

QA4EO Daily Report for NOP data:

<u>17/02/2020</u>

		1. Overview	
		Check	L1 & L2
port Production:	18-Feb-2020	Server check: science-pds.cryosat.esa.int	Nominal
rocessor Used:	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal
ocessor osea.		Product Software Check	Nominal
Data Used:	Near Real Time Ocean Products (NOP)	Product Format Check	Nominal
	L1B & L2 Science Data	Product Header Analysis	Nominal
		Auxiliary Data File Usage Check	Nominal
		Auxiliary Correction Error Check	See Section 5.4
		Measurement Confidence Data Check Measurement Quality Flag Check	See Section 4.5, 4.6 and 5.5 See Section 5.6
		Ocean Retracking Quality Check	See Section 5.7
Feb-2020 None Feb-2020 None	8ws		
-Feb-2020 Nothing	planned		
		2. Global Coverage	
			Mode Coverage LRM SAR 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

4. NOP Level 1B Data Quality Check

4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL). Number of products with errors: 0

-or all products, a series of pre-defined checks are performed on the MPH an	d SPH in order to identify any inco	nsistencies and/or errors raised by the ground-segment processing chain.
1B Processing Quality HR: The l1b_proc_flag_hr flag is currently set all L1 DSARIn chains. A modification is required in the next release.	B IOPR and IOPN products becau	se the I1b_processing_quality_hr field is not correctly configured in the OSAR and
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 pr	e-determined baseline and also to	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	not available in time for processing. This known and expected behaviour.
Number of products with errors: 0		
I.4 L1B Auxiliary Correction Error Check		
CryoSat L1B data includes a correction error flag for each measurement reco	rd. The bit value of this flag indicat	es 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 measure	ment record. The bit value of this f	lag indicates any problems when set.
Attitude Correction Missing: This flag is currently set in error for NOPR pr		
Number of products with errors: 1		
Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20200217T120738_20200217T121533_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more
5_611 E_611(_10111015_202002111120106_202002111121000_0001	Ũ	records
I.6 L1B Waveform Group Data Check CryoSat L1B data includes a waveform data flag for each measurement record		
 I.6 L1B Waveform Group Data Check 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 		
4.6 L1B Waveform Group Data Check 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 sumber of products with errors: 13 Product	is to be expected.	es any problems when set. Description
4.6 L1B Waveform Group Data Check 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: 13 Product 25_OFFL_SIR_NOPM1B_20200217T111306_20200217T112230_C001	is to be expected. Test Failed Loss of Echo	es any problems when set. Description The tracking echo is missing for one or more records
4.6 L1B Waveform Group Data Check 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: 13 Product 25_OFFL_SIR_NOPM1B_20200217T111306_20200217T112230_C001 CS_OFFL_SIR_NOPM1B_20200217T120738_20200217T121533_C001	is to be expected. Test Failed Loss of Echo Loss of Echo	es any problems when set. Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records
4.6 L1B Waveform Group Data Check 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: 13 Product CS_OFFL_SIR_NOPM1B_20200217T1120738_20200217T112233_C001 CS_OFFL_SIR_NOPM1B_20200217T121657_20200217T122155_C001	Test Failed Loss of Echo Loss of Echo Loss of Echo	es any problems when set. Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
4.6 L1B Waveform Group Data Check 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: 13 Product CS_OFFL_SIR_NOPM1B_20200217T111306_20200217T112230_C001 CS_OFFL_SIR_NOPM1B_20200217T120738_20200217T121533_C001 CS_OFFL_SIR_NOPM1B_20200217T121657_20200217T122155_C001 CS_OFFL_SIR_NOPM1B_20200217T1064253_20200217T1064340_C001	Test Failed Loss of Echo	Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
