

QA4EO Daily Report for NOP data:

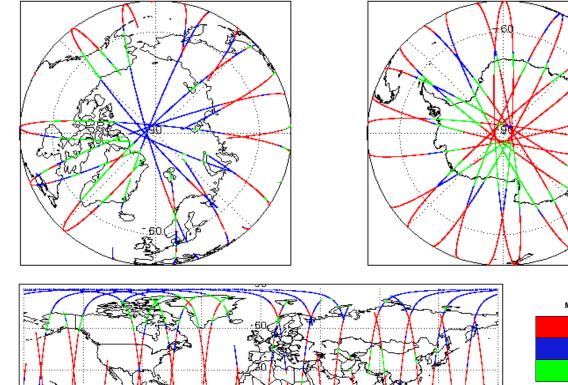
<u>15/03/2021</u>

Panart Braduation	16-Mar-2021	Check	L1 & L2
Report Production:	10-Mar-2021	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CriveSet Oscan Brasses	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Useu.	CryoSat Ocean Processor	Product Software Check	Nominal
Data Used:	Near Real Time Ocean Products (NOP)	Product Format Check	Nominal
Data Used:	L1B & L2 Science Data	Product Header Analysis	Nominal
		Auxiliary Data File Usage Check	Nominal
		Auxiliary Correction Error Check	See Section 5.4
		Measurement Confidence Data Check	See Section 4.5, 4.6
		Measurement Quality Flag Check	See Section 5.6
		Ocean Retracking Quality Check	See Section 5.7
		QCC Error/ Warning Check	See Section 7.1 and 7.2

1. Overview

	Mission / Instrument News		
ſ	14-Mar-2021	None	
	15-Mar-2021	None	
	16-Mar-2021	Nothing planned	







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SARIn

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

35

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).

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4.2 L1B Product Header Analysis						
For all products, a series of pre-defined checks are performed on the MPH and						
L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1B IOPR and IOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release.						
Number of products with errors: 0						
4.3 L1B Auxilary Data File Usage Check						
Each product is checked for missing Data Set Descriptors with respect to a pro	e-determined baseline and also t	o check the validity of Auxiliary Data Files is correct.				
Dynamic Atmospheric Correction: The DAC is missing in all products becau	use the auxiliary files required are	e not available in time for processing. This known and expected behaviour.				
Number of products with errors: 0						
4.4 L1B Auxiliary Correction Error Check						
CryoSat L1B data includes a correction error flag for each measurement recor	rd. The bit value of this flag indica	ates any problems when set.				
Number of products with errors: 0						
4.5 L1B Measurement Confidence Data Check						
CryoSat L1B data includes a measurement confidence flag for each measurer	ment record. The bit value of this	flag indicates any problems when set.				
> Attitude Correction Missing: This flag is currently set in error for NOPR pr						
Number of products with errors: 0	-					
A A LAD Wasseferme Onesine Date Objects						
4.6 L1B Waveform Group Data Check						
H.O LID Waveloini Group Data Check						
·	d. The bit value of this flag indica	tes any problems when set.				
CryoSat L1B data includes a waveform data flag for each measurement recor	-	tes any problems when set.				
CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for products over land, but this	-	tes any problems when set.				
CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for products over land, but this Number of products with errors: 18	-	tes any problems when set. Description				
CryoSat L1B data includes a waveform data flag for each measurement recorn Loss of Echo Flag: This flag is currently set for products over land, but this Number of products with errors: 18 Product	is to be expected.					
CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for products over land, but this Number of products with errors: 18 Product CS_OFFL_SIR_NOPM1B_20210315T031844_20210315T032815_C001	is to be expected.	Description				
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Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

0

0

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.

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

39

> 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:

