

QA4EO Daily Report for IOP data:

<u>05/01/2022</u>

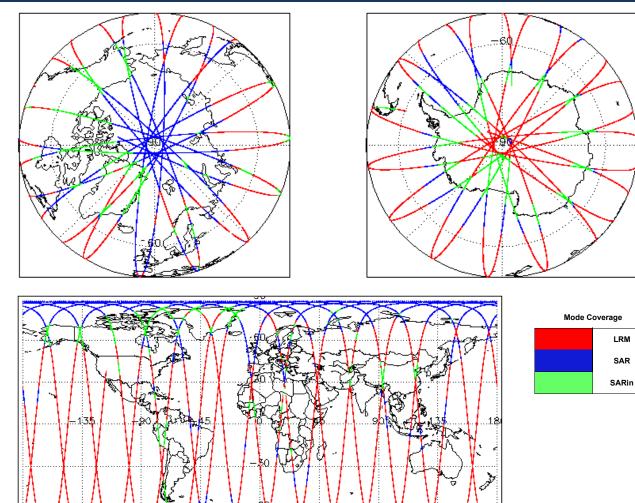
IDEAS-QAHE@

	10-Jan-2022	Check	L1 & L2	P2P
Report Production:	10-Jan-2022	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor useu.	CryoSal Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Intermediate Ocean Products (IOP)	Product Format Check	Nominal	Nominal
Data Useu.	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7
		QCC Error/ Warning Check	See Section 7.1 and 7.2	See Section 7.1, 7.2

1. Overview

	Mission / Instrument News		
ſ	04-Jan-2022	None	
	05-Jan-2022	None	
	06-Jan-2022	Nothing planned	





3. Instrument Configuration

SIRAL instrument(s) in use:

SIRAL - A

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

4. IOP 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).

4.2 L1B Product Header Analysis				
For all products, a series of pre-defined checks are performed on the MPH and	d SPH in order to identify any incor	nsistencies 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: 0				
4.3 L1B Auxilary Data File Usage Check				
Each product is checked for missing Data Set Descriptors with respect to a pre	e-determined baseline and also to	check the validity of Auxiliary Data Files is correct.		
umber of products with errors: 0				
4.4 L1B Auxiliary Correction Error Check				
CryoSat L1B data includes a correction error flag for each measurement recor	d. The bit value of this flag indicate	es any problems when set.		
Number of products with errors: 0	-			
4.5 L1B Measurement Confidence Data Check				
CryoSat L1B data includes a measurement confidence flag for each measurer	nent record. The bit value of this fl	ag indicates any problems when set.		
> Attitude Correction Missing: This flag is currently set in error for IOPR pro	ducts due to a configuration issue.	The attitude correction is actually not missing. This will be resolved in the next SW update		
Number of products with errors: 1				
Product	Test Failed	Description		
CS OFFL SIR IOPM1B 20220105T074212 20220105T074542 C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more		
	3	records		
4.6 L1B Waveform Group Data Check				
CryoSat L1B data includes a waveform data flag for each measurement record	d. The bit value of this flag indicate	s any problems when set.		
Loss of Echo Flag: This flag is currently set for products over land, but this is	to be expected.			
Number of products with errors: 19				
Product	Test Failed	Description		
CS_OFFL_SIR_IOPM1B_20220105T011420_20220105T012342_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPM1B_20220105T020831_20220105T022258_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPM1B_20220105T080950_20220105T081307_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPM1B_20220105T120143_20220105T121700_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20220105T000138_20220105T000258_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20220105T014051_20220105T014157_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20220105T095121_20220105T095357_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20220105T130702_20220105T130748_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20220105T130959_20220105T131214_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20220105T231124_20220105T231514_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPR1B_20220105T054008_20220105T054248_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPR1B_20220105T071943_20220105T072238_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPR1B_20220105T075945_20220105T080324_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPR1B_20220105T094234_20220105T094604_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPR1B_20220105T122819_20220105T123417_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPR1B_20220105T131215_20220105T131900_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPR1B_20220105T195212_20220105T195513_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPR1B_20220105T212356_20220105T213112_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPR1B_20220105T213112_20220105T213315_C001	Loss of Echo	The tracking echo is missing for one or more records		
5. I C	P Level 2 Data Qual	lity Check		
5.1 L2 Product Format Check				
Each product, retrieved and unpacked from the science server, is checked to e	ensure it consists of both an YML k	neader file (HDR) and a binary product file (DBI)		
Number of products with errors: 0				
5.2 L2 Product Header Analysis				

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

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

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

> Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.

> 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.