4.6 L1B Waveform Group Data Check 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 > humber of products with errors: 13 > Product CS_OFFL_SIR_NOPM1B_20200217T111306_20200217T112233_C001 CS_OFFL_SIR_NOPM1B_20200217T121657_20200217T122155_C001 CS_OFFL_SIR_NOPM1B_20200217T1064253_20200217T102455_C001 CS_OFFL_SIR_NOPN1B_20200217T064253_20200217T064340_C001 CS_OFFL_SIR_NOPN1B_20200217T090939_20200217T091516_C001	Test Failed Loss of Echo	Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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B.6 L1B Waveform Group Data Check 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 Lumber of products with errors: 13 Product 13 SOFFL_SIR_NOPM1B_20200217T111306_20200217T112230_C001 25 SS_OFFL_SIR_NOPM1B_20200217T121657_20200217T121533_C001 25 SS_OFFL_SIR_NOPM1B_20200217T121657_20200217T1064340_C001 25 SOFFL_SIR_NOPN1B_20200217T064253_20200217T064340_C001 25 SOFFL_SIR_NOPN1B_20200217T10028_20200217T10534_C001 25 SOFFL_SIR_NOPN1B_20200217T13936_20200217T113444_C001 25 SOFFL_SIR_NOPN1B_20200217T131851_20200217T132443_C001 25 SOFFL_SIR_NOPN1B_20200217T103909_20200217T104353_C001 25 SOFFL_SIR_NOPN1B_20200217T1132443_C001 25	Test Failed Loss of Echo Loss of Echo	es any problems when set. Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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A.6 L1B Waveform Group Data Check CryoSat L1B data includes a waveform data flag for each measurement recompleters of Echo Flag: This flag is currently set for products over land, but this stumber of products with errors: 13 Product CS_OFFL_SIR_NOPM1B_20200217T111306_20200217T112230_C001 CS_OFFL_SIR_NOPM1B_20200217T121657_20200217T121533_C001 CS_OFFL_SIR_NOPM1B_20200217T121657_20200217T1064340_C001 CS_OFFL_SIR_NOPM1B_20200217T1064253_20200217T064340_C001 CS_OFFL_SIR_NOPN1B_20200217T100028_20200217T109534_C001 CS_OFFL_SIR_NOPN1B_20200217T113851_20200217T114044_C001 CS_OFFL_SIR_NOPN1B_20200217T103909_20200217T104353_C001 CS_OFFL_SIR_NOPN1B_20200217T113851_20200217T104353_C001 CS_OFFL_SIR_NOPN1B_20200217T113251_20200217T104353_C001 CS_OFFL_SIR_NOPN1B_20200217T114250_20200217T104353_C001 CS_OFFL_SIR_NOPN1B_20200217T113251_20200217T104353_C001 CS_OFFL_SIR_NOPR1B_20200217T114250_20200217T114272_C001 CS_OFFL_SIR_NOPR1B_20200217T1222657_20200217T123312_C001 CS_OFFL_SIR_NOPR1B_20200217T23032_20200217T230413_C001	Test Failed Loss of Echo Loss of Echo	Description The tracking echo is missing for one or more records
4.6 L1B Waveform Group Data Check 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: 13 Product 13 CS_OFFL_SIR_NOPM1B_20200217T111306_20200217T112230_C001 CS_OFFL_SIR_NOPM1B_20200217T121657_20200217T121533_C001 CS_OFFL_SIR_NOPM1B_20200217T121657_20200217T102155_C001 CS_OFFL_SIR_NOPM1B_20200217T1064253_20200217T091516_C001 CS_OFFL_SIR_NOPN1B_20200217T100028_20200217T091516_C001 CS_OFFL_SIR_NOPN1B_20200217T100028_20200217T100534_C001 CS_OFFL_SIR_NOPN1B_20200217T130936_20200217T140444_C001 CS_OFFL_SIR_NOPN1B_20200217T131851_20200217T132443_C001 CS_OFFL_SIR_NOPR1B_20200217T103909_20200217T14453_C001 CS_OFFL_SIR_NOPR1B_20200217T1222657_20200217T14453_C001 CS_OFFL_SIR_NOPR1B_20200217T23032_20200217T23312_C001 CS_OFFL_SIR_NOPR1B_20200217T230032_20200217T230413_C001	Test Failed Loss of Echo Loss of Echo	es any problems when set. Description The tracking echo is missing for one or more records
4.6 L1B Waveform Group Data Check 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: 13 Product 13 CS_OFFL_SIR_NOPM1B_20200217T111306_20200217T112230_C001 CS_OFFL_SIR_NOPM1B_20200217T121657_20200217T121533_C001 CS_OFFL_SIR_NOPM1B_20200217T121657_20200217T102155_C001 CS_OFFL_SIR_NOPM1B_20200217T1064253_20200217T091516_C001 CS_OFFL_SIR_NOPN1B_20200217T100028_20200217T091516_C001 CS_OFFL_SIR_NOPN1B_20200217T100028_20200217T100534_C001 CS_OFFL_SIR_NOPN1B_20200217T13305_20200217T140444_C001 CS_OFFL_SIR_NOPN1B_20200217T1131851_20200217T132443_C001 CS_OFFL_SIR_NOPN1B_20200217T103909_20200217T104353_C001 CS_OFFL_SIR_NOPR1B_20200217T103909_20200217T114727_C001 CS_OFFL_SIR_NOPR1B_20200217T230032_20200217T230413_C001 CS_OFFL_SIR_NOPR1B_20200217T230032_20200217T230413_C001	Test Failed Loss of Echo Loss of Echo	es any problems when set. Description The tracking echo is missing for one or more records

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

> ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric 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.