CS_OFFL_SIR_NOPN_2_20210315100390_20210315104402_0001 Topogram Mean Sc CS_OFFL_SIR_NOPN_2_20210315T012032_20210315T012039_C001 Tide (CE CS_OFFL_SIR_NOPN_2_20210315T0120122_20210315T012039_C001 Mean Sc Tide (CE CS_OFFL_SIR_NOPN_2_20210315T012032_20210315T021819_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T030044_20210315T030146_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T043838_20210315T044023_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T063352_20210315T0644023_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T061520_20210315T0644023_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T061520_20210315T062455_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T103103_20210315T103417_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T12040_20210315T120455_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T134405_20210315T1344712_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T134405_20210315T1344712_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T134405_20210315T1344712_C001 Mean Sc Topogram CS_OFFL_SIR_NOPN_2_20210315T134405_2021	a Surface (1), Mean Dynamic oby (1), Total Geocentric Ocean T), Total Geocentric Ocean S), Non-Equilibrium Long Perio de a Surface (1), Mean Dynamic oby (1), Total Geocentric Ocean S), Non-Equilibrium Long Perio de namic Topography (1) a Surface (1), Mean Dynamic oby (1) namic Topography (1), Total ic Ocean Tide (GOT) a Surface (1), Mean Dynamic oby (1) namic Topography (1) namic Topography (1) a Surface (1), Mean Dynamic oby (1) namic Topography (1) a Surface (1), Mean Dynamic oby (1), Total Geocentric Ocean S), Non-Equilibrium Long Perio de a Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records There is an error with the Mean Dynamic Topography height for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records There is an error with the Mean Dynamic Topography height for one or more records There is an error with the Mean Dynamic Topography height for one or more records There is an error with the Mean Dynamic Topography height for one or more records
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CS_OFFL_SIR_NOPN_2_20210315T10303_20210315T103417_C001 Topogral CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T1120340_20210315T1120455_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T12000_20210315T120455_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T121000_20210315T121316_C001 Tide (GC Tide (GC Tide (GC CS_OFFL_SIR_NOPN_2_20210315T134435_20210315T134712_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T134435_20210315T135451_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T144905_20210315T144110_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T16902_20210315T162008_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T170208_20210315T170408_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T180402_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T20052_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T20052_20210315T200252_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T220417_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T20052_20210315T230205_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T203956_20210315T234316_C001 <td< td=""><td>oby (1) namic Topography (1) a Surface (1), Mean Dynamic oby (1), Total Geocentric Ocean IT), Total Geocentric Ocean S), Non-Equilibrium Long Perio de a Surface (1), Mean Dynamic oby (1)</td><td>Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or more records There is an error with the Mean Dynamic Topography height for one or more records There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic</td></td<>	oby (1) namic Topography (1) a Surface (1), Mean Dynamic oby (1), Total Geocentric Ocean IT), Total Geocentric Ocean S), Non-Equilibrium Long Perio de a Surface (1), Mean Dynamic oby (1)	Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or more records There is an error with the Mean Dynamic Topography height for one or more records There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic
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CS_OFFL_SIR_NOPN_2_20210315T121000_20210315T121316_C001 Mean Se Topogran Tide (GC Tide (FE Ocean T CS_OFFL_SIR_NOPN_2_20210315T134435_20210315T134712_C001 Mean Se Topogran CS_OFFL_SIR_NOPN_2_20210315T1344905_20210315T135451_C001 Mean Se Topogran CS_OFFL_SIR_NOPN_2_20210315T144905_20210315T135451_C001 Mean Se Topogran CS_OFFL_SIR_NOPN_2_20210315T143950_20210315T144110_C001 Mean Se Topogran CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Mean Se Topogran CS_OFFL_SIR_NOPN_2_20210315T161902_20210315T162008_C001 Mean Se Topogran CS_OFFL_SIR_NOPN_2_20210315T170208_20210315T170408_C001 Mean Se Topogran CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T180402_C001 Mean Se Topogran CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T220052_20210315T202055_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T223402_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T223402_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T223402_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315	a Surface (1), Mean Dynamic ohy (1), Total Geocentric Ocean IT), Total Geocentric Ocean S), Non-Equilibrium Long Perio de a Surface (1), Mean Dynamic ohy (1)	more records There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_NOPN_2_20210315T121000_20210315T121316_C001 Topogral Tide (GC Decean T CS_OFFL_SIR_NOPN_2_20210315T134435_20210315T134712_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T143950_20210315T144110_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T161902_20210315T162008_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T170208_20210315T170408_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T170408_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T22052_20210315T220417_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se Topogral CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se Topogral	ohy (1), Total Geocentric Ocean IT), Total Geocentric Ocean S), Non-Equilibrium Long Perio de a Surface (1), Mean Dynamic ohy (1)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_NOPN_2_202103151134435_202103151134712_C001 Topogral CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T143950_20210315T144110_C001 Topogral CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T161902_20210315T162008_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T170208_20210315T170408_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T180402_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T180402_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T220052_20210315T202052_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se	bhy (1)	
CS_OFFL_SIR_NOPN_2_202103151134905_202103151133451_C001 Topogral CS_OFFL_SIR_NOPN_2_20210315T143950_20210315T144110_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T161902_20210315T162008_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T170208_20210315T170408_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T180402_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T220052_20210315T202055_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se	a Surface (1), Mean Dynamic	
CS_OFFL_SIR_NOPN_2_202103151143950_202103151144110_C001 Topogral CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T161902_20210315T162008_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T170208_20210315T170408_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T180402_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T22052_20210315T220417_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se		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_202103151152250_202103151152610_C001 Topogral CS_OFFL_SIR_NOPN_2_20210315T161902_20210315T162008_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T170208_20210315T170408_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T170408_C001 Mean Se Topogral Topogral CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T180402_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T220052_20210315T220417_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se	a Surface (1), Mean Dynamic bhy (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_202103151101902_202103151102008_C001 Topogral CS_OFFL_SIR_NOPN_2_20210315T170208_20210315T170408_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T180402_C001 Mean Se Topogral Topogral CS_OFFL_SIR_NOPN_2_20210315T175816_20210315T180402_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T220052_20210315T220417_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se	a Surface (1), Mean Dynamic bhy (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_20210315T175816_20210315T180402_C001 Mean Set Topograj Tide (GC CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T220052_20210315T220417_C001 Mean Set Topograj CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 Mean Set Topograj CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Set Topograj CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Set Topograj CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Set Topograj	a Surface (1), Mean Dynamic ohy (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_20210315T175816_20210315T180402_C001 Topogral Tide (GC CS_OFFL_SIR_NOPN_2_20210315T202102_20210315T202222_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T220052_20210315T220417_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPR_2_20210315T233956_20210315T234316_C001 Mean Se Mean Se Topogral	namic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20210315T220052_20210315T220417_C001 Mean Set Topogral CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Set Topogral CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Set Topogral CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Set Topogral	a Surface (1), Mean Dynamic ohy (1), Total Geocentric Ocear T)	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_202103151220052_202103151220417_C001 Topogral CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 Mean Dy CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se Topogral Mean Se CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se CS_OFFL_SIR_NOPR_2_20210315T23240_20210315T013029_C001 Mean Se	namic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20210315T233956_20210315T234316_C001 Mean Se Topogral CS_OFFL_SIR_NOPR_2_20210315T012240_20210315T013029_C001 Mean Se	a Surface (1), Mean Dynamic bhy (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_202103151233956_202103151234316_C001 Topogral Mean Se	namic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
	a Surface (1), Mean Dynamic bhy (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
	a Surface (1), Mean Dynamic ohy (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_20210315T030147_20210315T030712_C001 Mean Se Topograj	a Surface (1), Mean Dynamic ohy (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_20210315T035714_20210315T035944_C001 Mean Se	a Surface (1)	There is an error with the MSS height (solution 1) for one or more record
CS_OFFL_SIR_NOPR_2_20210315T043027_20210315T043134_C001 Mean Se Topogra	- *	There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_NOPR_2_20210315T044049_20210315T044744_C001 Mean Se Topogra	a Surface (1), Mean Dynamic	Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20210315T050125_20210315T050941_C001 Mean Dy	a Surface (1), Mean Dynamic hy (1) a Surface (1), Mean Dynamic	Topography height (solution 1) for one or more records 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_20210315T061912_20210315T062420_C001	a Surface (1), Mean Dynamic hy (1) a Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic

CS_OFFL_SIR_NOPR_2_20210315T094620_20210315T094805_C001		There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20210315T095203_20210315T095350_C001		There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20210315T152112_20210315T152250_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20210315T161220_20210315T161418_C001	Iviean Dynamic Topodraphy (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20210315T193332_20210315T193835_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_20210315T211052_20210315T212036_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_20210315T225057_20210315T225932_C001		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. 0

Number of products with errors:

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

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

83

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210314T235352_20210315T000252_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_20210315T000538_20210315T002805_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_20210315T003455_20210315T003905_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_20210315T004058_20210315T010316_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_20210315T010408_20210315T010830_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_20210315T013042_20210315T013113_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_20210315T013446_20210315T013819_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_20210315T013959_20210315T020653_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_20210315T020822_20210315T021348_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_20210315T021407_20210315T021632_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_20210315T022110_20210315T022138_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_20210315T022452_20210315T023719_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_20210315T023806_20210315T025507_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_20210315T031844_20210315T032815_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_20210315T033018_20210315T034607_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_20210315T034750_20210315T035245_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_20210315T035253_20210315T035300_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_20210315T040144_20210315T041407_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_20210315T041847_20210315T043026_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_20210315T050941_20210315T052459_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_20210315T052717_20210315T053200_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_20210315T053800_20210315T060518_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_20210315T081638_20210315T081905_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_20210315T081908_20210315T084407_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_20210315T084534_20210315T085030_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_20210315T085037_20210315T085406_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_20210315T085712_20210315T093210_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_20210315T094513_20210315T094619_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_20210315T101721_20210315T101843_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_20210315T102043_20210315T102351_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_20210315T102533_20210315T103102_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_20210315T103608_20210315T111026_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_20210315T112353_20210315T112531_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_20210315T114313_20210315T120258_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_20210315T120455_20210315T121000_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_20210315T121511_20210315T124923_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_20210315T131445_20210315T133736_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_20210315T134712_20210315T134905_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_20210315T135545_20210315T140804_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_20210315T141806_20210315T142617_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_20210315T144528_20210315T150222_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_20210315T150422_20210315T151847_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.