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20220105T120050_20220105T120138_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPM_2_20220105T163828_20220105T163917_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T000138_20220105T000258_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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPN_2_20220105T004426_20220105T004755_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)
CS_OFFL_SIR_IOPN_2_20220105T014051_20220105T014157_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)
CS_OFFL_SIR_IOPN_2_20220105T022354_20220105T022552_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T032005_20220105T032549_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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPN_2_20220105T040327_20220105T040445_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T054459_20220105T054653_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Perioc Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), and tidal corrections for one or more records
CS_OFFL_SIR_IOPN_2_20220105T072238_20220105T072603_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)
CS_OFFL_SIR_IOPN_2_20220105T082123_20220105T082359_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T090141_20220105T090502_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)
CS_OFFL_SIR_IOPN_2_20220105T095121_20220105T095357_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)
CS_OFFL_SIR_IOPN_2_20220105T104904_20220105T105028_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)
CS_OFFL_SIR_IOPN_2_20220105T113156_20220105T113259_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)
CS_OFFL_SIR_IOPN_2_20220105T122617_20220105T122819_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)
CS_OFFL_SIR_IOPN_2_20220105T130959_20220105T131215_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T141305_20220105T141716_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T144543_20220105T145048_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T154540_20220105T154754_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T180151_20220105T180609_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_IOPN_2_20220105T185507_20220105T185632_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T203438_20220105T203604_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T204118_20220105T204421_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)
CS_OFFL_SIR_IOPN_2_20220105T221443_20220105T221748_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20220105T222021_20220105T222533_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)
CS_OFFL_SIR_IOPN_2_20220105T231124_20220105T231514_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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPN_2_20220105T235459_20220105T235733_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)
CS_OFFL_SIR_IOPR_2_20220104T235944_20220105T000138_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)

CS_OFFL_SIR_IOPR_2_20220105T004301_20220105T004426_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_IOPR_2_20220105T013408_20220105T013529_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPR_2_20220105T013532_20220105T013604_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPR_2_20220105T013635_20220105T014051_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)
CS_OFFL_SIR_IOPR_2_20220105T031430_20220105T032005_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)
CS_OFFL_SIR_IOPR_2_20220105T045521_20220105T050024_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)
CS_OFFL_SIR_IOPR_2_20220105T063241_20220105T064226_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)
CS_OFFL_SIR_IOPR_2_20220105T081307_20220105T082123_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)
CS_OFFL_SIR_IOPR_2_20220105T095357_20220105T100140_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)
CS_OFFL_SIR_IOPR_2_20220105T113300_20220105T114013_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)
CS_OFFL_SIR_IOPR_2_20220105T120138_20220105T120143_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPR_2_20220105T130339_20220105T130702_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Total Geocentric Ocean Tide height (solutions 1: GOT and 2: FES) and Non-Equilibrium Long Period Ocean Tide height for one or more records.
CS_OFFL_SIR_IOPR_2_20220105T131215_20220105T131900_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)
CS_OFFL_SIR_IOPR_2_20220105T145048_20220105T145611_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)
CS_OFFL_SIR_IOPR_2_20220105T162912_20220105T163211_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)
CS_OFFL_SIR_IOPR_2_20220105T163211_20220105T163828_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)
CS_OFFL_SIR_IOPR_2_20220105T180609_20220105T181350_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)
CS_OFFL_SIR_IOPR_2_20220105T194531_20220105T195212_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)
CS_OFFL_SIR_IOPR_2_20220105T195212_20220105T195513_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)
CS_OFFL_SIR_IOPR_2_20220105T212356_20220105T213112_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)
CS_OFFL_SIR_IOPR_2_20220105T213112_20220105T213315_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)
CS_OFFL_SIR_IOPR_2_20220105T230534_20220105T231009_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)
CS_OFFL_SIR_IOPR_2_20220105T231009_20220105T231124_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)

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors: 1		
Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20220105T074212_20220105T074542_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