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20200216T235920_20200217T000132_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

CS_0FFL_SIR_NOPN_2_20200217T004532_20200217T004751_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or
	Mean Sea Surface (1), Mean Dynamic	more records There is an error with the MSS height (solution 1) and the Mean Dynamic There is the back to be the set of t
CS_OFFL_SIR_NOPN_2_20200217T013603_20200217T013955_C001	Topography (1) Mean Sea 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
CS_OFFL_SIR_NOFN_2_202002171013003_202002171013935_C001	Topography (1) Mean Dynamic Topography (1)	Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or
	Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic	more records There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_NOPN_2_20200217T055140_20200217T055456_C001	Topography (1) Mean Sea 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
CS_OFFL_SIR_NOPN_2_20200217T072412_20200217T072527_C001	Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean	Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T073036_20200217T073349_C001	Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records
CS_OFFL_SIR_NOPN_2_20200217T090508_20200217T090744_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T090939_20200217T091516_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T100028_20200217T100534_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T104353_20200217T104646_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T113936_20200217T114044_C001	Mean Sea Surface (1), Mean Dynamic	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 20200217T122236 20200217T122246 C001	Topography (1) Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_NOPN_2_20200217T131851_20200217T132443_C001	Topography (1) Mean Dynamic Topography (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
CS_OFFL_SIR_NOPN_2_20200217T141134_20200217T141402_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T154121_20200217T154249_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20200217T164104_20200217T164503_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20200217T172117_20200217T172445_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20200217T190026_20200217T190347_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T195039_20200217T195236_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T204800_20200217T204909_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T222500_20200217T222657_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20200217T230838_20200217T231054_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_20200217T000133_20200217T000826_C001	Mean Sea Surface (1), Mean Dynamic	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 20200217T013955 20200217T014507 C001	Topography (1) Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic
	Topography (1) Mean Dynamic Topography (1)	Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or
CS OFFL SIR NOPR 2 20200217T051238 20200217T051435 C001		more records There is an error with the Mean Dynamic Topography height for one or
	Mean Dynamic Topography (1)	more records
CS_OFFL_SIR_NOPR_2_20200217T103909_20200217T104353_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or
CS_OFFL_SIR_NOPR_2_20200217T113255_20200217T113541_C001	Mean Dynamic Topography (1)	more records
CS_OFFL_SIR_NOPR_2_20200217T114841_20200217T115037_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPR_2_20200217T145408_20200217T145905_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_0FFL_SIR_NOPR_2_20200217T163102_20200217T164104_C001	Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic
CS OFFL SIR NOPR 2 20200217T180452 20200217T180748 C001	Topography (1) Mean Dynamic Topography (1)	Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or
CS_OFFL_SIR_NOPR_2_20200217T181110_20200217T181956_C001	Mean Sea Surface (1), Mean Dynamic	more records There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_NOPR_2_20200217T195237_20200217T200022_C001	Topography (1) Mean Sea 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 20200217T213140 20200217T213854 C001	Topography (1) Mean Sea 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
00_0FFE_0IN_NOFN_2202002171210140_202002171210094_0001	Topography (1)	Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20200217T224623_20200217T224837_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPR_2_20200217T231055_20200217T231740_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.
Number of products with errors:
1

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20200217T120738_20200217T121533_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

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

74

Number of products with errors:

GS_OFFL_SIR_NOPM_2_20200217T003024_20200217T004526_C001 Ocean Altimeter Range and Backscatter Quality COCG Altimeter Range and Backscatter Quality COCG The Ocean Altimeter Range and Backscatter Quality Flags have been and for one or more records. GS_OFFL_SIR_NOPM_2_20200217T004751_20200217T005239_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been store or more records. GS_OFFL_SIR_NOPM_2_20200217T005319_20200217T005429_C001 OCCG Altimeter Range Quality, OCCG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been store or more records. GS_OFFL_SIR_NOPM_2_20200217T005853_20200217T012258_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or more records. GS_OFFL_SIR_NOPM_2_20200217T012305_20200217T01324_C001 Ocean Altimeter Range, SSHA, SWH Altimeter Range and Backscatter Quality Flags have been store or more records. GS_OFFL_SIR_NOPM_2_20200217T012305_20200217T013324_C001 Ocean Altimeter Range, SSHA, SWH Altimeter Range and Backscatter Quality Flags have been store or more records. GS_OFFL_SIR_NOPM_2_20200217T032815_20200217T033344_C001 OCOG Altimeter Range, SSHA, SWH Altimeter Range and Backscatter Quality Flags have been store or more records. GS_OFFL_SIR_NOPM_2_20200217T040611_20200217T04442_C001 Ocean Altimeter Range, SSHA, SWH Altimeter Range and Backscatter Quality, Flags have been store or more records. GS_OFFL_SIR_NOPM_2_20200217T040611_20200217T044442_C001 Oce
CS_OFFL_SIR_NOPM_2_20200217T005319_20200217T005429_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPM_2_20200217T005853_20200217T012258_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T012305_20200217T012258_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T012305_20200217T013324_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T012305_20200217T013324_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T033846_C001 OCCOG Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or or more records. CS_OFFL_SIR_NOPM_2_20200217T033836_20200217T040442_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T040611_20200217T041108_C001 OCCOG Altimeter Range Quality, OCCOG Altimeter Range and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T041115_20200217T041443_C001 OCCOG Altimeter Range Quality, OCCOG Altimeter Range and Backscatter Quality Flags have been store or more records. <
CS_OFFL_SIR_NOPM_2_20200217T003383_20200217T012258_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPM_2_20200217T005853_20200217T012258_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beat for one or more records. CS_OFFL_SIR_NOPM_2_20200217T012305_20200217T012305_20200217T013324_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beat for one or more records. CS_OFFL_SIR_NOPM_2_20200217T012305_20200217T013324_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have beat and the OCOG Altimeter Range and Backscatter Quality Flags have beat set for one or more records. CS_OFFL_SIR_NOPM_2_20200217T032815_20200217T033344_C001 OCCGA Altimeter Range Quality, OCOG Backscatter Quality Flags have beat set for one or more records. CS_OFFL_SIR_NOPM_2_20200217T033836_20200217T040442_C001 OCOGA Altimeter Range Quality, OCOG Backscatter Quality Flags have beat set for one or more records. CS_OFFL_SIR_NOPM_2_20200217T040611_20200217T040442_C001 Ocean Altimeter Range Quality, OCOG Backscatter Quality Flags have beat set for one or more records. CS_OFFL_SIR_NOPM_2_20200217T041118_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have beat set for one or more records. CS_OFFL_SIR_NOPM_2_20200217T041115_20200217T0411443_C001 OCOGA Altimeter Range Quality, OCOG Backscatter Quality Flags have beat set for one or more records. CS_OFFL_SIR_NOPM_2_20200217T0411752_20200217T0414443_C001 OCOGA Altimeter Range Quality, OCOG Backscatte
CS_OFFL_SIR_NOPM_2_20200217T005863_20200217T012256_C001 and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T032815_20200217T033344_C001 OCGG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Backscatter Quality, OCOG Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T040611_20200217T041108_C001 OCGG Altimeter Range Quality, OCOG Backscatter Quality The OCGG Altimeter Range and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T041115_20200217T041443_C001 OCCG Altimeter Range Quality, OCOG Backscatter Quality The OCGG Altimeter Range and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_NOPM_2_20200217T041115_20200217T041443_C001 OCCG Altimeter Range Quality, OCOG Backscatter Quality The OCCGG Altimeter Range and Backscatter Quality Flags have bee
CS_OFFL_SIR_NOPM_2_20200217T012305_20200217T013324_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_20200217T032815_20200217T033344_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records. CS_OFFL_SIR_NOPM_2_20200217T032815_20200217T033836_20200217T040442_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records. CS_OFFL_SIR_NOPM_2_20200217T040611_20200217T041042_C001 Ocean Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records. CS_OFFL_SIR_NOPM_2_20200217T040611_20200217T041108_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records. CS_OFFL_SIR_NOPM_2_20200217T041115_20200217T0411443_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records. CS_OFFL_SIR_NOPM_2_20200217T0417052_0200217T045245_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records.
CS_OFFL_SIR_NOPM_2_202002171032815_2020021771033344_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPM_2_2020021771032815_2020021771040442_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2020021771040611_2020021771041108_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_2020021771041115_20200217710411443_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_2020021771041115_2020021771041443_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_2020021771041115_2020021771041443_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_202002177041752_202002177045245_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_202002177041752_202002177045245_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T033836_20200217T040442_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_20200217T040611_20200217T041108_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_20200217T041115_20200217T041143_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_20200217T041115_20200217T041443_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_20200217T0411752_20200217T041745245_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20200217T041752_20200217T045245_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20200217T052447_20200217T052503_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_202002177041040611_202002177041106_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPM_2_202002177041115_202002177041443_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range, and Backscatter Quality Flags have been s for one or more records. CS_OFFL_SIR_NOPM_2_202002177041752_202002177041752_202002177045245_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, 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 Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatt
CS_OFFL_SIR_NOPM_2_202002177041115_202002177041443_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPM_2_202002177041752_202002177045245_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 set for one or more records. CS_OFFL_SIR_NOPM_2_202002177041752_202002177052503_C001 OCOG Altimeter Range Quality. OCOG The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T041752_20200217T045245_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records. OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set
Backscatter Quality for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T053758_20200217T053919_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T054119_20200217T054427_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and backscatter Quality. OCOG Altimeter Range and Backscatter Quality set for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T054609_20200217T055139_C001 CCOG Altimeter Range Quality, OCOG Backscatter Quality CCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T055706_20200217T063101_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flag and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T064440_20200217T064559_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flag and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T070402_20200217T072319_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T072527_20200217T073035_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T073552_20200217T081021_C001 CS_OFFL_SIR_NOPM_2_20200217T073552_20200217T081021_C001 Altimeter Range and Backscatter Quality, 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. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range. SHA, SWH and
CS_OFFL_SIR_NOPM_2_20200217T083530_20200217T083956_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records. The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T084032_20200217T085810_C001 Altimeter Range and Backscatter Quality, 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 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 Altimete
CS_OFFL_SIR_NOPM_2_20200217T090115_20200217T090151_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records.
CS_OFFL_SIR_NOPM_2_20200217T091626_20200217T093008_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records.