Display Display <thdisplay< th=""> <th< th=""><th>CS_OFFL_SIR_NOPM_2_20210315T152611_20210315T152817_C001</th><th>OCOG Altimeter Range Quality, OCOG Backscatter Quality</th><th>The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.</th></th<></thdisplay<>	CS_OFFL_SIR_NOPM_2_20210315T152611_20210315T152817_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
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 CH, DHL, SRUNDHLZ, 2021015119802, 20210351190802, 2021 CH, SRUNDHLZ, 2021051190802, 202105151100502, 202105151100502, 2021 CH, SRUNDHLZ, 202105151100502, 202105151100502, 202105151100502, 2021 CH, SRUNDHLZ, 202105151100502, 202105151100502, 202105151100502, 2021 CH, SRUNDHLZ, 202105151100501, 2021051110202, 202	CS_OFFL_SIR_NOPM_2_20210315T153455_20210315T154805_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C2: 0FH, SR NOPM 2 8211015110223 22110311110223 2211031110223 22110311110223 22110311110223 2211031110223 22110311	CS_OFFL_SIR_NOPM_2_20210315T154923_20210315T155032_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Die Officiens (NVML 2 20010161100007 20010110000 0001 Bekkender Guelly Sin owe innove resolution CB, OFFL, SR, NOPAL 2, 20010316110001 2001051010000 Die Oran Allender Range, SSIA, SVM and Basscatter Cashly Plagt New Level Allender Range, SSIA, SVM and Basscatter Cashly Pl	CS_OFFL_SIR_NOPM_2_20210315T155233_20210315T160154_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C5. 0FTL_SRI, NOM_2.20210315716311.2021031571631.202103 and Backader Quality, OCOG Amated Regins and Rescarder Quality, OCOG Amated Regins and Rescarder Quality, COCG Amated Regins and Regins and Rescarder Quality, Flags Interbern and Backarder Quality, COCG Amated Regins and Rescarder Quality, COCG Amated Regins and Rescarder Cuality, COCG Amated Regins and Rescarder Cuality	CS_OFFL_SIR_NOPM_2_20210315T162009_20210315T162059_C001		
CB_CPFL_SIFL_NOPM_2_202103151171468_202103151179138_2001 Anther Rega and Balacater Quality Plags have been set to concern concern. CB_CPFL_SIFL_NOPM_2_202103151170168_202103151179122_2001 COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_202103151179108_2001 COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_20210315117940_2001 COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_20210315117940_2001 COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_20210315117940_2001 COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_20210315117940_2001 COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_20210315118302_20103151184028_CODI COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_202103151184028_CODI COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_20210315118438_202103151184028_CODI COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_20210315118438_202103151184028_CODI COCO_Altimuter Rega and Balacater Quality Plags have been set to concern. CB_CPFL_SIFL_NOPM_2_20210315118438_20210315118408_CODI COCOO_Altimuter Rega and Balacater Quality Plags have been set to coc	CS_OFFL_SIR_NOPM_2_20210315T163011_20210315T164122_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Displand Displand Backsocier During Backsocier During Backsocier During During <thduring< th=""> During During</thduring<>	CS_OFFL_SIR_NOPM_2_20210315T164648_20210315T170138_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS, OFFL_SIR_NOPM_2_202103151171416_202103151173040_2001 and Beacacter Quality Coold and the OCIO Aftered Renga and Beacacter Quality Flags have been Affinder Renga and Beacacter Quality Flags have been after one or more records. CS, OFFL_SIR_NOPM_2_202103151180383_202103151180385_2001 COCIO Affinder Renga and Beacacter Quality Flags have been after one or more records. CS_OFFL_SIR_NOPM_2_202103151180383_202103151180383_202103151190383_202103151190383_2021 COCIO Affinder Renga and Beacacter Quality Flags have been after one or more records. CS_OFFL_SIR_NOPM_2_202103151180383_202103151190383_202103151190383_2021 COCIO Affinder Renga and Beacacter Quality Flags have been after one or more records. CS_OFFL_SIR_NOPM_2_202103151190383_202103151190383_2021 COCIO Affinder Renga and Beacacter Quality Flags have been after one or more records. CS_OFFL_SIR_NOPM_2_202103151190383_202103151190383_2021 COCIO Affinder Renga and Beacacter Quality Flags have been after one or more records. CS_OFFL_SIR_NOPM_2_202103151190319_201911_2001 COEIA Affiniter Renga and Beacacter Quality Flags have been after one orecords. CS_OFFL_SIR_NOPM_2_20210315120	CS_OFFL_SIR_NOPM_2_20210315T170408_20210315T171222_C001		
CS_OFFL_SIR_NOPM_2_20210315T173407_20210315T173407_20210315T173407_20210315T173407_20210315T184072_0001 and Backscatter Cuality methe COCO Altimeter Range and Backscatter Cuality Flags have been Altimeter Range and Backscatter Cuality Flags have been and Bookscatter Cuality CS_OFFL_SIR_NOPM_2_20210315T18102_20210315T181028_C001 Occon Altimeter Range, SSHA, SWH and Backscatter Cuality The Occon Altimeter Range and Backscatter Cuality CS_OFFL_SIR_NOPM_2_20210315T181033_20210315T1810408_C001 Occon Altimeter Range, SSHA, SWH and Backscatter Cuality The Occon Altimeter Range and Backscatter Cuality CS_OFFL_SIR_NOPM_2_20210315T180035_C001 Occon Altimeter Range, SSHA, SWH and Backscatter Cuality The Occon Altimeter Range and Backscatter Cuality CS_OFFL_SIR_NOPM_2_20210315T180035_C0011 Occon Altimeter Range Cuality, OCCO The Occon Altimeter Range and Backscatter Cuality Flags have been set for user annor records. CS_OFFL_SIR_NOPM_2_20210315T180035_C0011 OCCO Altimeter Range Cuality, OCCO The OCCO Altimeter Range and Backscatter Cuality Flags have been set for user annor records. CS_OFFL_SIR_NOPM_2_20210315T180035_C0011 OCCO Altimeter Range SSHA, SWH and Backscatter Cuality Flags have been set for user annor records. CS_OFFL_SIR_NOPM_2_20210315T180102_20210315T19104_C001 Occon Altimeter Range SSHA, SWH and Backscatter Cuality Flags have been set for user annor records. CS_OFFL_SIR_NOPM_2_20210315T191012_C001 Occean Altimeter Range, SSHA, SWH and Backscatter Cuality	CS_OFFL_SIR_NOPM_2_20210315T171416_20210315T173043_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SR_NOPM_2_20210315T181319_02210315T185085_0001 and the 02COG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210315T185085_0001 OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210315T185085_0001 OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210315T185085_0001 OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210315T185085_0001 OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210315T185085_0001 OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210315T185010_20210315T195108_0001 OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210315T185112_0210315T210911_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210315T210911_2001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SR_NOPM_2_20210315T210911_2001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210315T173407_20210315T173909_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OPE_SIR_NOPM_2_20210315118633_20210315T195186_C001 Backscatter Quality for one or more records. CS_OPFL_SIR_NOPM_2_20210315T18533_20210315T191846_C001 Ocean Alimeter Range SINA, SWH and Backscatter Quality Flags have been set for one or more records. In the OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T195046_20210315T195108_C001 OCOG Alimeter Range Quality. OCOG The OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T195046_20210315T195108_C001 OCOG Alimeter Range Quality. OCOG The OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T195118_20210315T201911_C001 OCean Alimeter Range. SINA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T201911_20210315T210041_C001 Ocean Alimeter Range. SINA, SWH and Backscatter Quality Flags have been mat flore or more records. The OCOGA Alimeter Range. SINA, SWH and Backscatter Quality Flags have been mat Backscatter Quality. COCG Alimeter Range. SINA, SWH and Backscatter Quality Flags have been mat flore or more records. CS_OFFL_SIR_NOPM_2_20210315T210911_20210315T210041_C001 Ocean Alimeter Range. SINA, SWH and Backscatter Quality Flags have been mat flore or more records. The OCean Alimeter Range. SINA, SWH and Backscatter Quality Flags have been mat flore or more	CS_OFFL_SIR_NOPM_2_20210315T181319_20210315T184028_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210315718533_20210315719548_C001 and Backscatter Quality and the OCG Altimeter Range and Backscatter Quality Steps CS_OFFL_SIR_NOPM_2_202103157185035_001 CCG Altimeter Range Quality. OCCG The OCGA Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_202103157195040_202103157195108_C001 CCGG Altimeter Range Quality. OCCG The OCGA Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_202103157195108_0_2013157195108_C001 CCGG Altimeter Range SSHA, SWH The OCGA Altimeter Range SSHA, SWH CS_OFFL_SIR_NOPM_2_202103157195112_02103157203157201911_C001 CCGean Altimeter Range SSHA, SWH The OCGA Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_2021031571203157210315722043_C001 CCGGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_202103157220417_20210315722043_C001 CCGGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more	CS_OFFL_SIR_NOPM_2_20210315T184541_20210315T185055_C001		
