

# QA4EO Daily Report for NOP data:

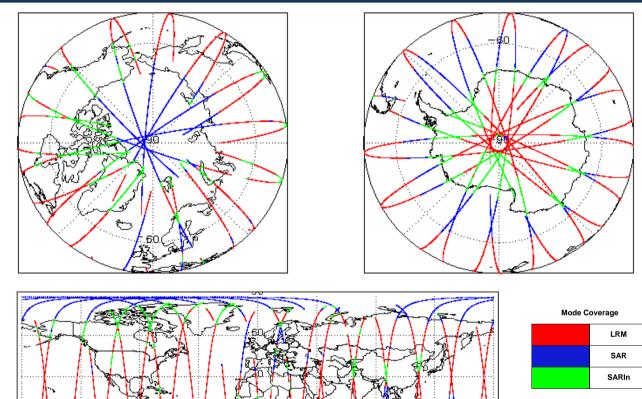
19/09/2021

anart Draduation.	20 San 2021	Check	L1 & L2
Report Production:	20-Sep-2021	Server check: science-pds.cryosat.esa.int	Nominal
<b>B</b> assassas <b>1</b> 11	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Used:	CiyoSat Ocean Processor	Product Software Check	Nominal
Data Used:	Near Real Time Ocean Products (NOP)	Product Format Check	Nominal
	L1B & L2 Science Data	Product Header Analysis	See Sections 4.2 and 5.2
		Auxiliary Data File Usage Check	See Section 4.3 and 5.3
		Auxiliary Correction Error Check	See Section 5.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5
		Measurement Quality Flag Check	See Section 5.6
		Ocean Retracking Quality Check	See Section 5.7
		QCC Error/ Warning Check	See Section 7.2

1. Overview

Mission / Instrument News	
18-Sep-2021	
19-Sep-2021	None
20-Sep-2021	Nothing planned





# 3. Instrument Configuration

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

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

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4. NOP Level 1B Data Quality Check

# 4.1 L1B Product Format Check

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

# 4.2 L1B Product Header Analysis

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

L1B Processing Quality HR: The I1b\_proc\_flag\_hr flag is currently set all L1B IOPR and IOPN products because the I1b\_processing\_quality\_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release.

Number of products with errors:

#### 4.3 L1B Auxilary Data File Usage Check

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

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

Product	AUX File	Comment
All NOPM1B files (151 products)	CS_OPER_AUXIIONGIM_20210919T000000_20 210919T235959_0001	Forecast AUXI file missing at the time of processing
All NOPN1B files (102 products)	CS_OPER_AUXIIONGIM_20210919T000000_20 210919T235959_0001	Forecast AUXI file missing at the time of processing
All NOPR1B files (80 products)	CS_OPER_AUXIIONGIM_20210919T000000_20 210919T235959_0001	Forecast AUXI file missing at the time of processing

# 4.4 L1B Auxiliary Correction Error Check

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

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#### Number of products with errors:

Product	Test Failed	Description
All NOPM1B files (151 products)		Due to a missing AUXI_IONGIM file, there is an error with the lonospheric correction.
All NOPN1B files (102 products)	GIM Ionospheric Correction	Due to a missing AUXI_IONGIM file, there is an error with the lonospheric correction.
All NOPR1B files (80 products)	GIV IONOSDBERIC CORRECTION	Due to a missing AUXI_IONGIM file, there is an error with the lonospheric correction.

### 4.5 L1B Measurement Confidence Data Check

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

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

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20210919T000642_20210919T001356_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20210919T064620_20210919T070428_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20210919T100754_20210919T101052_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20210919T173622_20210919T174906_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

#### 4.6 L1B Waveform Group Data Check

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

> Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected.

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#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20210919T055851_20210919T061344_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20210919T064620_20210919T070428_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20210919T183039_20210919T184010_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210919T064207_20210919T064317_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210919T082126_20210919T082305_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210919T090412_20210919T090602_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210919T131058_20210919T131156_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210919T194755_20210919T195113_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210919T063527_20210919T063831_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210919T105528_20210919T105745_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210919T121857_20210919T122347_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210919T145509_20210919T150313_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210919T163423_20210919T164144_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210919T181338_20210919T182109_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210919T195221_20210919T195940_C001	Loss of Echo	The tracking echo is missing for one or more records

# 5. NOP Level 2 Data Quality Check

## 5.1 L2 Product Format Check

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

# 5.2 L2 Product Header Analysis

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

Number of products with errors:

### 5.3 L2 Auxiliary Data File Usage Check

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

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

Number of products with errors: 3		
Product	AUX File	Comment
All NOPM2 files (151 products)	CS_OPER_AUXIIONGIM_20210919T000000_20 210919T235959_0001	Forecast AUXI file missing at the time of processing
All NOPN2 files (102 products)	CS_OPER_AUXIIONGIM_20210919T000000_20 210919T235959_0001	Forecast AUXI file missing at the time of processing
All NOPR2 files (80 products)	CS_OPER_AUXIIONGIM_20210919T000000_20 210919T235959_0001	Forecast AUXI file missing at the time of processing

# 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).

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

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

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

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

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

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210919T034300_20210919T040037_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPM_2_20210919T064620_20210919T070428_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records
CS_OFFL_SIR_NOPM_2_20210919T101429_20210919T101612_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_20210919T004720_20210919T004835_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_20210919T005614_20210919T005730_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_20210919T022635_20210919T022758_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_20210919T023307_20210919T023401_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records
CS_OFFL_SIR_NOPN_2_20210919T040724_20210919T041008_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_20210919T041212_20210919T041555_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_20210919T050305_20210919T050734_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20210919T054646_20210919T054922_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_20210919T064207_20210919T064317_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_20210919T064432_20210919T064620_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20210919T082126_20210919T082305_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_20210919T090412_20210919T090602_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_20210919T091417_20210919T091639_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_20210919T100132_20210919T100550_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_20210919T122347_20210919T122723_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_20210919T140308_20210919T140627_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_20210919T145355_20210919T145509_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_20210919T155044_20210919T155152_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_20210919T172747_20210919T172938_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_20210919T181105_20210919T181338_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_20210919T190619_20210919T190917_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_20210919T194755_20210919T195113_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_NOPN_2_20210919T195117_20210919T195221_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_20210919T203652_20210919T203936_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_20210919T212656_20210919T213044_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20210919T001514_20210919T001712_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20210919T045534_20210919T045704_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20210919T063527_20210919T063831_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20210919T095651_20210919T100132_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_20210919T113519_20210919T114334_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_20210919T131445_20210919T132232_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_20210919T145509_20210919T150313_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_20210919T163423_20210919T164144_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_20210919T181338_20210919T182109_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_20210919T195221_20210919T195940_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
All NOPM2 files (151 products)	GIM Ionospheric Correction	There is an error with the GIM lonospheric correction for one or more records
All NOPN2 files (102 products)	GIM Ionospheric Correction	There is an error with the GIM lonospheric correction for one or more records
All NOPR2 files (80 products)	GIM Ionospheric Correction	There is an error with the GIM lonospheric correction 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: 4		
Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210919T000642_20210919T001355_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20210919T064620_20210919T070428_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20210919T100754_20210919T101052_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

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

CS\_OFFL\_SIR\_NOPM\_2\_20210919T173622\_20210919T174905\_C001

# L2 Quality Flags (20Hz)

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

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210919T000642_20210919T001355_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_20210919T002712_20210919T002718_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_20210919T004024_20210919T004349_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_20210919T004835_20210919T005411_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_20210919T010150_20210919T013417_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.