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

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Product	Test Failed	Description
CS OFFE SIR TOPM 2 202201051000258 202201051000535 C001	3	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20220105T000710_20220105T002405_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_JOPM_2_20220105T002060_20220105T004036_0001 Ocean Alterate Farge_SIM_SIM The Ocean Alterate Farge_SIM_SIM CS_OFFL_SIR_JOPM_2_20220105T002060_20220105T005050_C001 Decen Alterate Farge_SIM_SIM The OCOGA Alterater Farge and Backscatter Quality CS_OFFL_SIR_JOPM_2_20220105T005050_20220105T010256_C001 Decen Alterater Farge_SIM_SIM_OND The OCOGA Alterater Farge and Backscatter Quality CS_OFFL_SIR_JOPM_2_20220105T0105652_20220105T010256_C001 Decen Alterater Farge_SIM_SIM_OND The OCOGA Alterater Farge SIM_SIM_OND CS_OFFL_SIR_JOPM_2_20220105T0110542_02010 Decen Alterater Farge_SIM_SIM_OND The OCOGA Alterater Farge SIM_SIM_OND CS_OFFL_SIR_JOPM_2_20220105T011044_20220105T012242_C001 Decen Alterater Farge_SIM_SIM_OND The Ocean Alterater Range, SIM_SIM_OND CS_OFFL_SIR_JOPM_2_20220105T012042_C001 Decen Alterater Farge_SIM_SIM_OND The Ocean Alterater Range, SIM_SIM_OND CS_OFFL_SIR_JOPM_2_20220105T012042_C001 Decen Alterater Farge_SIM_SIM_OND The Ocean Alterater Range, SIM_SIM_OND CS_OFFL_SIR_JOPM_2_20220105T012042_C001 Decen Alterater Farge_SIM_SIM_OND The Ocean Alterater Range, SIM_SIM_OND CS_OFFL_SIR_JOPM_2_20220105T020500_20220105T022140_C001 Decen Alterater Range, SIM_SIM_OND The Ocean Alterater Range, SIM_SIM_OND CS_OFFL_SIR_JOPM_2_20220105T020500_20220105T025140_C001 Decen Alterater	lags have been a have been set a Quality Flags lags have been a Quality Flags lags have been set
CS_OFFL_SIR_JOPM_2_202201051005085_202201051010028_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_JOPM_2_202201051005005652_202201051010028_C001 Ocean Altmeter Range, SHA, SWH and Backscatter Quality, COOG Altmeter Range and Backscatter Quality, COOG Altmeter Range and Backscatter Quality, COOG Altmeter Range and Backscatter Quality, Range and Backscatter Quality, Range Backscatter Quality, Range and Backscatter Quality,	r Quality Flags lags have been r Quality Flags lags have been r Quality Flags lags have been r Quality Flags lags have been r Quality Flags lags have been s have been set
CS_OFFL_SIR_IOPM_2_20220106T005682_20220105T019269_0001 and Backscattle Quality, FG and Ithe COCG Altimeter Range, SSHA, SWH and Backscattle Quality, FG CS_OFFL_SIR_IOPM_2_20220105T011644_20220105T011219_C001 Cocan Altimeter Range, SSHA, SWH and Backscattle Quality, FG CS_OFFL_SIR_IOPM_2_20220105T011642_20220105T012242_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattle Quality, FG CS_OFFL_SIR_IOPM_2_20220105T011620_20220105T012242_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattler Quality, FG CS_OFFL_SIR_IOPM_2_20220105T012082_00220105T022030_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattler Quality, FG CS_OFFL_SIR_IOPM_2_20220105T02082_0220105T022282_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattler Quality, FG CS_OFFL_SIR_IOPM_2_20220105T02083_0220105T022840_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattler Quality, FG CS_OFFL_SIR_IOPM_2_20220105T02853_20220105T022840_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattler Quality, FG CS_OFFL_SIR_IOPM_2_20220105T02853_20220105T025242_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattler Quality, FG CS_OFFL_SIR_IOPM_2_20220105T02553_20220105T025749_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattler Quality, FG CS_OFFL_SIR_IOPM_2_20220105T025538_20220105T025749_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattler Quality, FG CS_OFFL_SIR_IOPM_2_20220105T025384_20220105T025749_C0011 Cocan Altimeter Range, SSHA, SWH and Backscattler Qualit	lags have been r Quality Flags lags have been r Quality Flags lags have been r Quality Flags lags have been r Quality Flags lags have been s have been set
CS_OFFL_SIR_JOPM_2_20220105T01144_20220105T011219_C001 and Backstatter Quality, OCCG and there range and Backstatter Quality Attemet Range and Backstatter Quality Factor or or more records. CS_OFFL_SIR_JOPM_2_20220105T011420_20220105T012342_C001 Ocean Attimeter Range, SSHA, SWH and Backstatter Quality Factor or or more records. CS_OFFL_SIR_JOPM_2_20220105T011200_20220105T020130_C001 Ocean Attimeter Range, SSHA, SWH and Backstatter Quality Factor or or more records. CS_OFFL_SIR_JOPM_2_20220105T020330_20220105T022358_C001 Ocean Attimeter Range, SSHA, SWH and Backstatter Quality Factor or or more records. CS_OFFL_SIR_JOPM_2_20220105T020330_20220105T022358_C001 Ocean Attimeter Range, SSHA, SWH and Backstatter Quality Factor Or or or records. CS_OFFL_SIR_JOPM_2_20220105T022358_20220105T0223408_C001 Ocean Attimeter Range, SSHA, SWH and Backstatter Quality Factor Or or or records. CS_OFFL_SIR_JOPM_2_20220105T022558_20220105T025242_C001 Ocean Attimeter Range, SSHA, SWH and Backstatter Quality Factor Or or or records. CS_OFFL_SIR_JOPM_2_20220105T025638_20220105T025749_C001 Ocean Attimeter Range, SSHA, SWH and Backstatter Quality Factor Or or or records. CS_OFFL_SIR_JOPM_2_20220105T025638_20220105T025749_C001 Ocean Attimeter Range, SSHA, SWH and Backstatter Quality Factor Or or or records. CS_OFFL_SIR_JOPM_2_20220105T033649_20220105T040247_C001 Ocean Attimeter Range, SSHA, SWH and Backstatter Quality Factor Or or rore records. CS_OFFL_SIR_JOPM_2_20220105T040445_20220105T040447_C001 <t< td=""><td>lags have been r Quality Flags lags have been r Quality Flags lags have been r Quality Flags lags have been s have been set</td></t<>	lags have been r Quality Flags lags have been r Quality Flags lags have been r Quality Flags lags have been s have been set