CS_OFFL_SIR_NOPM_2_20210315T195040_20210315T195040_20210315T195040_20210315T195108_C001 DCOG Altimeter Range Quality, DCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T195112_20210315T201911_C001 DCoan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T203237_20210315T210041_C001 DCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T203237_20210315T210041_C001 DCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T210911_20210315T210041_C001 DCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T210911_20210315T210051_C001 DCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T21041_20210315T21055_C001 DCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T220417_20210315T220443_C001 DCean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224813_C001 DCean Altimeter Range ASHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224813_C001 DCean Altimeter Range ASHA, SWH and Backscatter Quality Flags hav	CS_OFFL_SIR_NOPM_2_20210315T185333_20210315T191848_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
LS_OFFL_SIR_NOPM_2_202103151195040_2021031512201911_0001 Backscatter Quality for one or more records. GS_OFFL_SIR_NOPM_2_202103151195112_202103157201911_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been at for one or more records. GS_OFFL_SIR_NOPM_2_20210315T220417_20210315T22043_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_NOPM_2_20210315T224644_20210315T224643_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been at for one or more records.	CS_OFFL_SIR_NOPM_2_20210315T195025_20210315T195035_C001		
CS_OFFL_SIR_NOPM_2_20210315T219112_20210315T201911_C001 and Backscatter Quality, COGG and the COCG Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T203237_20210315T210041_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T210011_20210315T211051_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T212011_20210315T211051_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T212419_20210315T215850_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T212419_20210315T215850_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T221417_20210315T220943_C001 OCOG Altimeter Range, SSHA, SWH The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T221111_20210315T221735_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T224813_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_202103	CS_OFFL_SIR_NOPM_2_20210315T195040_20210315T195108_C001		
CS_OFFL_SIR_NOPM_2_20210315T220237_20210315T210041_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPM_2_20210315T210911_20210315T211051_C001 Doean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCEG Altimeter Range, SSHA, SWH and Backscatter Quality The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality	CS_OFFL_SIR_NOPM_2_20210315T195112_20210315T201911_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210315T210911_20210315T21061_C001 and Backscatter Quality, OCCG and the OCCG Attimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T212419_20210315T215850_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T220417_20210315T220943_C001 OCGA Attimeter Range Quality, OCCG The OCGA Attimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_20210315T220417_20210315T220943_C001 OCGA Attimeter Range Quality, OCCG The OCGA Attimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_20210315T221111_20210315T221735_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set The OCGA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_20210315T221111_20210315T221735_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCGA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224813_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224823_20210315T224813_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224823_20210315T224823_20210315T224823_20210315T231218_C001 <t< td=""><td>CS_OFFL_SIR_NOPM_2_20210315T203237_20210315T210041_C001</td><td>and Backscatter Quality, OCOG</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></t<>	CS_OFFL_SIR_NOPM_2_20210315T203237_20210315T210041_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210315T212419_20210315T215850_C001 and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPM_2_20210315T220417_20210315T220943_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_20210315T220117_20210315T221735_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T221111_20210315T221735_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224813_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224803_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224805_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224823_20210315T225056_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T230352_20210315T231218_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T2315	CS_OFFL_SIR_NOPM_2_20210315T210911_20210315T211051_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202103151220417_202103151220943_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPM_2_202103157221111_20210315T221735_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 CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224813_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG 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 CS_OFFL_SIR_NOPM_2_20210315T224803_20210315T225056_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 and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. </td <td>CS_OFFL_SIR_NOPM_2_20210315T212419_20210315T215850_C001</td> <td>and Backscatter Quality, OCOG</td> <td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td>	CS_OFFL_SIR_NOPM_2_20210315T212419_20210315T215850_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210315T221111_20210315T221735_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224813_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224823_20210315T225056_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been The Ocean Altimeter Range, SSHA, SWH 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_20210315T230352_20210315T231218_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_NOPM_2_20210315T231503_20210315T233812_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. <td>CS_OFFL_SIR_NOPM_2_20210315T220417_20210315T220943_C001</td> <td></td> <td></td>	CS_OFFL_SIR_NOPM_2_20210315T220417_20210315T220943_C001		
CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224813_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T224823_20210315T225056_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T230352_20210315T231218_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been ad the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T231503_20210315T233812_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags an	CS_OFFL_SIR_NOPM_2_20210315T221111_20210315T221735_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210315T224823_20210315T225056_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T230352_20210315T231218_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T231503_20210315T233812_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG The Ocean Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG A	CS_OFFL_SIR_NOPM_2_20210315T224804_20210315T224813_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210315T230352_20210315T231218_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20210315T231503_20210315T233812_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscat	CS_OFFL_SIR_NOPM_2_20210315T224823_20210315T225056_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210315T231503_20210315T233812_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20210315T230352_20210315T231218_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPM_2_20210315T231503_20210315T233812_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_NOPM_2_20210315T234425_20210315T234834_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_20210315T235011_20210316T001010_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_20210315T010316_20210315T010408_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_20210315T025659_20210315T025915_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_20210315T134435_20210315T134712_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_20210315T184141_20210315T184259_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_20210315T225933_20210315T230205_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_20210315T035714_20210315T035944_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_20210315T121317_20210315T121511_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_20210315T152112_20210315T152250_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_20210315T162156_20210315T162341_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_20210315T162809_20210315T163011_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_20210315T180403_20210315T180624_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_20210315T210719_20210315T210910_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_20210315T233813_20210315T233955_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.