12         101         101         102			
CL, OPE_BR_UPPUL_20210910114421_021001001445_0001     and Backanzo Cuby, COOD Alterna Prog. Ser. COOD Alterna Prog. Ser. Cool Alterna Prog. Ser. Coo	CS_OFFL_SIR_NOPM_2_20210919T013610_20210919T013735_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Cold, Str. 200, OVER_200, OVER 100000, 200 10100000, 200         Unstantion         proof of an interview.           Cold, Str. 200, OVER_200, OVER 100000, 200 10100000, 200         Cold offers and a cold of a stress of a stres of a stres of a stress of a stress of a stress of a stress of	CS_OFFL_SIR_NOPM_2_20210919T014621_20210919T014815_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C3, DH, JAR JOHM, ZUX (2011) 102222, D11         pro: BBASCHT Cable, 2020 001102222, D11         pro: BBASCHT Cable, 2020 001102222, D11         D10 D11           C3, DH, JAR JOHM, ZUX (2011) 1021 001111 2011 001101112331. D111         D10 D11 AMERIK Rage D111, D10 D11         D10 D11 AMERIK Rage D111, D10 D11         D10 D11 AMERIK Rage D111, D10 D11           C3, DH, LAR JOHM, ZUX (2011) 1021 001111 2011 001101111 2011 00111         D10 D11 AMERIK Rage D111, D10 D11         D10 D11 AMERIK Rage D111, D10 D11         D10 D11 AMERIK Rage D111, D10 D11           C3, DH, LAR JOHM, ZUX (2011) 1021 00111 2011 0011         D10 D11 AMERIK Rage, SBA, SH1         D10 D11	CS_OFFL_SIR_NOPM_2_20210919T015420_20210919T015423_C001		
Cold Units of Work 2, 201000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20210919T020642_20210919T022225_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS, DIFL, SR, NOPM, 2. 322 V011FT02011_0220101FT020312_00011       be based and based	CS_OFFL_SIR_NOPM_2_20210919T022758_20210919T023307_C001		
62,0FTL_SR_NOPML2_321091FT03254_2021091FT032553_0001         Does Attracter Range, SDH, SOH and Backscatter Coally Flags have bean at the cost on research.           C3: OFFL_SR_NOPM_2_3021091FT034505_0001         Does Attracter Range, SDH, SOH and Backscatter Coally Flags have bean at the cost on research.         The Cost Attracter Range, SDH, SOH and Backscatter Coally Flags have bean at the cost on research.           C3: OFFL_SR_NOPM_2_3021091FT034505_0001         Does Attracter Range, SDH, SOH and Backscatter Coally Flags have bean at the cost on research.         The Cost Attracter Range, SDH, SOH and Backscatter Coally Flags have bean at the cost on research.           C3: OFFL_SR_NOPM_2_3021091FT034503_0001         Does Attracter Range, SDH, SOH and Backscatter Coally Flags have bean at the	CS_OFFL_SIR_NOPM_2_20210919T024011_20210919T031534_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
65_0PFL_3BL_NOPM_2_3021091970374L_3221091970374L_021091703374_3221091970374         mail basecater Cuality, COCO Alternet Fange and Basecater Cuality, COCO Fange and Basecater Cuality, COCO Alternet Fange and Basecater Cuality, COCO Alternet Fange and Basecater Cuality, COCO Fange and Basecater Cuality, COCO Fange and Basecater Cuality, COCO Alternet Fange and Basecater Cuality, Fange Fane Fange Sality, Sility, Fange Fane Fange Sality, Sil	CS_OFFL_SIR_NOPM_2_20210919T032534_20210919T032729_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
65       0.61       DEL       SR. NOPK 2: 20210919704408, 202109197041211_0001       DODS Allmeter Range Dulity, OCOS Allmeter Range and Backscatter Dulity Flags have been set biology of the core of the core message.         CB_OPFL_SRL_NOPK_2.20210919704108_20210197041211_0001       DODS Allmeter Range Dulity, OCOS Allmeter Range and Backscatter Dulity Flags have been set biology of the core of the core message.         CB_OPFL_SRL_NOPK_2.20210919704108_20210197041085_0001       DODS Allmeter Range SNL SVL and Backscatter Dulity Flags have been set biology of the core message.         CB_OPFL_SRL_NOPK_2.20210919704308_0001       DODS Allmeter Range SNL SVL and Backscatter Dulity Flags have been set biology of the core message.         CB_OPFL_SRL_NOPK_2.20210919704308_0001       DODS Allmeter Range SNL SVL and Backscatter Dulity Flags have been set biology of the core message.         CB_OPFL_SRL_NOPK_2.20210919704308_0001       DODS Allmeter Range SNL SVL and Backscatter Dulity Flags have been set biol on on none second.         CB_OPFL_SRL_NOPK_2.20210919704308_0001       DODS Allmeter Range SNL SVL and Backscatter Dulity Flags have been set biol on on none second.         CB_OPFL_SRL_NOPK_2.20210919705702_027109197057614_0001       DOSA Allmeter Range SNL SVL and Backscatter Dulity Flags have been set biol on on none second.         CB_OPFL_SRL_NOPK_2.20210919705762_0011       DOSA Allmeter Range SNL SVL and Backscatter Dulity Flags have been set biol on on none second.         CB_OPFL_SRL_NOPK_2.20210919705762_0011       DOSA Allmeter Range Dulity, COG Allmeter Range and Backscatter Dulity Flags have been set biol on one second. <td>CS_OFFL_SIR_NOPM_2_20210919T033744_20210919T034204_C001</td> <td>and Backscatter Quality, OCOG Altimeter</td> <td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td>	CS_OFFL_SIR_NOPM_2_20210919T033744_20210919T034204_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CBLOFTL_SRL_NOPM_2_202109101041951_202109101041961_202109101041961_202109101043954_C001         Backscotter Quality         For own Atmentsr Range, SSHA, SWH and Backscatter Quality Flags, have been at the own at most in costs.           CB_OFTL_SIR_NOPM_2_202109101043955_C001         Costs Atmentsr Range, SSHA, SWH and Backscatter Quality Flags, have been at the own at most incosts.         The OCOB Attenuest Range and Backscatter Quality Flags, have been at the own at most incosts.           CB_OFTL_SIR_NOPM_2_202109101043955_C001         Costs Atmentsr Range, SSHA, SWH and Backscatter Quality Flags, have been at the own at most incosts.           CB_OFTL_SIR_NOPM_2_202109101044113_202109101045033_C001         And Backscatter Quality, Flags, have been at the own at th	CS_OFFL_SIR_NOPM_2_20210919T034300_20210919T040037_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SR_NOPM_2_20210919704356_2001     and Backsatter Quality     mark the COCO Attender Range, SSH, SVH and Backsatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2_20210919704368_2001091704368_2001     Decan Attender Range, SSH, SVH and Backsatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2_202109197044868_20010917044808_20010917045804_0001     Decan Attender Range, SSH, SVH and Backsatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2_202109197044113_202109197045814_0001     Decan Attender Range, SSH, SVH and Backsatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2_202109197046734_02010919705814_0001     Decan Attender Range, SSH, SVH and Backsatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2_20210919705811_0001     Decan Attender Range, SSH, SVH and Backsatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2_20210919705811_0001     Decan Attender Range, SSH, SVH and Backsatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2_20210919705823_00210919705413_0001     Decan Attender Range, Quality, OCOO Attender Range ASH, SVH and Backscatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2_202109197055651_0021091705562_0001	CS_OFFL_SIR_NOPM_2_20210919T041008_20210919T041211_C001		
C3. 0FFL_SIR_NOPM_2_20210919T04328_20210919T04328_C001       and Backscatter Quality       Call Antenet Range and Backscatter Quality         C3. 0FFL_SIR_NOPM_2_20210919T04113_20210919T04533_C001       Ocean Attenuet Range SIA, SVH       Te Ocean Attenuet Range SIA, SVH and Backscatter Quality Flags have been at for one or more records.         C3. 0FFL_SIR_NOPM_2_20210919T04573_20210919T052914_20210919T052914_20210919T052914_20210919T052914_20210919T052914_20210919T052914_20210919T052914_20210919T052912_20210919T052912_20210919T052912_20210919T055912_C001       Decan Attenuet Range SIA, SVH and Backscatter Quality Flags have been at for one or more records.         C3. 0FFL_SIR_NOPM_2_20210919T052911_20210919T052912_C001       Decan Attenuet Range SIA, SVH and Backscatter Quality Flags have been at for one or more records.       Te Ocean Attenuet Range SIA, SVH and Backscatter Quality Flags have been at for one or more records.         C3. 0FFL_SIR_NOPM_2_20210919T052911_20210919T055912_C001       Decan Attenuet Range SIA, SVH and Backscatter Quality Flags have been at for one or more records.       The OCOA Attenuet Range and Backscatter Quality Flags have been at for one or more records.         C3. 0FFL_SIR_NOPM_2_20210919T055232_20210919T055122_C001       DCOG Attenuet Range Quality, COCO Attenuet Range and Backscatter Quality Flags have been set for one or more records.         C4. 0FFL_SIR_NOPM_2_20210919T055253_20210919T055262_C001       DCOG Attenuet Range SIA, SVH and Backscatter Quality Flags have been set for one or more records.         C5. 0FFL_SIR_NOPM_2_20210919T05545_20210919T052508_C001       DCOG Attenuet Range SIA, SVH and Backscatter Quality Flags have been set for one or mo	CS_OFFL_SIR_NOPM_2_20210919T041951_20210919T043545_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OFFL_SR_NOPM_2.20210919T04113_20210919T04553_001     and Backscatter Quality COGG Altimeter and the records.       CB_OFFL_SR_NOPM_2.20210919T050734_20210919T052814_001     Ocean Altimeter Range, SDA, SWH Range and Backscatter Quality Cog et for one or more records.     The Ocean Altimeter Range, SSHA, SWH Range and Backscatter Quality Cog et for one or more records.       CB_OFFL_SR_NOPM_2.20210919T052311_20210919T052814_001     Ocean Altimeter Range, SSHA, SWH Range and Backscatter Quality Cog et for one or more records.     The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Cog et for one or more records.       CB_OFFL_SR_NOPM_2.20210919T052311_20210919T055122_001     Ocean Altimeter Range Quality, OCG Backscatter Quality     The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2.20210919T055233_20210919T056224_0001     OCCG Altimeter Range Quality, OCG Backscatter Quality     The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2.20210919T055233_20210919T056224_0001     OCCG Altimeter Range Quality, OCGQ Backscatter Quality     The OCCG Altimeter Range Backscatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2.20210919T055233_20210919T056224_0001     OCCG Altimeter Range SHA, SWH and Backscatter Quality     The OCCG Altimeter Range Altimeter Range Altimeter Range Altimeter Range Altimeter Range Backscatter Quality Flags have been set for one or more records.       