The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112011070813_202112011070948_C001 OCCG Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_2021120110701416_202112011071702_C001 Occan Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Occean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112011080945_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112011080945_C001 OCCG Altimeter Range Quality PLRM, OCCG Altiter Range Quality PLRM, OCCG Altimeter Ran	CS_OFFL_SIR_NOPN_2_20211201T061231_20211201T061247_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20211201T070521_20211201T070701_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM ind CoG Altimeter Range and Backscatter Quality PLRM The OCOG Altimeter Range and Backscatter Quality FLRM The OCOG Altimeter Range and Backscatter Quality PLRM The OCOG Altimeter Range and Backscatter Quality FLRM The OCOG Altimeter Range and Backscatter Quality FLRM The OCOG Altimeter Range and Backscatter Quality FLRM The OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM, OCOG Range and Backscatter Quality FLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM, OCOG Range and Backscatter Quality FLRM, OCOG Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM, OCOG Range and Backscatter Quality FLRM, OCOG Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM, OCOG Range and Backscatter Quality FLRM, OCOG Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM, OCOG Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM, OCOG Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM, OCOG Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM The OCOG Range and Backscatter Quality FLRM The OCOG Range and Backscatter Qu	CS_OFFL_SIR_NOPN_2_20211201T063237_20211201T063524_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20211201T070416_20211201T071702_C001 OCOG Backscatter Quality nore records. CS_OFFL_SIR_NOPN_2_20211201T071416_20211201T071702_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Backscatter Quality FLRM, OCOG Backscatter Quality PLRM The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T080510_20211201T080945_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Q	CS_OFFL_SIR_NOPN_2_20211201T070521_20211201T070701_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_NOPN_2_20211201T071416_20211201T071702_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20211201T080510_20211201T080945_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter 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_20211201T084523_20211201T084659_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_20211201T084523_20211201T091257_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_20211201T0914643_20211201T094623_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_20211201T094643_20211201T094823_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_20211201T105501_20211201T105816_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_20211201T111533_20211201T111645_C001 OCCG Altimeter Range,	CS_OFFL_SIR_NOPN_2_20211201T070813_20211201T070948_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_202112011080310_202112011080945_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_202112011084523_202112011084859_C001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112011091136_202112011091257_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_202112011094643_202112011094823_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_202112011094643_202112011094823_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_202112011105501_202112011105816_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_202112011111533_202112011111645_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags and the OCOG Alti	CS_OFFL_SIR_NOPN_2_20211201T071416_20211201T071702_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_NOPN_2_202112011084353_2021120110846359_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_202112011091136_202112011091257_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_202112011094643_202112011094643_202112011094643_202112011094643_202112011094643_202112011094643_202112011094643_202112011094643_202112011094643_2001 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_202112011105501_202112011105816_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_2021120111105501_2021120111105816_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. Cs_OFFL_SIR_NOPN_2_202112011111533_202112011111645_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and backscatter Qual	CS_OFFL_SIR_NOPN_2_20211201T080510_20211201T080945_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_202112011094643_202112011094823_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_202112011094643_202112011094823_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_202112011105501_202112011105816_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_2021120111105501_202112011105816_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_202112011111533_202112011111645_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality Flags have been and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPN_2_20211201T084523_20211201T084859_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_202112011094643_202112011094823_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20211201T105501_20211201T105816_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_20211201T11533_20211201T111645_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20211201T091136_20211201T091257_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_202112011105301_202112011105316_C001 OCOG Backscatter Quality more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG tand Backscatter Quality PLRM, OCOG and Backscatter Quality	CS_OFFL_SIR_NOPN_2_20211201T094643_20211201T094823_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20211201T111533_20211201T111645_C001 and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Back	CS_OFFL_SIR_NOPN_2_20211201T105501_20211201T105816_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
PLRM	CS_OFFL_SIR_NOPN_2_20211201T111533_20211201T111645_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	