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20210315T002851_20210315T003314_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_20210315T003905_20210315T004022_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_20210315T011823_20210315T012024_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_20210315T012113_20210315T012239_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_20210315T021632_20210315T021819_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_20210315T031505_20210315T031646_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_20210315T034607_20210315T034749_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_20210315T035445_20210315T035713_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.

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DECOM CONTROLMCUCADE/0001910/LAU 001910/LAU 001910/LAU DeCOM Backardter Cality Proce conts CIL GRFL LIRE, NORK 2, 202100 511001162, 2021010102300, CONT COND Altered Range Cality (CALITY) The COND Reveal and Cality (CALITY) CIL, DFFL LIRE, NORK 2, 202100 511001162, 2021010102300, CONT COND Altered Range Cality (CALITY) The COND Reveal and Cality (CALITY) CIL, DFFL LIRE, NORK 2, 202100 511001162, 2021010 1012300, CONT COND Altered Range Cality (CALITY) The COND Reveal and Cality (CALITY) CIL, DFFL LIRE, NORK 2, 202100 511001162, 202101 102101244, CONT COND Altered Range Cality (CALITY) The COND Reveal and Cality (CALITY) CIL, DFFL LIRE, NORK 2, 2021051010121, 202101101010144, CONT COND Altered Range Cality (CALITY) The COND Reveal and Cality (CALITY) CIL, DFFL LIRE, NORK 2, 2021051010121, 202101101010144, CONT COND Altered Range Cality (CALITY) The COND Reveal and Cality (CALITY) CIL, DFFL LIRE, NORK 2, 2021051010121, 202101101010144, CONT COND Altered Range Cality (CALITY) The COND Reveal and Cality (CALITY) CIL, DFFL LIRE, NORK 2, 20210510104407, 20210311021021021 COND Altered Range Cality (CALITY) The COND Reveal and Cality (CALITY) CIL, DFFL LIRE, NORK 2, 20210510104407, 202103101004407, 202103101004407, 20210000000000000000000000000000000000	CS_OFFL_SIR_NOPN_2_20210315T041407_20210315T041436_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
DCDTL_SRV, NOPL_2_AD1010101011_CALCULUS 0101101_CALCULUS DCDDT Biolocality Proce match C2_00FL_SRV_NOPL_2_D0101010144_0_20100107100384_CDD1 DCDDT Biolocality 01011_CALCULUS Proc match C3_00FL_SRV_NOPL_2_D0101010144_0_20100107100384_CDD1 DCDDT Biolocality 01011_CALCULUS Proc match C3_00FL_SRV_NOPL_2_D0101010144_0_20100107100384_CDD1 DCDDT Biolocality 01011_CALCULUS Proc match C3_00FL_SRV_NOPL_2_D0101010144_0_2010010710_CDD1 DCDDT Biolocality 01011_CALCULUS Proc match C3_00FT_SRV_NOPL_2_D0101010144_0_20101010144_0_CDD1 DCDDT Biolocality 01011_CALCULUS Proc match C3_00FT_SRV_NOPL_2_D0101010144_0_20101010144_0_CDD1 DCDDT Biolocality 01011_CALCULUS Proc match C3_00FT_SRV_NOPL_2_D0101010144_0_201010101444_0_CDD1 DCDDT Biolocality 01011_CALCULUS Proc DCDT Biolocality 01011_CALUUS C3_00FT_SRV_NOPL_2_D01010101444_0_201010101444_0_CDD1 DCDDT Biolocality 01011_CALUUS Proc DCDT Biolocality 01011_CALUUS C3_00FT_SRV_NOPL_2_D010101014452_02010101014451_0_CD0101 DCDDT Biolocality 01011_CALUUS Pro	CS_OFFL_SIR_NOPN_2_20210315T041451_20210315T041518_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Control Control <t< td=""><td>CS_OFFL_SIR_NOPN_2_20210315T041519_20210315T041847_C001</td><td></td><td>The OCOG Range and Backscatter Quality Flags have been set for one or more records.</td></t<>	CS_OFFL_SIR_NOPN_2_20210315T041519_20210315T041847_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFL_SIR_NOPL_2_2021031510331_20210315143322_0001 and backades_Daily FLML ACCO and backades_Daily FLML ACCO CS_OFL_SIR_NOPL_2_2021031510341_20210315143322_0001 COCO_Alised range Daily FLML The OCOO Range and Sedecatine Quality FLML Accord Backades Calling FLML Accor	CS_OFFL_SIR_NOPN_2_20210315T043140_20210315T043304_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
C2. DFL_SR_NOPL_2.00103110249_200103110249_2001 CCCC Abreter Kange Quality HXN, The CCCCG Kange and Backcoster Quality HXN, The CCCG Kange and Backcoster Quality Flags have been set for one more recerts. C3. QFL_SR_NOPL_2_001031100409_2001031100409_200103100409_2001 CCCC Abreter Kange Quality HXN, The CCCG Kange and Backcoster Quality Flags have been set for one more recerts. C3. QFL_SR_NOPL_2_001031100409_2001031100409_2001 CCCC Abreter Kange Quality HXN, The CCCG Kange and Backcoster Quality Flags have been set for one more recerts. C3. QFL_SR_NOPL_2_001031100409_2001031100409_2001 CCCC Abreter Kange Quality HXN, The CCCG Kange and Backcoster Quality Flags have been set for one more recerts. C3. QFL_SR_NOPL_2_001031100409_2001103100409_2001 CCCC Abreter Kange Quality HXN, The CCCG Kange and Backcoster Quality Flags have been set for one more recerts. C3. QFL_SR_NOPL_2_001031100409_2001103100409_2001 CCCC Abreter Kange Quality HXN, The CCCG Kange and Backcoster Quality Flags have been set for one more recerts. C3. QFL_SR_NOPL_2_001031100409_2001103100409_2001 CCCC Abreter Kange Quality HXN, The CCCG Kange and Backcoster Quality Flags have been set for one more recerts. C3. QFL_SR_NOPL_2_001031100409_2001103100409_2001 CCCC Abreter Kange Quality HXN, The CCCG Kange and Backcoster Quality Flags have been set for one more recerts. C3. QFL_SR_NOPL_2_001031100409_200113100409_2001 CCCC Abreter Kange Quality FLMN, The CCCG Kange and Backcoster Quality Flags have been set for one more records. C3. QFL_SR_NOPL_2_00103110049_200113100409_2001 CCCC Abreter Kange Quality FLMN, The CCCCG Kange and Backcoster Quality Flags have been set for one more records. C3. QFL_SR_NOPL_2_00103110049_20011310049_2001 CCCC Abreter Kange Quality FLMN, The CCCCG Kange and Backcoster Quality Flags have been set for one more records. C3. QFL_SR_NOPL_2_00103110049_2001031110049_2001 CCCC Abreter Kange SSH, SWH, The There SSH, SWH and Backcoster Quality Flags have been set for one more records. C3. QFL_SR_NOPL_2_0021031110049_200	CS_OFFL_SIR_NOPN_2_20210315T043512_20210315T043822_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFL_SR_NOPL_2.20210315100402_20210315100402_202103151005012_2001 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.20210315100407_202103151005012_2001 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.20210315100407_2001 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.20210315100407_2001 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.20210315100407_200100151005927_C001 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.20210315100407_200103151005927_C001 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.202103151005927_C001 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.202103151100542_200103151112300_0001 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.202103151112012_00103151112300_0001 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.202103151112012_001031 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.202103151112012_0010 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.202103151112012_0010 COCO Mander Range Quality PL2N Two recercls CS_OFL_SR_NOPL_2.202103151112012_0010 COCO Mander Range QUALITY TWN Two recercls CS_OFL_SR_NOPL_2.202103151112012_0010 COCO Mander Range QUALITY TWN Two recercls CS_OFL_SR_NOPL_2.202103151112012_0010 COCO Mander Range QUALITY TWN Two recercls CS_OFL_SR_NOPL_2.202103151114013_001 COCO Mander Range QUALITY TWN Two recercls CS_OFL_SR_NOPL_2.20210315114045_20210315114310.001	CS_OFFL_SIR_NOPN_2_20210315T052459_20210315T052717_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OCCO Backastar Gualty Incereords	CS_OFFL_SIR_NOPN_2_20210315T061301_20210315T061424_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Org. PFL_SIR_NOPN_2_20210315106483_00210315106484_0001 OCOG Backscatter Quality more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. The OCOG Range and Backscatter Quality Flags have been set for one more records. So OFFL_SIR_NOPN_2_20210315T106424_0210315T106420_0000 The OCOG Range and Backscatter Quality Flags have been set for one more records. So OFFL_SIR_NOPN_2_20210315T106424_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T112214_0210315T1121120_0001 The Backscatter Quality Flags have been set for one more records. So OFFL_SIR_NOPN_2_20210315T112014_02010315T11211200_0001 The Backscatter Quality Flags have been set for one more records. So OFFL_SIR_NOPN_2_20210315T112014_02010315T11211200_0001 The Backscatter Quality Flags have been set for one more records. So OFFL_SIR_NOPN_2_20210315T112014_0002 (D01 DOCOG Allmeter Range SMA, SWH, and Backscatter Quality Flags have been set for one more records. So OFFL_SIR_NOPN_2_20210315T114046_02010315T114313_0001 DOCOG Allmeter Range SMA, SWH, and Backscatter Quality Flags have been set for one more records. So OFFL_SIR_NOPN_2_20210315T1146405_02103	CS_OFFL_SIR_NOPN_2_20210315T063405_20210315T063535_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPK_2_20210315116400_202103151164540_2001 CCCG Backscatter Quality FIRM CS_OFFL_SIR_NOPK_2_20210315106426_202103151065540_2001 CCCG Backscatter Quality FIRM CCCG Atter Firage SFIR SFIR SFIR SFIR SFIR SFIR SFIR SFIR	CS_OFFL_SIR_NOPN_2_20210315T063633_20210315T063912_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Open Price Description DOCOG Backscatter Quality more records. CS_OFFL_SIR_NOPNL2_20210315T094251_20210315T094300_C001 Chean Attimeter Range Cast Marketer Range and Backscatter Quality Flags have been set for one rince records. The Occoan Attimeter Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SIR_NOPNL2_20210315T094251_20210315T094292_C001 OCCGA Attimeter Range Quality FLRM, The OCCOA Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SIR_NOPNL2_20210315T109424_20210315T109746_C001 OCCGA Attimeter Range Quality FLRM, The OCCOA Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SIR_NOPNL2_20210315T109424_20210315T112210_C001 OCCGA Attimeter Range Quality FLRM, OCCOA Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SIR_NOPNL2_20210315T112210_20210315T112200_C001 OCCGA Attimeter Range Quality FLRM, OCCOA Attimeter Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SIR_NOPNL2_20210315T112667_20210315T112131_C001 OCCGA Attimeter Range Quality FLRM, OCCOA Attimeter Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SIR_NOPNL2_20210315T114046_20210315T114313_C001 OCCGA Attimeter Range Quality FLRM, OCCOA Attimeter Range and Backscatter Quality Flags have been set for one rince records. CS_OFFL_SIR_NOPNL2_20210315T114046_20210315T14313_545_C001 OCCGA Attimeter Range Quality FLRM, OCCOA Attimeter Range and Backscatter Quality Flag	CS_OFFL_SIR_NOPN_2_20210315T084407_20210315T084534_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
GS_OFFL_SIR_NOPN_2_2021031571094251_2021031571094309_C001 and Backscatter Quality PLMN, OC00 Image Range and Backscatter Quality PLMN, OC00 GS_OFFL_SIR_NOPN_2_2021031571095821_2021031571095827_C001 OC00 Altmeter Range Quality PLMN, OC00 The OC00 Range and Backscatter Quality Flags have been set for one more records. GS_OFFL_SIR_NOPN_2_202103157100424_202103157100746_C001 OC00 Altmeter Range Quality PLMN, OC00 The OC00 Range and Backscatter Quality Flags have been set for one more records. GS_OFFL_SIR_NOPN_2_202103157112214_202103157112210_C001 Oc00 Raktmeter Range Quality PLMN, OC00 The OC00 Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_202103157112214_202103157112210_C001 Oc00 Raktmeter Range Quality PLMN, OC00 The OC00 Range and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_202103157112215_202103157113215_000 Oc00 Raktmeter Range Quality PLMN, OC00 The OC00 Range and Backscatter Quality Flags have been set for one rmce records. CS_OFFL_SIR_NOPN_2_202103157114046_202103157114313_C001 OC00 Altmeter Range Quality PLMN, OC00 The OC00 Range and Backscatter Quality Flags have been set for one rmce records. CS_OFFL_SIR_NOPN_2_202103157114046_202103157114315_C001 OC00 Altmeter Range Quality PLMN, OC00 The OC00 Range and Backscatter Quality Flags have been set for one rmce records. CS_OFFL_SIR_NOPN_2_202103157114416_202103157114410_C001 OC003 Altmeter Range Quality PLMN, OC00 T	CS_OFFL_SIR_NOPN_2_20210315T085406_20210315T085546_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