CS_OFFL_SR_NOPM_2.20210919T055651_20210919T075526_0011     Ocean Altimeter Range SHA, SWH an	CS_OFFL_SIR_NOPM_2_20210919T043628_20210919T043905_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T052614_C001       and Backscatter Quality, COG Allimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T052911_20210919T054113_C001       Coan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T054912_0019T055412_C001       COGO Altimeter Range Quality, COGO Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T054922_0210919T055624_C001       COGO Altimeter Range Quality, COGO Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T055823_0210919T055624_C001       COGO Altimeter Range Quality, COGO Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T055861_02210919T055824_C001       COGO Altimeter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T055861_02210919T061545_02019T070428_C001       Coen Altimeter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T055862_0201919T07428_C001       Coen Altimeter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T075262_001       Coen Altimeter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T072202_0019T077250_C001       Coen Altimeter Range, SMA, SWH and Backscatter Quality F	CS_OFFL_SIR_NOPM_2_20210919T044113_20210919T045533_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109197052911_202109197054912_0001       and Backscatter Quality	CS_OFFL_SIR_NOPM_2_20210919T050734_20210919T052614_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919105322_002109191055224_0001       Backscatter Quality       for one or more records.         CS_OFFL_SIR_NOPM_2_202109191055233_202109191055624_0001       OCOG Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191055851_002109191061343_0001       Cean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191061545_002109191061545_002109191062508_0001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191061545_002109191062508_0001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191061545_002109191070428_0001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191070221_002109191070428_0001       ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191070222_0021091910707250_0001       ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191072732_002109191072550_0001       Ocean Altimeter Range ASHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191072732_002091910775250_0001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for	CS_OFFL_SIR_NOPM_2_20210919T052911_20210919T054113_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919105323_20210919105323_20210919105324_C001         Backscatter Quality         for one or more records.           CS_OFFL_SIR_NOPM_2_202109191055851_202109191056581_202109191061343_C001         Dcean Altimeter Range, SSHA, SWH and Backscatter Quality, Coog Altimeter Range, and Backscatter Quality Flags rand the COCG Altimeter Range and Backscatter Quality Flags rand the COCG Altimeter Range, and Backscatter Quality Flags rand the COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags rand the COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags rand backscatter Quality CoCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags rand the COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags rand backscatter Quality CoCG Altimeter range and Backscatter Quality COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.           CS_OFFL_SIR_NOPM_2_20210919T072732_0210919T072550_C001         DCCGA Altimeter Range SSHA, SWH and Backscatter Quality COCG Altimeter Range and Backscatter Qua	CS_OFFL_SIR_NOPM_2_20210919T054922_20210919T055122_C001		
CS_OFFL_SIR_NOPM_2_20210919T055851_20210919T061343_C001       and Backscatter Quality       and the OCCOG Altimeter Range and Backscatter Quality Flags have been         CS_OFFL_SIR_NOPM_2_20210919T061545_20210919T062508_C001       Ocean Altimeter Range, SSHA, SWH       The Ocean Altimeter Range, SSHA, SWH         CS_OFFL_SIR_NOPM_2_20210919T064620_20210919T070428_C001       Ocean Altimeter Range, SSHA, SWH       The Ocean Altimeter Range, SSHA, SWH         cS_OFFL_SIR_NOPM_2_20210919T064620_20210919T070428_C001       Ocean Altimeter Range, SSHA, SWH       The Ocean Altimeter Range, SSHA, SWH         cS_OFFL_SIR_NOPM_2_20210919T070428_C001       Ocean Altimeter Range, SSHA, SWH       The Ocean Altimeter Range, SSHA, SWH         cS_OFFL_SIR_NOPM_2_20210919T070221_20210919T070428_C001       Ocean Altimeter Range, SSHA, SWH       The Ocean Altimeter Range, SSHA, SWH         cS_OFFL_SIR_NOPM_2_20210919T072021_20210919T072150_C001       Ocean Altimeter Range Quality, OCOG       The OCCGA Altimeter Range, SSHA, SWH         cS_OFFL_SIR_NOPM_2_20210919T07232_0210919T073526_C001       OCCGA Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_C001       Ocean Altimeter Range, SSHA, SWH       The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been         cS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_C001       Ocean Altimeter Range, SSHA, SWH       The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been <td>CS_OFFL_SIR_NOPM_2_20210919T055233_20210919T055624_C001</td> <td></td> <td></td>	CS_OFFL_SIR_NOPM_2_20210919T055233_20210919T055624_C001		
CS_OFFL_SIR_NOPM_2_20210919T061545_20210919T062508_C001       and Backscatter Quality, CCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T064620_20210919T070428_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCGG Altimeter Range, SSHA, SWH and Backscatter Quality, Plags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T070428_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T072021_20210919T072150_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T072021_20210919T073526_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_C001       OCCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T082714_20210919T082926_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality Flags have been Range and Backscatter Quality         CS_OFFL_SIR_NOPM_2_20210919T083014_20210919T084447_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality         C	CS_OFFL_SIR_NOPM_2_20210919T055851_20210919T061343_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T064620_20210919T070428_C001       and Backscatter Quality OCOG Attimeter Range and Backscatter Quality Flags have been Range and Backscatter Quality CCG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality CCG         CS_OFFL_SIR_NOPM_2_20210919T072021_20210919T072150_C001       Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality       The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T072732_20210919T073526_C001       OCOG Attimeter Range Quality, OCOG Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_C001       Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_C001       Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, COCG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quali	CS_OFFL_SIR_NOPM_2_20210919T061545_20210919T062508_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T072021_20210919T072150_C001       and Backscatter Quality, OCOG Altimeter Range and backscatter Quality Flags have been Range and Backscatter Quality       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_20210919T072732_20210919T073526_C001       OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.       The OCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T082714_20210919T082926_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T083014_20210919T084447_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T084450_20210919T08245_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T084447_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T084450_20210919T090215_C001       Ocean Al	CS_OFFL_SIR_NOPM_2_20210919T064620_20210919T070428_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109191072732_202109191073526_C001       Backscatter Quality       for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality       The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T082714_20210919T082926_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T083014_20210919T084447_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T0844450_20210919T090215_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T072021_20210919T072150_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_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_20210919T082714_20210919T082926_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 have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T082714_20210919T082926_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T083014_20210919T084447_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T0844450_20210919T090215_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T084450_20210919T090215_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T072732_20210919T073526_C001		
CS_OFFL_SIR_NOPM_2_20210919T082714_20210919T082926_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_20210919T083014_20210919T084447_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T084450_20210919T090215_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T073840_20210919T075250_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T083014_20210919T084447_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_20210919T084450_20210919T090215_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20210919T082714_20210919T082926_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T084450_20210919T090215_C001 and Backscatter Quality, OCOG Altimeter and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20210919T083014_20210919T084447_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPM_2_20210919T084450_20210919T090215_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been