CS_OFFL_SIR_IOPM_2_20220105T011420_20220105T012342_C001 and Backscatter Quality, FG Attimeter Range and Backscatter Quality, FG and Backscatter Quality, FG CS_OFFL_SIR_IOPM_2_20220105T015208_20220105T020130_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T020530_20220105T022550_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T022553_20220105T022550_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T022553_20220105T022542_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T023625_20220105T023426_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T023525_20220105T02542_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T023505_20220105T025749_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T033505_20220105T033847_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T033649_20220105T04047_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T033649_20220105T04047_C001 Cosan Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T040647_C001 Cosan Altimet	lags have been r Quality Flags lags have been r Quality Flags lags have been s have been set
CS_OFFL_SIR_IOPM_2_20220105T015208_20220105T02150 and Backscatter Quality CCCG Aditmeter Range and Backscatter Quality Fage and the CCCG Altimeter Range and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T022553_20220105T022553_20220105T025242_C001 Ocean Altimeter Range Quality, CCCG CS_OFFL_SIR_IOPM_2_20220105T022553_20220105T025242_C001 OCCG Altimeter Range, SHA, SWH and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T025253_20220105T025242_C001 OCCG Altimeter Range, SHA, SWH and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T02538_20220105T025242_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T02538_20220105T025749_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T033505_20220105T033847_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T033847_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T033847_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T033847_C001 Ocean Altimeter Range and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T040215_C001 Ocean Altimeter Range and Backscatter Quality Fage CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T0404647_C001 Ocean Altimeter Range Quality, OCOG CS_OFFL_SIR_	lags have been Quality Flags lags have been s have been set
CS_OFFL_SIR_IOPM_2_20220105T022080_20220105T022258_C001 and Backscatter Quality, CCOG and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20220105T022553_20220105T023408_C001 DCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20220105T023625_20220105T025242_C001 Dcoean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The OCOG Altimeter Range, and Backscatter Quality, Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T025538_20220105T025749_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG The Ocean Altimeter Range, and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T025538_20220105T025749_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG CS_OFFL_SIR_IOPM_2_20220105T033849_20220105T040215_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T040647_C001 OCCG Altimeter Range Quality, OCCG The OCCA Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T040647_C001 OCCG Altimeter Range Quality, OCCG The OCCA Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T0412524_20220105T044040_C001 OCCG Altimeter Range Quality, OCCG	lags have been
CS_OFFL_SIR_IOPM_2_202201051023625_202201051025405_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_202201051023625_202201051025242_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG GAltimeter Range, and Backscatter Quality Fig. Sc. OFFL_SIR_IOPM_2_202201051025538_202201051025749_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG GAltimeter Range, and Backscatter Quality, COCG GAltimeter Range, and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG GAltimeter Range, SSHA, SWH and Backscatter Quality, COCG GAltimeter Range, SSHA, SWH and Backscatter Quality, COCG GAltimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG GAltimeter Range, SSHA, SWH and Backscatter Quality, COCG GAltimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, Fage for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T040215_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, Fage for one or more records. The OCCG Altimeter Range and Backscatter Quality Fage for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T040647_C001 OCCG Altimeter Range Quality, COCG Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Fage for one or more records. The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Fage for one or more records. CS_OFFL_SIR_IOPM_2_20220105T04104727_20220105T041239_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Altimeter Range and Backscatter Quality, C	
CS_OFFL_SIR_IOPM_2_20220105T023625_20220105T025242_C001 and Backscatter Quality, OCCG Attimeter Range and Backscatter Quality of one or more records. CS_OFFL_SIR_IOPM_2_20220105T025538_20220105T025749_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Attimeter Range and Backscatter Quality, OCCG Attimeter Range, SSHA, SWH and Backscatter Quality, OCCG Attimeter Range Quality, OCCG Attimeter Range Quality, OCCG Backscatter Quality, OCCG Backscatter Quality, OCCG Backscatter Quality, OCCG Attimeter Range Quality, OCCG Backscatter Quality, OCCG Backscatter Quality, OCCG Backscatter Quality, OCCG Attimeter Range, SSHA, SWH and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T0410405_20220105T041239_C001 OCCG Attimeter Range Quality, OCCG Backscatter Quality, OCCG Attimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T041526_20220105T044040_C001 Ocean Attimeter Range Quality, OCCG Attimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 Ocean	Quality Flags