CS_OFFL_SIR_NOPM_2_20200217T093129_20200217T093358_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_20200217T093840_20200217T094601_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_20200217T100550_20200217T102314_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_20200217T102457_20200217T103909_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_20200217T104646_20200217T104849_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_20200217T105528_20200217T111008_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_20200217T111306_20200217T112230_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_20200217T112803_20200217T112813_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_20200217T115037_20200217T120157_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_20200217T120738_20200217T121533_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_20200217T121657_20200217T122155_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_20200217T122446_20200217T123253_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_20200217T123444_20200217T125035_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_20200217T132703_20200217T140101_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_20200217T140608_20200217T141134_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_20200217T141402_20200217T143921_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_20200217T144148_20200217T144155_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_20200217T151242_20200217T153940_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_20200217T154537_20200217T155137_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_20200217T155300_20200217T162108_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_20200217T162943_20200217T163102_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_20200217T164503_20200217T171853_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_20200217T172446_20200217T173014_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_20200217T173143_20200217T173803_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_20200217T180903_20200217T181110_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_20200217T182427_20200217T183522_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_20200217T183535_20200217T185831_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_20200217T190347_20200217T190901_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_20200217T191034_20200217T193039_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_20200217T200233_20200217T203625_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_20200217T204954_20200217T205438_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_20200217T205448_20200217T212620_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_20200217T214055_20200217T214058_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_20200217T214101_20200217T214111_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_20200217T214611_20200217T215327_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_20200217T220230_20200217T221551_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_20200217T221729_20200217T222246_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_20200217T223312_20200217T224623_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_20200217T224837_20200217T230031_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_20200217T232803_20200217T233828_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_20200217T234007_20200217T235506_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_20200217T235654_20200218T000156_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_20200217T005257_20200217T005303_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_20200217T173014_20200217T173131_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_20200217T005239_20200217T005245_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_20200217T053504_20200217T053758_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_20200217T093008_20200217T093117_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_20200217T103909_20200217T104353_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_20200217T114250_20200217T114727_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_20200217T203626_20200217T203733_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_20200217T222259_20200217T222304_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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

Number of products with errors: 67		
Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20200216T235920_20200217T000132_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_20200217T005429_20200217T005707_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_20200217T013603_20200217T013955_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_20200217T014508_20200217T014542_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_20200217T015710_20200217T020011_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_20200217T041443_20200217T041621_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_20200217T045245_20200217T045403_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_20200217T050327_20200217T050350_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_20200217T055140_20200217T055456_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_20200217T070158_20200217T070402_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_20200217T072412_20200217T072527_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_20200217T090508_20200217T090744_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_20200217T090939_20200217T091516_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_20200217T104353_20200217T104646_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_20200217T105351_20200217T105528_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_20200217T112230_20200217T112358_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_20200217T120157_20200217T120738_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_20200217T121533_20200217T121657_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_20200217T122236_20200217T122446_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_20200217T125953_20200217T130304_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_20200217T131851_20200217T132443_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_20200217T140142_20200217T140329_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_20200217T140535_20200217T140608_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_20200217T143921_20200217T144018_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_20200217T144156_20200217T144312_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