DS_OPEL_SIR_NOPN_2_202103151100624_20210315110046_C001 OCOG Backscatter Quality more records. CS_OPFL_SIR_NOPN_2_202103151100424_20210315110046_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one incre coords. CS_OFFL_SIR_NOPN_2_202103151112214_202103151112300_C001 Ocosa Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one incre coords. The OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one incre coords. CS_OFFL_SIR_NOPN_2_20210315111257_202103151112300_C001 Ocosa Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one incre coords. The OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one incre coords. CS_OFFL_SIR_NOPN_2_202103151114046_202103151114313_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one incre coords. CS_OFFL_SIR_NOPN_2_202103151143405_202103151145451_C0011 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one incre coords. CS_OFFL_SIR_NOPN_2_202103151144345_202103151144102_C0011 OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one incre coords. CS_OFFL_SIR_NOPN_2_2021031511614345_202103151142110_C0011 OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one incre coords.	CS_OFFL_SIR_NOPN_2_20210315T094251_20210315T094309_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_202103151100/42_02103151102/14_202103151112309_C001 OCCG Backscatter Quality Imore records. CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112209_C001 OCCG Admineter Range, SSHA, SWH and Backscatter Quality Flags have been data for one or more records. Imode cocG Admineter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 OCCG Admineter Range AdBackscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 OCCG Admineter Range Quality PLRM, OCCG Admineter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 OCCG Admineter Range Quality PLRM, OCCG Admineter Range AdBackscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T14406_20210315T144010_C001 OCCG Admineter Range Quality PLRM, OCCG Admineter Range Quality PLRM, OCCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T144305_20210315T14410_C001 OCCG Admineter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T144305_20210315T144502_C001 OCCG Backscatter Quality PLRM, OCCG Admineter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T144305_20210315T144502_C001 OCCG Backscatter Quality PLRM, OCCG Admineter Range, SSHA, SWH and Backscatter Quali	CS_OFFL_SIR_NOPN_2_20210315T095821_20210315T095927_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_0001 and Backscatter Quality PLRM The OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_0001 Decem Altimeter Range and Backscatter Quality PLRM The OCoe Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_0001 OCOG Altimeter Range Quality PLRM The OCoe Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T1144065_20210315T1144313_0001 OCOG Altimeter Range Quality PLRM The OCoe Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T134605_20210315T144110_0001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T144305_20210315T144410_0001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or	CS OFFL SIR NOPN 2 20210315T100424 20210315T100746 C001	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 And Backscatter Quality Plags And Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144110_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one more records. CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144502_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the COG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the COG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the COG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the COG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T15152111_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the COG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T15250_20210315T152610_C001 OCOG Altimeter Range, SSHA, SWH a		OCOG Backscatter Quality	
CS_OFFL_SIR_NOPN_2_202103151114046_202103151114045_202103151114046_202103151135451_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20210315T14950_20210315T145451_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_20210315T144365_20210315T144110_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_20210315T144345_20210315T144502_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T151949_20210315T152111_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 PLRM CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20210315T1610455_20210315T160405_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. <td></td> <td>Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM</td> <td>more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been</td>		Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20210315T144905_20210315T144110_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20210315T1443950_20210315T144110_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one imore records. CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144502_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The OCOG Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20210315T160155_20210315T160405_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The OCean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatte	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20210315T144395_20210315T144502_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144502_C001 Coean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T152010_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T15200_20210315T152610_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Ruteer Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T160405_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T161419_20210315T161424_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T161424_C001	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM,	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144502_C001 and Backscatter Quality PLRM, OCOG Interformage, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T151949_20210315T152111_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T160155_20210315T160405_C001 Ocean Altimeter Range Quality PLRM, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T160155_20210315T160405_C001 OCOG Altimeter Range Quality PLRM, OCOG The OCEan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T161419_20210315T161424_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG The OCEan Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backsca	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM,	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20210315T151949_20210315T152111_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T160155_20210315T160405_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T160155_20210315T161424_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T161419_20210315T161424_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T161419_20210315T161424_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T162162155_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T162162155_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20210315T160155_20210315T160405_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_20210315T161419_20210315T161424_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and backscatter Quality Flags and backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001 CS_OFFL_SIR_NOPN_2_20210315T143950_20210315T144110_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210315T160103_20210315T160405_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20210315T161419_20210315T161424_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags. CS_OFFL_SIR_NOPN_2_20210315T161419_20210315T161424_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags. CS_OFFL_SIR_NOPN_2_20210315T162155_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags.	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001 CS_OFFL_SIR_NOPN_2_20210315T144905_20210315T144110_C001 CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144502_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The 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. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210315T161419_20210315T161424_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags CS_OFFL_SIR_NOPN_2_20210315T162100_20210315T162155_C001 CS_OFFL_SIR_NOPN_2_20210315T162100_20210315T162155_C001 CS_OFFL_SIR_NOPN_2_20210315T162100_20210315T162155_C001 CS_OFFL_SIR_NOPN_2_20210315T162100_20210315T162155_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags CS_OFFL_SIR_NOPN_2_20210315T162100_20210315T162155_C001 CS_OFFL_SIR_NOPN_2_20210315T162100_20210315T162155_C001	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001 CS_OFFL_SIR_NOPN_2_20210315T143950_20210315T144110_C001 CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144110_C001 CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144502_C001 CS_OFFL_SIR_NOPN_2_20210315T151949_20210315T152111_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The 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. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality PLRM, OCOG	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001 CS_OFFL_SIR_NOPN_2_20210315T143950_20210315T144110_C001 CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144502_C001 CS_OFFL_SIR_NOPN_2_20210315T151949_20210315T152111_C001 CS_OFFL_SIR_NOPN_2_20210315T15250_20210315T152610_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Ocean Altimeter Range, and Backscatter Quality PLRM Ocean Altimeter Range, MBackscatter Quality PLRM Ocean Altimeter Range, NHA, SWH	more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Altimeter Range and Backscatter Quality set for one or more records.	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001 CS_OFFL_SIR_NOPN_2_20210315T143950_20210315T144110_C001 CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144502_C001 CS_OFFL_SIR_NOPN_2_20210315T151949_20210315T152111_C001 CS_OFFL_SIR_NOPN_2_20210315T152250_20210315T152610_C001 CS_OFFL_SIR_NOPN_2_20210315T160155_20210315T160405_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	 more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210315T162341_20210315T162435_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altime	CS_OFFL_SIR_NOPN_2_20210315T112214_20210315T112309_C001 CS_OFFL_SIR_NOPN_2_20210315T112557_20210315T112713_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T114046_20210315T114313_C001 CS_OFFL_SIR_NOPN_2_20210315T134905_20210315T135451_C001 CS_OFFL_SIR_NOPN_2_20210315T143950_20210315T144110_C001 CS_OFFL_SIR_NOPN_2_20210315T144345_20210315T144502_C001 CS_OFFL_SIR_NOPN_2_20210315T151949_20210315T152111_C001 CS_OFFL_SIR_NOPN_2_20210315T15250_20210315T152610_C001 CS_OFFL_SIR_NOPN_2_20210315T160155_20210315T160405_C001 CS_OFFL_SIR_NOPN_2_20210315T161419_20210315T161424_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG OCOG Altimeter Range Addity PLRM, OCOG OCOG Altimeter Range Quality PLRM, OCOG OCOG Altimeter Range Addity PLRM, OCOG OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality OCOG Altimeter Range, SSHA, SWH	 more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Ra