B) CORP. LIN. LONG J. 2011 BIT MARKED J. 2012 BIT			
Cold Cold Cold Cold Cold Cold Cold Cold	CS_OFFL_SIR_NOPM_2_20210919T090602_20210919T090812_C001		
Bi, OPEL JRE, UPEN J. 2021081700407, 2019181705437, 001     and Biochemic Lawy Strage base bases     and Biochemic Respond Research Carly Strage base bases       C5, OPEL JRE, UPEN J. 20210817010432, 20191817016412, 001     Disearch Alteria Resp. 505, 6071     The Annu Alteria Resp. 505, 6071       C5, OPEL JRE, UPEN J. 20210817101432, 20191817016412, 001     Disearch Alteria Resp. 505, 6071     The Annu Alteria Resp. 505, 6071       C5, OPEL JRE, UPEN J. 20210817101432, 20191817016412, 001     Disearch Alteria Resp. 505, 6071     The Annu Alteria Resp. 505, 6071       C5, OPEL JRE, UPEN J. 20210817101432, 20191817016412, 001     Disearch Alteria Resp. 505, 6071     The Annu Alteria Resp. 505, 6071       C5, OPEL JRE, UPEN J. 20210817101412, 20210817110412, 20210817110424, 2001     DOGD Alteria Resp. 505, 6071     The Alteria Resp. 505, 6071       C6, OPEL JRE, UPEN J. 2021081710412, 20210817110424, 2001     DOGD Alteria Resp. 505, 6071     The Alteria Resp. 505, 6071       C6, OPEL JRE, UPEN J. 2021081710412, 20210817110424, 2001     DOGD Alteria Resp. 505, 6071     The Alteria Resp. 505, 6071       C6, OPEL JRE, UPEN J. 20210817104243, 201917112424, 2001     DOGD Alteria Resp. 505, 6071     The COUR Alteria Resp. 505, 6071       C6, OPEL JRE, UPEN J. 20210817104243, 20191712444, 2001     DOGD Alteria Resp. 505, 6071     The COUR Alteria Resp. 505, 6071       C6, OPEL JRE, UPEN J. 2021081712444, 2001     DOGD Alteria Resp. 505, 6071     The COUR Alteria Resp. 505, 6071       C6, OPEL JRE, UPEN J. 2021081712444, 2001     DOGD Alteria Resp. 507, 5071	CS_OFFL_SIR_NOPM_2_20210919T090833_20210919T091416_C001		
CL_CHPBR_UNDPL_2_D21091100200L_001         ms Bockster Galary, DOCA Minner for a for CUCE Anther Faces and Backster Galary Fage Anther Galary Status and Tange and Backster Galary Fage Anther Galary Status and Tange and Backster Galary Fage Anther Galary Status and Tange and Backster Galary Fage Anther Galary Status and Tange and Backster Galary Fage Anther	CS_OFFL_SIR_NOPM_2_20210919T091847_20210919T094217_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
G. OPTL. SR. NOPM 2: 20210111710442. 20210111710112.001       Mode and Bodesatter Quarky Constrained and the DOC Alternet Range, SBA, DOTA         G. OPTL. SR. NOPM 2: 2021011710614. 202101117101112.001       DOCS Alternet Range, SBA, DOTA       The DOCS Alternet Range, SBA, DOTA         G. OPTL. SR. NOPM 2: 2021011710614. 202101117101216.001       DOCS Alternet Range, SBA, DOTA       The DOCS Alternet Range, SBA, DOTA         G. OPTL, SR. NOPM 2: 2021011710614. 202101117101216.001       DOCS Alternet Range, SBA, STA       The DOCS Alternet Range, SBA, STA         G. OPTL, SR. NOPM 2: 20210117101612. 202101117101216.001       DOCS Alternet Range, SBA, STA       The DOCS Alternet Range, SBA, STA         G. OPTL, SR. NOPM 2: 202101171101612. 2021011171112162.0011       DOCS Alternet Range, SBA, STA       The DOCS Alternet Range, SBA, STA         G. OPTL, SR. NOPM 2: 202101171110101.0011       DOCS Alternet Range, SBA, STA       The DOCS Alternet Range, SBA, STA         G. OPTL, SR. NOPM 2: 202101171110102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.0010111712102.001011712102.001011712102.001011712102.001011712102.001011712102.001011712102.001011712102.001011712102.001011712102.001011712102.001011712102.001011712102.00101       DOCS Alternet Range, SBA, STA       The OOS Alternet Range, SBA, STA       The STA	CS_OFFL_SIR_NOPM_2_20210919T095243_20210919T095503_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS, OFTL, SR, NOPML2, 320 0011F10414, 2021001F110416, 2021       and basebaster Quarky. COOR Advances and the COOR Advances Range and Secondar Quarky Page New Neural Range and Secondar Quarky Page New Neural Range Cuarky Coor Advances Range 2014, 201001F104012, 2021001F110402, 2021001F112402, 2021001F112404, 2021001F112404, 2021001F112402, 2021001F112404, 2021001F112402, 2021001F112404,	CS_OFFL_SIR_NOPM_2_20210919T101429_20210919T101612_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SUB-DRUGR, CARCINITIONS CARCINITIO	CS_OFFL_SIR_NOPM_2_20210919T101614_20210919T104116_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CSL OFFL_SR_NOPML2_202101011021648_202101011121410_COUL     Incl Basecentr Lusing, OCCC Attranet many the COCC Attranets Regine and Basecentr Cusing, Plags New Steins       CSL_OFFL_SR_NOPML2_20210101114002_20210101112180_COUL     Decan Attranets Regine and Basecentr Cusing, Plags New Steins       CSL_OFFL_SR_NOPML2_20210101114002_20210101112180_COUL     Decan Attranets Regine and Basecentr Cusing, Plags New Steins       CSL_OFFL_SR_NOPML2_202101011120253_20210101112180_COUL     Decan Attranets Regine and Basecentr Cusing, Plags New Steins       CSL_OFFL_SR_NOPML2_20210101112053_20210101112040_COUL     Decan Attranets Regine and Basecentr Cusing, Plags New Steins       CSL_OFFL_SR_NOPML2_20210101112053_20210101112040_COUL     Decan Attranets Regine Status, St	CS_OFFL_SIR_NOPM_2_20210919T104812_20210919T105243_C001		
CSL_DFTL_SRLNOPM_2.20210919T11403_20210919T12457_001         bitd Selected F Quilly, OCO Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set bitd of COC Altimeter Range and Backacater Quilly Flags have been set for or or none records. <tr< td=""><td>CS_OFFL_SIR_NOPM_2_20210919T105745_20210919T111741_C001</td><td>and Backscatter Quality, OCOG Altimeter</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></tr<>	CS_OFFL_SIR_NOPM_2_20210919T105745_20210919T111741_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CSL OFTL_SIR_NOPM_2_20210919112364_20210919112364_0001         Badocaster Quality         Tor one or more records.           CSL OFTL_SIR_NOPM_2_20210919112365_20210919112404_C001         Obsen Altimeter Range and Badocaster Quality Flags have been set for one or more records.           CSL OFTL_SIR_NOPM_2_20210919112366_20210919112404_C001         DOCID Altimeter Range Quality, COOD Badocaster Quality, COO	CS_OFFL_SIR_NOPM_2_20210919T114803_20210919T121857_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CSL_OFFL_SR_NOPM_2_202109191132653_20210919112644_C001         and Backagater Quality, CCOO Allimeter Range and Backagater Quality Flage have been set for our more seconds.           CSL_OFFL_SR_NOPM_2_202109191132642_202109191126518_C001         OCCOA Allimeter Range Quality, CCOO Backagater Quality, Flags, NoPM 2, 202109191141412, 202109191145255, 202109191145255, 202109191145255, 202109191145255, 202109191152554, 202109191152554, 202109191152554, 202109191152554, 202109191152554, 202109191152554, 202109191152552, 202109191152554, 202109191152554, 202109191152552, 202109191152554, 202109191152552, 202109191152552, 202109191152554, 202109191152550, 202109191152550, 202109191152550, 202109191152550, 202109191152550, 202109191152550, 202109191152550, 202109191152550, 202109191152550, 2021091911	CS_OFFL_SIR_NOPM_2_20210919T122723_20210919T123258_C001		
CS_OFIL_SR_NOPM_2_20210919112422_20210919115040_2001 Backscatter Quality CG_OFIL_SR_NOPM_2_20210919113040_20110115040_2001 CG_OFIL_SR_NOPM_2_20210919113156_20210919113148_C001 CG_OFIL_SR_NOPM_2_20210919113264_20210919113148_C001 CG_OFIL_SR_NOPM_2_20210919113264_20210919114140_C001 CG_OFIL_SR_NOPM_2_20210919114264_202109191143265_C001 CG_OFIL_SR_NOPM_2_202109191145264_202109191143255_C001 CG_OFIL_SR_NOPM_2_202109191145225_C001 CG_OFIL_SR_NOPM_2_202109191145225_C001 CG_OFIL_SR_NOPM_2_202109191145225_C001 CG_OFIL_SR_NOPM_2_202109191145225_C001 CG_OFIL_SR_NOPM_2_202109191145225_C001 CG_OFIL_SR_NOPM_2_202109191145225_C001 CG_OFIL_SR_NOPM_2_202109191145225_C001 CG_OFIL_SR_NOPM_2_20210919114522_C00191145255_C001 CG_OFIL_SR_NOPM_2_202109191145225_C001 CG_OFIL_SR_NOPM_2_20210919114522_C00191145225_C001 CG_OFIL_SR_NOPM_2_20210919114522_C00191145225_C001 CG_OFIL_SR_NOPM_2_20210919114522_C00191145255_C001 CG_OFIL_SR_NOPM_2_202109191152644_C001 CG_OFIL_SR_NOPM_2_2	CS_OFFL_SIR_NOPM_2_20210919T123653_20210919T124044_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CSL_DFTL_SIR_NOPML2_20210919T130H0_20210919T131418_C001         Beckscatter Quality         For one or more records.           CS_OFFL_SIR_NOPML2_20210919T131166_20210919T131418_C001         Ocean Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been and the COCG Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records.           CS_OFFL_SIR_NOPML2_20210919T132644_20210919T136917_C001         Ocean Allmeter Range, SSHA, SWH and Backscatter Quality         The Ocean Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.           CS_OFFL_SIR_NOPML2_20210919T140628_20210919T1430917_C001         Ocean Allmeter Range, SSHA, SWH and Backscatter Quality         The Ocean Allmeter Range, SSHA, SWH and Backscatter Quality         The Ocean Allmeter Range, SSHA, SWH and Backscatter Quality         The Ocean Allmeter Range and Backscatter Quality Flags have been at for one or more records.           CS_OFFL_SIR_NOPML2_20210919T140028_20210919T143225_C001         Ocean Allmeter Range, SSHA, SWH and Backscatter Quality         The Ocean Allmeter Range, SSHA, SWH and Backscatter Quality         The Ocean Allmeter Range, SSHA, SWH and Backscatter Quality         The Ocean Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records.           CS_OFFL_SIR_NOPM_2_20210919T145121_20210919T145225_C001         Ocean Allmeter Range, SSHA, SWH and Backscatter Quality         The Ocean Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records.           CS_OFFL_SIR_NOPM_2_20210919T145231_20210919T145225_C001         Ocean Allmeter Range, SSHA, SWH and Backscatter	CS_OFFL_SIR_NOPM_2_20210919T124422_20210919T125018_C001		
CS. DFFL_SIR_NOPM_2_20210919T131166_20210919T13418_0001       and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, Flags have been at for on or more records.         CS. DFFL_SIR_NOPM_2_20210919T132644_20210919T135917_C001       Cocan Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for on or more records.         CS_OFFL_SIR_NOPM_2_20210919T132644_20210919T135917_C001       CCG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T140628_20210919T141140_C001       CCG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T141707_20210919T143325_C001       CCG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T145121_20210919T145225_C001       Cocan Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T145121_20210919T145245_C001       Cocan Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T15031_20210919T152644_C001       Cocan Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T152644_C001       Cocan Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T156445_20210919T15840_C001       Cocan Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for one or more	CS_OFFL_SIR_NOPM_2_20210919T130401_20210919T130449_C001		
CS. OFFL_SIR_NOPM_2_20210919T132644_20210919T135917_C001       and Backscatter Quality       Set for one or more records.         CS. OFFL_SIR_NOPM_2_20210919T140628_20210919T141140_C001       CCOG Altimeter Range Quality, CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS. OFFL_SIR_NOPM_2_20210919T141767_20210919T143255_C001       Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T141707_20210919T143255_C001       Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T145121_20210919T145225_C001       Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T145121_20210919T145225_C001       Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T145120_2010919T152644_C001       Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T152753_20210919T152644_C001       Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T15483_D0210919T154827_C001       Ocean Altimeter Range Quality, CCOG       The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T154845_C021       OCCGG Altimeter Range Quality, CCCG       The Ocean Altimeter Ran	CS_OFFL_SIR_NOPM_2_20210919T131156_20210919T131418_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109191140626_002109191141140_0001         Backscatter Quality         for one or more records.           CS_OFFL_SIR_NOPM_2_20210919T141707_20210919T143325_0001         Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGQ Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality. COGG Altimeter Range and Backscatter Quality Flags have been set for one or more records.           CS_OFFL_SIR_NOPM_2_2021091917152642_0001         Ocean Altimeter Range Quality. OCCG Backscatter Quality. OCCG         The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records.           CS_OFFL_SIR_NOPM_2_2021091917154645_002109191156462_0001         OCCGA Altimeter Range Quality. OCCG Backscatter Quality. OCCG         The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records.           CS_OFFL_SIR_NOP	CS_OFFL_SIR_NOPM_2_20210919T132644_20210919T135917_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T141707_20210919T143325_C001       and Backscatter Quality       Figue and Backs	CS_OFFL_SIR_NOPM_2_20210919T140628_20210919T141140_C001		
CS_OFFL_SIR_NOPM_2_20210919T145121_00210919T145225_C001       and Backscatter Quality       and Backscatter Quality       and the OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T150313_20210919T152644_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_NOPM_2_20210919T152753_20210919T153810_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_NOPM_2_20210919T152753_20210919T153810_C001       Ocean Altimeter Range Quality, OCCG Altimeter Range Guality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T154627_C001       OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T154645_20210919T15604_C001       OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T155600_20210919T162145_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T162145_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T141707_20210919T143325_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109191150313_202109191152644_C001       and Backscatter Quality, COCG Altimeter Range and Backscatter Quality       and the OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191152753_202109191153810_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and Backscatter Quality.       The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191154635_202109191154627_C001       OCCG Altimeter Range Quality, OCCG       The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191154645_202109191154647_C001       OCCG Altimeter Range Quality, OCCG       The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191154645_202109191155604_C001       OCCG Altimeter Range, Quality, OCCG       The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191155600_202109191162145_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191164144_202109191165605_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191164144_202109191165605_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191164144_20210919116560	CS_OFFL_SIR_NOPM_2_20210919T145121_20210919T145225_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T152753_20210919T153810_C001       and Backscatter Quality, OCOG Altimeter and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T154338_20210919T154627_C001       OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T154645_20210919T155044_C001       OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T155600_20210919T165044_C001       OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T155600_20210919T162145_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T165605_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T164144_20210919T165605_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T164144_20210919T165605_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T17736_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have	CS_OFFL_SIR_NOPM_2_20210919T150313_20210919T152644_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109191154338_202109191154627_C001       Backscatter Quality       for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T154645_20210919T155044_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_20210919T155600_20210919T162145_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality COG Altimeter Range and Backscatter Quality Flags and Bac	CS_OFFL_SIR_NOPM_2_20210919T152753_20210919T153810_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109191154645_202109191155044_C001       Backscatter Quality       for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T155600_20210919T162145_C001       Ocean 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 Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T164144_20210919T165605_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T172092_20210919T171736_C001       Ocean Altimeter Range Quality, OCOG       The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_NOPM_2_20210919T154338_20210919T154627_C001		
CS_OFFL_SIR_NOPM_2_20210919T155600_20210919T162145_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_20210919T164144_20210919T165605_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T164144_20210919T165605_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001       Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T154645_20210919T155044_C001		
CS_OFFL_SIR_NOPM_2_20210919T164144_20210919T165605_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_20210919T170046_20210919T171736_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality       The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001       Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T172527_C001       OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T155600_20210919T162145_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T164144_20210919T165605_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPM_2_20210919T170046_20210919T171736_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPM_2_20210919T172009_20210919T172527_C001		