CS_OFFL_SIR_NOPN_2_20211201T121220_20211201T121328_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_20211201T134924_20211201T135114_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_20211201T143235_20211201T143515_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_20211201T144834_20211201T145003_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_20211201T151925_20211201T152111_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_20211201T154148_20211201T154608_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_20211201T154622_20211201T155209_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_20211201T160508_20211201T160631_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_20211201T160935_20211201T161358_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_20211201T174630_20211201T174753_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_20211201T174833_20211201T175221_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_20211201T184819_20211201T184937_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_20211201T192338_20211201T192914_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_20211201T201753_20211201T201916_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_20211201T202726_20211201T202841_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_20211201T210502_20211201T210638_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_20211201T220416_20211201T220454_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_20211201T231306_20211201T231637_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_20211201T002214_20211201T002857_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_20211201T003914_20211201T004121_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_20211201T020246_20211201T020822_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_20211201T025709_20211201T030129_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_20211201T030129_20211201T030344_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_20211201T035849_20211201T040001_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_20211201T041425_20211201T041754_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_20211201T041754_20211201T042241_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_20211201T043650_20211201T044304_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_20211201T044850_20211201T044915_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_20211201T052402_20211201T052548_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_20211201T053814_20211201T053945_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_20211201T061656_20211201T061754_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_20211201T061828_20211201T062306_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_20211201T070233_20211201T070521_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_20211201T071702_20211201T071903_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_20211201T075238_20211201T075344_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_20211201T075558_20211201T080510_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_20211201T084045_20211201T084523_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_20211201T085550_20211201T085819_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_20211201T092910_20211201T093234_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_20211201T093622_20211201T094410_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_20211201T102110_20211201T102444_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_20211201T103441_20211201T103849_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_20211201T111321_20211201T111533_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_20211201T111645_20211201T112552_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_20211201T121328_20211201T121717_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_20211201T125600_20211201T130317_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_20211201T135114_20211201T135801_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_20211201T141040_20211201T141201_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_20211201T143515_20211201T144219_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_20211201T153544_20211201T153611_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_20211201T165714_20211201T165818_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_20211201T171042_20211201T171239_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_20211201T175221_20211201T180108_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_20211201T184937_20211201T185219_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_20211201T192914_20211201T193654_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_20211201T193712_20211201T193824_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_20211201T194001_20211201T194115_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_20211201T201526_20211201T201753_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_20211201T202841_20211201T203250_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_20211201T215325_20211201T215732_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_20211201T220724_20211201T221107_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_20211201T224528_20211201T224657_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_20211201T233320_20211201T233716_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_20211201T234651_20211201T235026_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.					

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

187

64

142

> 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.

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	184	184	3	181	0
SIR_NOPR1B	106	106	0	106	0
SIR_NOPN1B	106	106	3	103	0
SIR_NOPM_2	184	184	127	57	0
SIR_NOPR_2	106	106	29	76	1
SIR_NOPN_2	106	106	38	68	0

7.1 QCC Errors

Number of QCC reports with errors:

Total number of occurrences of each error											
Product Type RLOB	BOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_NOPR_2	1	1	1	1							
Test Description Key:											
Abbreviation	Test nam	ne		Details							

7.2 QCC Warnings

4

Total number of occurrences of each warning

Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC
SIR_NOPM1B	181	0	0	0	0	0	0
SIR_NOPM_2	0	0	41	42	1	51	0
SIR_NOPN1B	101	0	0	0	0	0	0
SIR_NOPN_2	0	0	9	36	1	27	29
SIR_NOPR1B	104	0	0	0	0	0	0
SIR_NOPR_2	0	1	30	43	0	28	23
		-					
Product Type	RBSZOPOEPNCDF	RPEPOPFDLRMNCDF		DRPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	44	36	0	0	0	0	29
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	20	0	0	24	0	37	0
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	7	0	50	0	56	0	0
Due de st Terres	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF
Product Type		RPEPOPSINNCDF	RSSBCONCDF	RSSHAUFDNCDF	RSSHAUFDPLRMNCDF	RSSHAUNCUF	RSWHOEPFDNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	0	0	6	25	0	4	38
SIR_NOPN1B	0	0	0	0	0	0	0
						1	
SIR_NOPN_2	0	27	20	44	56	36	32
SIR_NOPR1B	0	0	0	0	0	0	0
				0	56 0 30		-
SIR_NOPR1B SIR_NOPR_2	0 45	0 0	0 2	0 60	0 30	0 5	0
SIR_NOPR1B SIR_NOPR_2 Product Type	0 45 RSWHOEPFDPLRMNCDF	0 0	0	0 60	0	0 5 SCSTODNCDF	0
SIR_NOPR1B SIR_NOPR_2 Product Type SIR_NOPM1B	0 45 RSWHOEPFDPLRMNCDF 0	0 0	0 2 SPHRTASCNSNCDF	0 60	0 30	0 5	0
SIR_NOPR1B SIR_NOPR_2 Product Type SIR_NOPM1B SIR_NOPM_2	0 45 RSWHOEPFDPLRMNCDF 0 0	0 0	0 2 SPHRTASCNSNCDF	0 60 SOOHHIFHD 0 0	0 30 SCSTODHRNCDF 0 0	0 5 SCSTODNCDF	0
SIR_NOPR1B SIR_NOPR_2 Product Type SIR_NOPM1B SIR_NOPM_2 SIR_NOPN1B	0 45 RSWHOEPFDPLRMNCDF 0 0 0	0 0 RSWHOEPNCDF 0 2 0	0 2 SPHRTASCNSNCDF	0 60 SOOHHIFHD 0 0	0 30	0 5 \$CSTODNCDF 0 0	0
SIR_NOPR1B SIR_NOPR_2 Product Type SIR_NOPM1B SIR_NOPM_2	0 45 RSWHOEPFDPLRMNCDF 0 0	0 0 RSWHOEPNCDF 0 2	0 2 SPHRTASCNSNCDF	0 60 SOOHHIFHD 0 0	0 30 SCSTODHRNCDF 0 0	0 5 \$CSTODNCDF 0 0	0

Test Description Key:		
Abbreviation	Test name	Details
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAOFDPLRMNCD F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
DF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Start_v2_NetCDF	Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1)
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0