CS_OFFL_SIR_NOPN_2_20210315T164123_20210315T164233_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_20210315T173910_20210315T174256_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_20210315T174339_20210315T174414_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_20210315T175816_20210315T180402_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_20210315T185056_20210315T185333_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_20210315T191849_20210315T191948_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_20210315T193135_20210315T193205_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_20210315T193311_20210315T193332_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_20210315T202315_20210315T202507_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_20210315T212037_20210315T212418_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_20210315T220052_20210315T220417_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_20210315T220944_20210315T221101_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_20210315T222501_20210315T222516_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_20210315T223000_20210315T223020_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_20210315T223000_20210315T223020_C001 CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001		
	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM,	more records. The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM,	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 CS_OFFL_SIR_NOPN_2_20210315T234834_20210315T234957_C001	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 CS_OFFL_SIR_NOPN_2_20210315T234834_20210315T234957_C001 CS_OFFL_SIR_NOPR_2_20210315T012240_20210315T013029_C001	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM,	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 CS_OFFL_SIR_NOPN_2_20210315T234834_20210315T234957_C001 CS_OFFL_SIR_NOPR_2_20210315T012240_20210315T013029_C001 CS_OFFL_SIR_NOPR_2_20210315T013129_20210315T013346_C001	OCOG Backscatter Quality OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM,	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 CS_OFFL_SIR_NOPN_2_20210315T234834_20210315T234957_C001 CS_OFFL_SIR_NOPR_2_20210315T012240_20210315T013029_C001 CS_OFFL_SIR_NOPR_2_20210315T013129_20210315T013346_C001 CS_OFFL_SIR_NOPR_2_20210315T023720_20210315T023806_C001	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Backscatter Quality OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210315T023720_20210315T030712_C001 CS_OFFL_SIR_NOPR_2_20210315T013129_20210315T013029_C001 CS_OFFL_SIR_NOPR_2_20210315T013129_20210315T013346_C001	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Backscatter Quality OCOG Backscatter Quality OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM Ocean Altimeter Range, and Backscatter Quality PLRM Ocean Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM,	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20210315T023720_20210315T03386_C001 CS_OFFL_SIR_NOPR_2_20210315T031323_20210315T03338_C001	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Backscatter Quality PLRM OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Occean Altimeter Range, SSHA, SWH and Backscatter Quality Occean Altimeter Range, SSHA, SWH	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 CS_OFFL_SIR_NOPN_2_20210315T234834_20210315T234957_C001 CS_OFFL_SIR_NOPR_2_20210315T012240_20210315T013029_C001 CS_OFFL_SIR_NOPR_2_20210315T013129_20210315T013346_C001 CS_OFFL_SIR_NOPR_2_20210315T023720_20210315T023806_C001 CS_OFFL_SIR_NOPR_2_20210315T023720_20210315T030712_C001 CS_OFFL_SIR_NOPR_2_20210315T031323_20210315T031338_C001 CS_OFFL_SIR_NOPR_2_20210315T0315714_20210315T035944_C001	 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality 	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 CS_OFFL_SIR_NOPN_2_20210315T234834_20210315T234957_C001 CS_OFFL_SIR_NOPR_2_20210315T012240_20210315T013029_C001 CS_OFFL_SIR_NOPR_2_20210315T013129_20210315T013029_C001 CS_OFFL_SIR_NOPR_2_20210315T013129_20210315T013346_C001 CS_OFFL_SIR_NOPR_2_20210315T023720_20210315T023806_C001 CS_OFFL_SIR_NOPR_2_20210315T030147_20210315T030712_C001 CS_OFFL_SIR_NOPR_2_20210315T031323_20210315T031338_C001 CS_OFFL_SIR_NOPR_2_20210315T035714_20210315T035944_C001 CS_OFFL_SIR_NOPR_2_20210315T040144_C001	 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range Auguity PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range Auguity PLRM, OCOG Altimeter Range and Backscatter Quality PLRM 	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCCG Range and Backscatter Quality Flags have been set for one or more records. The OCCG Range and Backscatter Quality Flags have been set for one or more records. The OCCG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210315T225933_20210315T230205_C001 CS_OFFL_SIR_NOPN_2_20210315T234834_20210315T234957_C001 CS_OFFL_SIR_NOPR_2_20210315T012240_20210315T013029_C001 CS_OFFL_SIR_NOPR_2_20210315T013129_20210315T013029_C001 CS_OFFL_SIR_NOPR_2_20210315T013129_20210315T013346_C001 CS_OFFL_SIR_NOPR_2_20210315T023720_20210315T023806_C001 CS_OFFL_SIR_NOPR_2_20210315T030147_20210315T030712_C001 CS_OFFL_SIR_NOPR_2_20210315T031323_20210315T031338_C001 CS_OFFL_SIR_NOPR_2_20210315T035714_20210315T035944_C001 CS_OFFL_SIR_NOPR_2_20210315T040144_C001 CS_OFFL_SIR_NOPR_2_20210315T040144_C001 CS_OFFL_SIR_NOPR_2_20210315T043134_C001	 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, 	more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG 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. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_NOPR_2_20210315T050125_20210315T050941_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_20210315T060519_20210315T060615_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_20210315T061912_20210315T062420_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_20210315T062456_20210315T062638_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_20210315T080504_20210315T080715_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_20210315T094620_20210315T094805_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_20210315T095203_20210315T095350_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_20210315T101430_20210315T101720_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_20210315T124923_20210315T125142_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_20210315T134117_20210315T134435_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_20210315T135452_20210315T135545_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_20210315T142617_20210315T142953_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_20210315T150223_20210315T150408_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_20210315T152112_20210315T152250_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_20210315T155032_20210315T155232_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_20210315T161425_20210315T161532_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_20210315T162156_20210315T162341_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_20210315T162436_20210315T162633_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_20210315T181237_20210315T181319_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_20210315T184028_20210315T184141_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_20210315T192913_20210315T193135_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_20210315T193206_20210315T193311_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_20210315T210719_20210315T210910_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_20210315T211052_20210315T212036_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_20210315T223755_20210315T224131_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_20210315T224410_20210315T224702_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