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Big UP - Big UP	CS_OFFL_SIR_NOPN_2_20200217T173014_20200217T173131_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB, DARL, JARD, VA, 20002177168281, 20002177168281, 2000 Intel the SCH Allowand Program Control Program Contro Program Control Program Control Program Control Program	CS_OFFL_SIR_NOPN_2_20200217T181957_20200217T182205_C001		
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C3_OFL_SR_NOPK_2_3000217710000F_000071710000F_000071710000F_000071710000F_0000717100007_00000717100007_00000717100007_00000717100007_00000717100007_00000717100007_00000717100007_00000717100007_00000717100007_00000717100007_0000717100007_00001	CS_OFFL_SIR_NOPN_2_20200217T193039_20200217T193407_C001		
C2: OFTL_SR, NOPK_2.2020217720400_2020217720400_00001 Imit Backeteller Quality FLML OCD Market Street on more incode. C3: OFTL_SR, NOPK_2.2020217722400_2020217722400_000017722401_0001 OCDS Backeteller Quality FLML OCDS Market Street on more incode. C4: OFTL_SR, NOPK_2.2020217722400_2020217722400_00001 OCDS Backeteller Quality FLML OCDS Market Street on more incode. C5: OFTL_SR, NOPK_2.2020217722400_2020217722400_0001 OCDS Backeteller Quality FLML OCDS Market Street on more incode. C5: OFTL_SR, NOPK_2.2020217722400_0001 OCDS Backeteller Quality FLML OCDS Market Street on more incode. C6: OFTL_SR, NOPK_2.2020217722400_0001 OCDS Backeteller Quality FLML OCDS Market Range SDAL SMM Market Range SDAL SMM Mar	CS_OFFL_SIR_NOPN_2_20200217T195039_20200217T195236_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS, DFL, SIR, NORE, 2, 2000217122035, 2000217123054, C001 COCO Bassader Quality FIRM, COCO, Anthere Range, SIR, NORE, 2, 2000217123053, 2000217123054, C001 The Cocon Attender Range, SIRA, SWI and Backacater Quality FIRM, COCO Attender Range, and Backacater Quality FIRM, COCO, Attender Range, AURILY, PLAN, SWI, and Backacater Quality FIRM, COCO Attender Range, AURILY, PLAN, SWI, and Backacater Quality FIRM, COCO Attender Range, AURILY, PLAN, SWI, and Backacater Quality FIRM, COCO Attender Range, AURILY, PLAN, SWI, and Backacater Quality FIRM, COCO Attender Range, AURILY, PLAN, SWI, and Backacater Quality FIRM, CRI, DFFL, SIRN, NORE, 2, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171050542, 20002171051528, 200022171051528, 200022171051528, 20002171051528, 20002171051528, 2000	CS_OFFL_SIR_NOPN_2_20200217T204800_20200217T204909_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20200217723245_20200217723245_0000 and Boossattin Quality PLM. OCO http://www.com.new.com.new.com.com.com.com.com.com.com.com.com.com	CS_OFFL_SIR_NOPN_2_20200217T222500_20200217T222657_C001		
Corpert, Ser, NOPR 2, 2020217700133, 20202177000392, C001 OCCOR Batescater Quality PENN, C002 The Ocean Attracter Range, SSHA, SWH CS, OFFL, SIR, NOPR 2, 2020217700133, 20202177000392, C001 OCCOR Attracter Range, SSHA, SWH The Ocean Attracter Range, SSHA, SWH CS, OFFL, SIR, NOPR 2, 20202177013355, 20202177014507, C001 OCCOR Attracter Range, SSHA, SWH The OCCOR Attracter Range, SSHA, SWH CS, OFFL, SIR, NOPR 2, 20202177013555, 20202177014507, C001 Occean Attracter Range, SSHA, SWH The OCCOR Attracter Range and Backscatter Quality Flags have been set for one or more records. CS, OFFL, SIR, NOPR 2, 20202177014507, C001 Occean Attracter Range, SSHA, SWH The OCCOR Attracter Range and Backscatter Quality Flags have been set for one or more records. CS, OFFL, SIR, NOPR 2, 2020217705251, 20200177056832, C001 OCCOR Attracter Range Quality PLINA, C000 The OCCOR Attracter Range and Backscatter Quality Flags have been set for one or more records. CS, OFFL, SIR, NOPR 2, 202002177056432, 202002177056432, C001 OCCOR Attracter Range Quality PLINA, Toto OCCOR Range and Backscatter Quality Flags have been set for one or more records. CS, OFFL, SIR, NOPR 2, 202002177056432, C001 OCCOR Attracter Range Quality PLINA, Toto OCCOR Range and Backscatter Quality Flags have been set for one or more records. CS, OFFL, SIR, NOPR 2, 202002177056432, C0001 OCCOR Attracter Range Quality PLINA, Toto OCCOR Range and Backscatter Quality Flags have been set for one or more records. <	CS_OFFL_SIR_NOPN_2_20200217T230838_20200217T231054_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OFFL_SIR_NORR_2_2020217T00133_20200217T00083_0001 and Backsatter Qualty PLRM_COOG mathematic Range Qualty PLRM_COOG CB_OFFL_SIR_NORR_2_2020217T00208_202017T003028_0001 CCCO Altimeter Range Qualty PLRM_COOG mathematic Range Qualty PLRM_COOG CB_OFFL_SIR_NORR_2_2020217T01385_20200217T014507_C001 CCCO Altimeter Range Qualty PLRM_COOG mathematic Range Qualty PLRM_COOG CB_OFFL_SIR_NORR_2_2020217T01385_20200217T014507_C001 CCCO Altimeter Range Qualty PLRM_COOG The Occord Range and Backsatter Qualty Flags have been set for one or more records. CB_OFFL_SIR_NORR_2_20200217T00541_20200217T00542_0200017T00285_C001 CCCO Altimeter Range Qualty PLRM_COOG Altimeter Range SNM_SVM and Backsatter Qualty Flags have been set for one or more records. CB_OFFL_SIR_NORR_2_20200217T00542_0200017T002852_C001 CCCO Altimeter Range Qualty PLRM_COOG Backsatter Qualty Flags have been set for one or more records. CB_OFFL_SIR_NORR_2_20200217T00542_0200017T005452_C001 CCCO Altimeter Range Qualty PLRM_COCG Backsatter Qualty Flags have been set for one or more records. CB_OFFL_SIR_NORR_2_20200217T00542_0200017T005454_C001 CCCO Altimeter Range Qualty PLRM_COCG Backsatter Qualty Flags have been set for one or more records. CB_OFFL_SIR_NORR_2_20200217T00544_0200017T005454_C001 CCCO Altimeter Range Qualty PLRM_COCG Backsatter Qualty Flags have been set for one or more records. CB_OFFL_SIR_NORR_2_20200217T005464_C001 CCCO Altimeter Range Qualty PLRM_COCG Backsatter Qualty Flags have been set for one or more recor	CS_OFFL_SIR_NOPN_2_20200217T232453_20200217T232803_C001		