30 101. 011. 001. 201301117002 201301171014 00101     NCD2 Attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       31 001. 318. 0011. 201301171002 201301171001. 0011     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       31 0011. 318. 0011. 201301171002 201301171001. 0011     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       31 0011. 318. 0011. 201301171001. 201301171001. 0011     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       31 0011. 318. 0011. 201301171001. 201301171001. 0011     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       31 0011. 318. 0011. 201301171001. 201301171001. 0011     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       32 0011. 318. 0011. 201301171001. 201301171001. 0011     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       32 0011. 318. 0011. 201301171001. 201301171001. 0011     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       33 0011. 318. 0011. 201301171001. 201301171001. 0011     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       34 0011. 318. 0011. 2013011710101. 00101     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       34 0011. 318. 0011. 2013011710101. 00101     No.40001 attenue (Lange Cale) 00101     No.40001 attenue (Lange Cale) 00101       34 0011. 318. 0011. 201301171011. 001001     No.40001 attenue (Lange Cale) 00101			
BL, DH, LEM, CHW, Z. (2010) H111020, 2010) H111020, 2010     and bioscient fully, DOCA Alters in the processor fully fully constrained fully fully fully constrained fully fully fully constrained fully fully constrained fully f	CS_OFFL_SIR_NOPM_2_20210919T172546_20210919T172747_C001		
C32, OTL_SRI_MONIE_282(0019119208_2021091911008_2001       proc beaceable Galary, COGG Anthere and PC COGG Anthere for Construction Galary Flags have been divergented backet for Construction Constreconstre Construction Construction Construction Constr	CS_OFFL_SIR_NOPM_2_20210919T173622_20210919T174905_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C3L, DHL, LBL, DOM, LJ, 20199110008, J20199110008, J201	CS_OFFL_SIR_NOPM_2_20210919T175120_20210919T181047_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CSL, DHL, JRJ, NOPHLZ, JR2108191104248, 2010911108181, CO10         Intersestante Duality, CO20, Ammeria was the SOLO Ammeria Range and Busicetter Quality Plags have been set the second of the	CS_OFFL_SIR_NOPM_2_20210919T183039_20210919T184010_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CRUCTER_SRE_NORM_2_RELEASE INTERNET_CARE         The CRUCTER_SRE_NORM_2_RELEASE INTERNET_CARE         On other man seconds.           CRUCTER_SRE_NORM_2_RELEASE INTERNET_CARE         CRUCTER_SRE_NORM_2_RELEASE INTERNET_CARE         CRUCTER_SRE_NORM_2_RELEASE INTERNET_CARE         The CRUCTER_SRE_NORM_2_RELEASE INTERNET_CARE           CRUCTER_SRE_NORM_2_RELEASE INTERNET_CARE         CRUCTER_SRE_NORM_2_RELEASE INTERNET_CARE         The CRUCE AND SREET CARE         The CRUCE AND SREET CARE           CRUCTER_SRE_NORM_2_RELEASE INTERNET_CARE         CRUCE AND SREET CARE         The CRUCE AND SREET CARE         The CRUCE AND SREET CARE           CRUCTER_SRE_NORM_2_RELEASE INTERNET         CRUCE AND SREET CARE         The CRUCE AND SREET CARE         The CRUCE AND SREET CARE           CRUCTER_SRE_NORM_2_RELEASE INTERNET         CRUCE AND SREET CARE         The CRUCE AND SREET CARE         The CRUCE AND SREET CARE           CRUCTER_SRE_NORM_2_RELEASE INTERNET         CRUCE AND SREET CARE         CRUCE AND SREET CARE         The CRUCE AND SREET CARE           CRUCTER_SRE_NORM_2_RELEASE INTERNET         CRUCE AND SREET CARE         The CRUCE AND SREET CARE         The CRUCE AND SREET CARE           CRUCTER_SREET_CARE         CRUCE AND SREET CARE         CRUCE AND SREET CARE         The CRUCE AND SREET CARE           CRUCTER_SREET_CARE         CRUCE AND SREET CARE         CRUCE AND SREET CARE         The CRUCE AND SREET CARE           CRUCTER_SREET_CARE         CRUCE AND SREET CA	CS_OFFL_SIR_NOPM_2_20210919T184245_20210919T185626_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS DPT, SR, NOPK 2, 20210919719350, 20210919719300, 20210919719300, 20210919719350, 20210919720150, 202	CS_OFFL_SIR_NOPM_2_20210919T185934_20210919T190439_C001		
CE_DFL_SR_NOPM_2_202109197191352_02109197191406_D001 and Substantiv Cubity, CDD Almester Range and Substantiv Cubity Plags and Substantiv Cubity, CDD Almester Range and Substantiv Cubity, Flags New Heel Range and Substantiv Cubity, CDD Alme	CS_OFFL_SIR_NOPM_2_20210919T190503_20210919T190619_C001		
CE_DFTL_SR_NOPH_2_20210917192318_20210917119245_2001       and Budscatter Quality, FDQS Allinester Farge and Budscatter Quality Fugs Inter Level Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171192320_202101017119346_2001       common Farge Farge Strike SWH       the OCOR Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171193221_002109171193420_2001       common Farge Farge Strike SWH       the OCOR Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171193221_002109171193420_2001       common Farge Farge Strike SWH       the OCOR Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171193221_00210917119320_2001       common Farge Farge Strike SWH       the OCOR Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171194452_002109171194700_2001       common Farge Farge Strike SWH       the OCOR Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171194452_002109171194700_2001       common Farge Farge Strike SWH       the OCOR Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171201611_2021091710_2001       common Farge Farge Strike SWH       the OCOR Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171201611_2021091710_2001       common Farge Farge Strike SWH       the DOCOR Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171201611_2021091710_2001       common Farge Farge Strike SWH       the DOCOR Allinester Farge Strike SWH         CB_OFTL_SR_NOPH_2_202109171201611_20210917020511_C001       common Farge Farge Strike SWH       the DOCOR Allinester Farg	CS_OFFL_SIR_NOPM_2_20210919T191315_20210919T191408_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CE_OFFL_SR_NOPM_2_20210919119326_202109191193482_001 and Bioscatter Quality. COOG Ammeria and the OCGO Ammeria frage and Backscatter Quality Flags have been Range Range ABAckscatter Quality Flags have been Range Range Range ABAckscatter Quality Flags have been Range Range Range ABAckscatter Quality Flags have been Range	CS_OFFL_SIR_NOPM_2_20210919T192319_20210919T192451_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS. DFRL_SIR_NOPM_2_30210919T194352_0001       and Backscatter Quality       main Backscatter Quality         CS. DFRL_SIR_NOPM_2_30210919T194455_20210919T194706_0001       Ocean Alternet Range, SSIA_SWH ange and Backscatter Quality       The Case Minimeter Range, SSIA_SWH and Backscatter Quality         CS. DFRL_SIR_NOPM_2_30210919T201610_20210919T201719_0001       Ocean Alternet Range, SSIA_SWH ange and Backscatter Quality       The Case Minimeter Range, SSIA_SWH and Backscatter Quality         CS_ DFRL_SIR_NOPM_2_30210919T201501_00210917201730_0007       Ocean Alternet Range, SSIA_SWH and Backscatter Quality       The Case Minimeter Range, SSIA_SWH and Backscatter Quali	CS_OFFL_SIR_NOPM_2_20210919T193250_20210919T193458_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109197104465_02210919720179_C001       and Backscatter Quality, COO Alterneter and the OCOO Alterneter Range and Backscatter Quality, Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197201610_20210919720179_C001       Coorn Alterneter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197201610_20210919720179_C001       Coorn Alterneter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197201531_202109197203513_C001       Coern Alterneter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919720533_202109197204357_C001       Coern Alterneter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919720533_20210919721454_0001       Coern Alterneter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197219034_20210919721454_0001       Coern Alterneter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197219034_202109197224145_0001       Coern Alterneter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197229149_00197229145_0001       Coern Alterneter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197229149_00197229145_0001       Coern Alterneter Range, SMA, SWH and Backscatter Quality F	CS_OFFL_SIR_NOPM_2_20210919T193621_20210919T194332_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SR_NOPM_2_202109197201610_202109197203513_C001       and Backscatter Quality CGG Alimeter Range and Backscatter Quality Flags have been act for ocor more records.         CS_OFFL_SR_NOPM_2_202109197201831_202109197203513_C001       Coden Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been act for ocor more records.         CS_OFFL_SR_NOPM_2_202109197203533_C001       COCGA Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been act for ocor more records.         CS_OFFL_SR_NOPM_2_202109197203533_C001997204537_C001       COCGA Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been act for ocor more records.         CS_OFFL_SR_NOPM_2_202109197205133_20210919721454.C001       Cocon Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been act for ocor more records.         CS_OFFL_SR_NOPM_2_202109197215054_20210919721455.C001       Cocon Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been act for ocor more records.         CS_OFFL_SR_NOPM_2_20210919722140_202109197222415_C001       Cocon Alimeter Range Quality. COCG Alimeter Range. SSHA, SWH and Backscatter Quality Flags have been act for ocor more records.         CS_OFFL_SR_NOPM_2_202109197221740_20210919722241.C001       COCCGA Alimeter Range Quality. COCG Backscatter Quality Flags have been act for ocor more records.         CS_OFFL_SR_NOPM_2_202109197222316_C001       COCCGA Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been act for ocor more records.         CS_OFFL_SR_NOPM_2_20210919722316_C001       COCCGA Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been act for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T194455_20210919T194709_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109197201931_20210919720353_C001       and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919720333_02109197204357_C001       OCCG Altimeter Range Quality, CCOG       The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197205133_20210919721454_C001       Ocean Altimeter Range SHA, SWH and Backscatter Quality Flags have been set for one or more records.       