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

167

59

127

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

Number of products with errors:

5.7 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20Hz)

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

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

20

1568

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	168	168	2	166	0
SIR_NOPR1B	106	106	0	106	0
SIR_NOPN1B	94	94	1	93	0
SIR_NOPM_2	168	168	116	48	4
SIR_NOPR_2	106	106	36	65	5
SIR_NOPN_2	94	94	36	56	2

7.1 QCC Errors

Number of QCC reports with errors:

	Total number of occurrences of each error										
Product Type	EOVSNCDF	MPHSVSNCDF	RLOBOPNCDF	RL	RL	RLOBOPNCDF	RL	RL	-	-	-
SIR_NOPM_2	4	4	0	0	0	0	0	0			
SIR_NOPN_2	2	2	0	0	0	0	0	0			
SIR_NOPR_2	2	2	3	2	3	3	2	3			

Test Description Key:

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Abbreviation	Test name	Details			
EOVSNCDF	EnumOrbitVectorSourceNetCDF	Orbit vector source should match one of the allowed enumeration values - NetCDF			
MPHSVSNCDF	MPH_State_Vector_Source_NetCDF	State_Vector_Source mismatch			
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7 - NetCDF			
RL	RangeLatitude_6	Latitude should be between -90E6 and 90E6			
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7			
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7 - NetCDF			
RL	RangeLongitude_6	Longitude should be between -180E6 and 180E6			
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7			

7.2 QCC Warnings

Number of QCC reports with warnings

	Total number of occurrences of each warning							
Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD	
SIR_NOPM1B	166	0	0	0	0	0	0	
SIR_NOPM_2	0	0	43	40	0	38	0	
SIR_NOPN1B	90	0	0	0	0	0	0	
SIR_NOPN_2	0	0	7	28	5	21	26	
SIR_NOPR1B	103	0	0	0	0	0	0	
SIR_NOPR_2	0	3	24	33	0	30	22	

Product Type	RBSZOPOEPNCDF	RDTCONCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCE	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	33	0	0	35	0	0	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	15	1	0	0	0	19	0
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	12	0	2	0	33	0	43
Product Type	RPEPOPFDSINNCDF	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	0	28	0	0	7	28	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	30	0	0	26	12	36	48
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	0	0	34	0	6	50	27
Product Type	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	3	38	0	4	0	0	0
SIR_NOPN1B	0	0	0	0	1	0	41
SIR_NOPN_2	26	24	26	13	0	0	0
SIR_NOPR1B	0	0	0	0	0	0	106
SIR_NOPR_2	8	26	36	4	0	8	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	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				
RDTCONCDF	RangeDryTroposphericCorrectionOceanNetCDF	The Dry tropospheric correction should be between -2500mm and -1900mm (or missing) for surface type = ocean - NetCDF				
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean				
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSAR	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
	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	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSWHOEPFDPLRMNC	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_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				

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Number of products with missing QCC reports:

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