CS_OFFL_SIR_NOPR_2_20200217T01955_20	CS_OFFL_SIR_NOPR_2_20200217T000133_20200217T000826_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
G8_OFFL_SIR_NOPR_2_20200217T013855_20200217T014507_C001 and Backscatter Quality FLRM, QCG Minneter Range and Backscatter Quality Flags have been at for one or Decan Allmeter Range and Backscatter Quality Flags have been at for one or more records. C8_OFFL_SIR_NOPR_2_20200217T032511_20200217T032815_C001 OCCG Allmeter Range Quality FLRM, Allmeter Range and Backscatter Quality Flags have been at for one or more records. C8_OFFL_SIR_NOPR_2_20200217T030542_02020217T050552_C001 OCCG Allmeter Range Quality FLRM, CCG GBackscatter Quality Flags have been at for one or more records. C8_OFFL_SIR_NOPR_2_20200217T050542_02020217T050552_C001 OCCG Allmeter Range Quality FLRM, CCG GBackscatter Quality FLRM, CCG GBackscatter Quality FLRM, CCG GFL_SIR_NOPR_2_20200217T050542_02020217T050562_C001 OCCG Allmeter Range Quality FLRM, CCG GCG Allmeter Range Quality FLRM, CCG GFL_SIR_NOPR_2_20200217T065144_20200217T065052_C001 OCCG Allmeter Range Quality FLRM, CCG GFL_SIR_NOPR_2_20200217T065046_0202017T065044_0001 The OCCG Range and Backscatter Quality Flags have been set for one or more records. C8_OFFL_SIR_NOPR_2_20200217T065046_02020217T065142_0200217T1065142_0200217T1065142_0200217T1065152_0200217T1065152_0200217T1065142_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152_0200217T1065152	CS_OFFL_SIR_NOPR_2_20200217T002208_20200217T003023_C001		
CS_OFFL_SIR_NOPR_2_2020217T03251_2020217T032515_C001 and Backssatter Quality PLRM, COCO Attemeter Range and Backssatter Quality PLRM, COGO Backsssatter Quality PLRM, COGO Backssatter Quality PLRM, COGO Backss	CS_OFFL_SIR_NOPR_2_20200217T013955_20200217T014507_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCCOF Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_20200217T051238_20200217T051435_C001 OCCOG Backscatter Quality PLRM, OCCG CR ange and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T091313_20200217T091516_20200217T091626_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Backscatter Quality PLRM, OCCG Backscatter Quality PLRM, OCCG Backscatter Quality FLRM, OCCG, Altimeter Range, and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T1091516_20200217T1091526_C001 OCCG Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T103314_20200217T110335_C001 OCCGG Backscatter Quality FLRM, OCCG Altimeter Range and Backscatter	CS_OFFL_SIR_NOPR_2_20200217T032541_20200217T032815_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20200217T061235_20200217T065029_C001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T065248_20200217T0650454_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T065248_20200217T065454_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T081021_20200217T081217_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T081031_20200217T081333_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T091518_20200217T091626_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T1091518_20200217T1091626_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T102314_20200217T102457_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T110309_20200217T110553_20001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one o	CS_OFFL_SIR_NOPR_2_20200217T050542_20200217T050852_C001		
CS_OFFL_SIR_NOPR_2_20200217T065246_20200217T065454_C001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T081021_20200217T081217_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG COG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T091516_20200217T091626_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T091516_20200217T091626_C001 OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T102314_20200217T102457_C001 OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T103909_20200217T104353_C001 OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T113541_C001 OCCOG Altimeter Range ASHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T113541_C001 OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T113541_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Rang	CS_OFFL_SIR_NOPR_2_20200217T051238_20200217T051435_C001		
CS_OFFL_SIR_NOPR_2_202002177081021_202002177081217_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_202002177081021_202002177081217_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, CS_OFFL_SIR_NOPR_2_202002177081315_202002177081333_C001 The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202002177081315_202002177081333_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202002177091516_202002177091626_C001 Ocog Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202002177102314_202002177102457_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202002177103809_202002177104353_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202002177113255_202002177113541_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202002177114841_202002177114541_C001 Ocean Altimeter Range ADBackscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202002177114841_202002177115037_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_NOPR_2_20200217T064744_20200217T065029_C001		
CS_OFFL_SIR_NOPR_2_20200217T08101_20200217T081217_0001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_20200217T081315_20200217T081333_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T091516_20200217T091626_C001 Ocoan Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T102314_20200217T102457_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T103309_20200217T104353_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T113541_C001 Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T113541_C001 OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T114841_20200217T115037_C001 OCGG Altimeter Range Quali	CS_OFFL_SIR_NOPR_2_20200217T065246_20200217T065454_C001		