The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197215034_202109197221415_C001       Ocean Altimeter Range Quality, OCCG       The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197221749_202109197221415_C001       OCCG Altimeter Range Quality, OCCG       The OCCGA Mineter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197222318_202109197222315_C001       OCCGA Altimeter Range Quality, OCCG       The OCCGA Mineter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919722306_202109197223719_C001       OCCGA Altimeter Range Quality, OCCG       The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919722326_20210919722379_C001       OCCGA Altimeter Range Quality, OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NO	CS_OFFL_SIR_NOPM_2_20210919T201610_20210919T201719_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OS_OPPE_SIR_NOPM_2_20210919120333_02109191212454_C001         Backscatter Quality         for one or more records.           CS_OPFE_SIR_NOPM_2_202109197205133_202109197212454_C001         Coean Attimeter Range SSHA_SWH         the Ocean Attimeter Range SSHA_SWH           CS_OFFE_SIR_NOPM_2_202109197205133_202109197212454_C001         Coean Attimeter Range SSHA_SWH         the Ocean Attimeter Range SSHA_SWH           CS_OFFE_SIR_NOPM_2_202109197221415_C001         Coean Attimeter Range SSHA_SWH         the OCean Attimeter Range and Backscatter Quality           CS_OFFE_SIR_NOPM_2_202109197221749_202109197222311_C001         Coean Attimeter Range Quality, OCOG         The OCEA Attimeter Range and Backscatter Quality Flags have been set for one or more records.           CS_OFFE_SIR_NOPM_2_202109197222318_202109197222318_C001         CCOG Attimeter Range Quality, OCOG         The OCEA Attimeter Range and Backscatter Quality Flags have been set for one or more records.           CS_OFFE_SIR_NOPM_2_202109197223026_202109197225719_C001         CoEG Attimeter Range SSHA_SWH         The OCean Attimeter Range and Backscatter Quality Flags have been set for one or more records.           CS_OFFE_SIR_NOPM_2_202109197225845_202109197225719_C001         Coean Attimeter Range SSHA_SWH         The Ocean Attimeter Range and Backscatter Quality Flags have been set for one or more records.           CS_OFFE_SIR_NOPM_2_202109197225845_2021091972350207_C001         Coean Attimeter Range SSHA_SWH         The Ocean Attimeter Range and Backscatter Quality Flags have been set for one or more records.           CS_OFFE_SIR_	CS_OFFL_SIR_NOPM_2_20210919T201931_20210919T203513_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T205133_20210919T212454_C001       and Backscatter Quality, CCCG Altimeter       and the OCCG Altimeter       Range and Backscatter Quality, CCCG Altimeter         CS_OFFL_SIR_NOPM_2_20210919T215034_20210919T221415_C001       Cocan Altimeter Range, SSHA, SWH and Backscatter Quality, CCCG Altimeter       The OCCG Altimeter Range and Backscatter Quality, CCCG Altimeter         CS_OFFL_SIR_NOPM_2_20210919T22140_9019T222311_C001       COCG Altimeter Range Quality, CCCG       The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T222316_20210919T222316_C001       CCCG Altimeter Range Quality, CCCG       The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T223026_20210919T225719_C001       CCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T2252645_20210919T225719_C001       Cocan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T225645_20210919T230207_C001       Cocan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T235540_20210919T232735_C001       COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T23545_20210919T235741_20210920T000551_C001       COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T203936_20210919T204357_C001		
CS_OFFL_SIR_NOPM_2_20210919T215034_20210919T221415_C001       and Backscatter Quality. COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T2221749_20210919T222311_C001       DCOG Altimeter Range Quality, OCCG       The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T222318_20210919T222643_C001       DCOG Altimeter Range Quality, OCCG       The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T2223026_20210919T225719_C001       DCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.       The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T225845_20210919T225719_C001       Dcean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.       The OCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T225845_20210919T232735_C001       Dcean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T233455_20210919T233541_C001       Dcean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T233541_2021090551_C001       Dcean Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL	CS_OFFL_SIR_NOPM_2_20210919T205133_20210919T212454_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109191222318_202109191222643_C001       Backscatter Quality       The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191222318_202109191222519_C001       OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191223026_202109191225719_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191225845_202109191230207_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_2021091912232540_202109191230207_C001       Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191232540_202109191232735_C001       OCCG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191233455_202109191233541_C001       OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191233741_20210900000551_C001       OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191013646_202109197013610_C001       OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202010919703546_202109197013610_C001       OCCGA Altimeter Ran	CS_OFFL_SIR_NOPM_2_20210919T215034_20210919T221415_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109191223318_202109191225719_C001       Backscatter Quality       for one or more records.         CS_OFFL_SIR_NOPM_2_202109191223026_202109191225719_C001       Cean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191225845_202109191230207_C001       Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191225845_202109191230207_C001       Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191232540_202109191230207_C001       Ocean Attimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191232540_202109191232735_C001       OCCGA Altimeter Range Quality, OCCG       The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191233455_202109191235341_C001       OCCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191235741_20210920T000551_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109191235741_20210920T000551_C001       OCCGA Altimeter Range Quality, OCCG       The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T013546_20210919T0136	CS_OFFL_SIR_NOPM_2_20210919T221749_20210919T222311_C001		
CS_OFFL_SIR_NOPM_2_20210919T223026_20210919T225719_C001       and Backscatter Quality       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_20210919T225845_20210919T230207_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T225845_20210919T230207_C001       Ocean Altimeter Range, Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T232540_20210919T232735_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_20210919T233455_20210919T235341_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T235741_20210920T000551_C001       Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T235741_20210920T000551_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_20210919T013546_20210919T013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_	CS_OFFL_SIR_NOPM_2_20210919T222318_20210919T222643_C001		
CS_OFFL_SIR_NOPM_2_20210919T225845_20210919T230207_C001       and Backscatter Quality, OCOG Altimeter Range and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T232540_20210919T232735_C001       OCOG Altimeter Range Quality, OCOG Blimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T2332540_20210919T232735_C001       Ocog Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T233455_20210919T235341_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T235741_20210920T000551_C001       OCOG Altimeter Range Quality, OCOG Blimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T035741_20210920T000551_C001       OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       Ocean	CS_OFFL_SIR_NOPM_2_20210919T223026_20210919T225719_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_202109191232540_202109191232735_C001       Backscatter Quality       for one or more records.         CS_OFFL_SIR_NOPM_2_202109197233455_202109197235341_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197235741_20210920T000551_C001       OCCG 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_202109197235741_20210920T000551_C001       OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_202109197013546_202109197013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_202109197013546_202109197013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set set for one or more records.         CS_OFFL_SIR_NOPN_2_202109197013546_202109197013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set set for one or more records.         CS_OFFL_SIR_NOPN_2_202109197013546_202109197013610_C001       Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set set for one or more records.         CS_OFFL_SIR_NOPN_2_202109197013546_202109197023758_C001       OCCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and	CS_OFFL_SIR_NOPM_2_20210919T225845_20210919T230207_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20210919T233455_20210919T235341_C001       and Backscatter Quality, OCOG Altimeter       and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPM_2_20210919T235741_20210920T000551_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_20210919T235741_20210920T000551_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       OCCG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T232540_20210919T232735_C001		
CS_OFFL_SIR_NOPM_2_202109191235741_202109201000551_C001       Backscatter Quality       for one or more records.         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set       The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set         CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001       OCean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set         CS_OFFL_SIR_NOPN_2_20210919T0122635_20210919T0122758_C001       OCCOG Altimeter Range Quality, OCOG       The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_NOPM_2_20210919T233455_20210919T235341_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20210919T235741_20210920T000551_C001		
	CS_OFFL_SIR_NOPN_2_20210919T013546_20210919T013610_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPN_2_20210919T022635_20210919T022758_C001		

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CS_OFFL_SIR_NOPN_2_20210919T104636_20210919T104811_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_20210919T125019_20210919T125130_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_20210919T204357_20210919T204403_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_20210919T105528_20210919T105745_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_20210919T172938_20210919T173622_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_20210919T231535_20210919T231626_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_20210919T000556_20210919T000621_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_20210919T002730_20210919T003104_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_20210919T005614_20210919T005730_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_20210919T014558_20210919T014621_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_20210919T014815_20210919T014924_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_20210919T020532_20210919T020642_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_20210919T022635_20210919T022758_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_20210919T041212_20210919T041555_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_20210919T055122_20210919T055233_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_20210919T062508_20210919T062806_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_20210919T064432_20210919T064620_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_20210919T070428_20210919T070715_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_20210919T072408_20210919T072732_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_20210919T073527_20210919T073715_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_20210919T091417_20210919T091639_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_20210919T094217_20210919T094608_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_20210919T100132_20210919T100550_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_20210919T101052_20210919T101343_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_20210919T104344_20210919T104525_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_20210919T114334_20210919T114803_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_20210919T122347_20210919T122723_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_20210919T125019_20210919T125130_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_20210919T131418_20210919T131445_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_20210919T132232_20210919T132411_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_20210919T132513_20210919T132644_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_20210919T140308_20210919T140627_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_20210919T141140_20210919T141305_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_20210919T143325_20210919T143642_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_20210919T172747_20210919T172938_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_20210919T181105_20210919T181338_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_20210919T191952_20210919T192319_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_20210919T192452_20210919T193034_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_20210919T203652_20210919T203936_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_20210919T212454_20210919T212616_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_20210919T212656_20210919T213044_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_20210919T221634_20210919T221749_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_20210919T230207_20210919T230221_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_20210919T231649_20210919T231743_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_20210919T001514_20210919T001712_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_20210919T004350_20210919T004720_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_20210919T005730_20210919T010150_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_20210919T014930_20210919T015250_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_20210919T015457_20210919T015835_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_20210919T022225_20210919T022635_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_20210919T023617_20210919T024011_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_20210919T032730_20210919T033744_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_20210919T040037_20210919T040724_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_20210919T052614_20210919T052727_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_20210919T054113_20210919T054646_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_20210919T061344_20210919T061545_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_20210919T063527_20210919T063831_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_20210919T075250_20210919T075445_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_20210919T075445_20210919T080034_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_20210919T090215_20210919T090412_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_20210919T095651_20210919T100132_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_20210919T104117_20210919T104344_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_20210919T105528_20210919T105745_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_20210919T113519_20210919T114334_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_20210919T121857_20210919T122347_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_20210919T123414_20210919T123653_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_20210919T131445_20210919T132232_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_20210919T132411_20210919T132513_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_20210919T135917_20210919T140308_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_20210919T141305_20210919T141707_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_20210919T145509_20210919T150313_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_20210919T155152_20210919T155600_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_20210919T163423_20210919T164144_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_20210919T172938_20210919T173622_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_20210919T174906_20210919T175120_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_20210919T181338_20210919T182109_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_20210919T184010_20210919T184046_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_20210919T195221_20210919T195940_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_20210919T201312_20210919T201610_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_20210919T203513_20210919T203652_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_20210919T222801_20210919T223026_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_20210919T235341_20210919T235617_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