CS_OFFL_SIR_NOPR_2_2020021771081315_2020021771081335_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_2020021771091516_2020021771091626_C001 Attimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPR_2_2020021771091516_2020021771091626_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202002177102314_202002177102457_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_2020021771103909_2020021771104353_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. The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags hat the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_202002177113255_202002177113541_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. <td>CS_OFFL_SIR_NOPR_2_20200217T081021_20200217T081217_C001</td> <td></td> <td></td>	CS_OFFL_SIR_NOPR_2_20200217T081021_20200217T081217_C001		
CS_OFFL_SIR_NOPR_2_20200217T091516_20200217T091626_C001 and Backscatter Quality PLRM, OCOG Atimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality Flags ast for one or more records. CS_OFFL_SIR_NOPR_2_20200217T102314_20200217T102457_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags ast for one or more records. CS_OFFL_SIR_NOPR_2_20200217T103909_20200217T104353_C001 Ocean Altimeter Range, SSHA, SWH ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter 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 Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T113255_20200217T115037_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags ha	CS_OFFL_SIR_NOPR_2_20200217T081315_20200217T081333_C001		
CS_OFFL_SIR_NOPR_2_20200217T102314_20200217T102457_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPR_2_20200217T103909_20200217T104353_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, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T113255_20200217T113541_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 have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T113255_20200217T113541_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T114841_20200217T115037_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_20200217T1125035_20200217T1125319_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPR_2_20200217T091516_20200217T091626_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20200217T103909_20200217T104353_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM In the OCGA filtimeter 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_NOPR_2_20200217T113255_20200217T113541_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T114841_20200217T115037_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_20200217T1125035_20200217T1125319_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPR_2_20200217T102314_20200217T102457_C001		
CS_OFFL_SIR_NOPR_2_20200217T113255_20200217T113541_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ind Bockscatter Quality PLRM, ocog and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200217T114841_20200217T115037_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_20200217T1125035_20200217T1125319_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_20200217T103909_20200217T104353_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20200217T114041_20200217T115319_C001 OCOG Backscatter Quality more records. OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_NOPR_2_20200217T113255_20200217T113541_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPR_2_20200217T114841_20200217T115037_C001		
	CS_OFFL_SIR_NOPR_2_20200217T125035_20200217T125319_C001		

CS_OFFL_SIR_NOPR_2_20200217T132443_20200217T132703_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_20200217T145004_20200217T145216_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_20200217T145408_20200217T145905_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_20200217T163102_20200217T164104_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_20200217T180452_20200217T180748_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_20200217T181110_20200217T181956_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_20200217T195237_20200217T200022_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_20200217T213140_20200217T213854_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_20200217T214111_20200217T214611_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_20200217T222657_20200217T223312_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_20200217T224623_20200217T224837_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_20200217T230032_20200217T230413_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_20200217T230414_20200217T230838_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_20200217T231055_20200217T231740_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_20200217T231743_20200217T231751_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG 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.

158

50

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

Number of products with errors:

5.7 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20Hz)

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

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

Number of products with errors:

L2 Retracking Flags (20Hz, PLRM)

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

Ocean Retracking Quality Flag (PLRM): This flag is currently set for products NOPR and NOPN products over sea ice, but this is to be expected.

Number of products with errors:

116