### L2 Quality Flags (1 Hz & 1Hz PLRM)

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

206

> 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.

55

125

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.

0

1568

Number of products with errors:

The Quality Control for CryoSat (QCC) facility performs a primary sur processing facilities. A list of the tests which raised errors or

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_NOPM1B	152	152	5	147	0
SIR_NOPR1B	80	80	0	80	0
SIR_NOPN1B	102	102	2	100	0
SIR_NOPM_2	152	152	84	68	0
SIR_NOPR_2	80	80	9	71	0
SIR_NOPN_2	102	102	35	67	0

## 7.1 QCC Errors

### 7.2 QCC Warnings

### Number of QCC reports with warnings

			Total num	per of occurrences of ea	ch warning		
Product Type	BCSHNCDF	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD	RBSZOPOEPNCDF
SIR_NOPM1B	147	0	0	0	0	0	0
SIR_NOPM_2	0	40	37	68	40	0	31
SIR_NOPN1B	99	0	0	0	0	0	0
SIR_NOPN_2	0	6	27	67	19	30	16
SIR_NOPR1B	74	0	0	0	0	0	0
SIR_NOPR_2	0	39	40	71	38	36	14
-							
Product Type	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCD	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF	RPEPOPSARNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	34	0	0	0	0	30	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	0	23	0	32	0	0
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	0	44	0	47	0	0	42
,				·	·		
Product Type	RPEPOPSINNCDF	RSSBCONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD
SIR_NOPM1B	0	0	0	0	0	1	0
SIR_NOPM_2	0	5	37	0	3	1	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	22	19	27	31	15	0	2
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	0	0	38	44	2	0	1

Product Type	SCSTODHRNCDF	SCSTODNCDF	-	-	-	-	•
SIR_NOPM1B	0	0					
SIR_NOPM_2	0	0					
SIR_NOPN1B	49	0					
SIR_NOPN_2	0	0					
SIR_NOPR1B	79	1					
SIR_NOPR_2	0	0					

4	. NOP		eport A	naiysis	5	
					DDC	
rvey or da	ta products	immediately	aner produc	tion by the	PDS ar	10 LIA P

varnings is provided below.		ivey of data products infinediately	and production by the r bo and	LTA processing lacinities. A list of t	
Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_NOPM1B	152	152	5	147	0
SIR_NOPR1B	80	80	0	80	0
SIR_NOPN1B	102	102	2	100	0
SIR_NOPM_2	152	152	84	68	0
SIR_NOPR_2	80	80	9	71	0
SIR_NOPN_2	102	102	35	67	0

Number of QCC reports with errors:

Test Description Key:					
Abbreviation	Test name	Details			
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter			
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees			
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees			
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only			
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean			
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RSWHOEPFDPLRMNC	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch			
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample			
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter			
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter			

7.3 Missing QCC Reports

Number of products with missing QCC reports: 0