CS_OFFL_SIR_IOPM_2_20220105T02538_20220105T025749_C001 and Backscatter Quality, COG Altimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_IOPM_2_20220105T033505_20220105T033847_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COG Altimeter Range, SSHA, SWH and Backscatter Quality, COG Backscatter Quality, COG Altimeter Range, SSHA, SWH and Backscatter Quality, COG Backscatter Quality, COG Altimeter Range, SSHA, SWH and Backscatter Quality, COG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051234_20220105T051243_C001 COG Altimeter Range, SSHA, SWH and Backscatter Quality, COG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T051245_C001 COG Altimeter Range, SSHA, SWH and Backscatter Quality, COG Altimeter Range and Backscatter Quality Flags for one or more records.	
CS_OFFL_SIR_IOPM_2_20220105T033505_20220105T033847_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality oset for one or more records. CS_OFFL_SIR_IOPM_2_20220105T033849_20220105T040215_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Figs for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T040647_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Figs for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T040647_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Figs for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040727_20220105T041239_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Figs for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Figs for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051234_20220105T051243_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Figs for one or more records. The OCOG Altimeter Range and Backscatter Quality Figs for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T051254_20220105T051254_20220105T054007_C001 OCOG Altimeter Range Quality	
CS_OFFL_SIR_IOPM_2_20220105T033849_20220105T040215_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040445_20220105T040647_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040727_20220105T040647_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040727_20220105T041239_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051234_20220105T051243_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051234_20220105T054007_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T054009_2022	
CS_OFFL_SIR_IOPM_2_202201051040445_202201051040647_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20220105T040727_20220105T041239_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T041526_20220105T044040_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Altimeter Range and Backscatter Quality Flags and Backscatter Quality and Backscatter Quality of the OCOG Altimeter Range and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051234_20220105T051243_C001 OCCOG Altimeter Range Quality, OCOG Backscatter Quality of one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054408_20220105T054407_C001 OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T054409_20220105T054458_C001 OCCOG Altimeter Range Quality, OCOG The OCCOG Altimeter Range and Backscatter Quality Flags for one or more records.	
CS_OFFL_SIR_IOPM_2_202201051040727_202201051041239_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20220105T041526_20220105T044040_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality for one or more records. The Ocean Altimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051234_20220105T051243_C001 OCCGG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Fags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051234_20220105T051243_C001 OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality Fags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Fags for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054408_20220105T054408_20220105T054408_20220105T054408_20220105T054458_C001 Ocean Altimeter Range Quality, OCCG CS_OFFL_SIR_IOPM_2_20220105T054409_20220105T054458_C001 Ocean Altimeter Range Quality, OCCG The Ocean Altimeter Range and Backscatter Quality Fags and Backscatter Q	have been set
CS_OFFL_SIR_IOPM_2_20220105T041526_20220105T044040_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051234_20220105T051243_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Factor one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T051243_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Factor one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Factor one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Factor one or more records. The OCOG Altimeter Range and Backscatter Quality Factor one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 Ocean Altimeter Range and Backscatter Quality Factor one or more records. The OCOG Altimeter Range and Backscatter Quality Factor one or more records. CS_OFFL_SIR_IOPM_2_20220105T054409_20220105T054458_0_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Factor one or more records.	have been set
CS_OFFL_SIR_IOPM_2_202201051051254_202201051051243_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality set for one or more records. CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 Ocean Altimeter Range and Backscatter Quality, OCOG The OCEAN Altimeter Range and Backscatter Quality set for one or more records.	
CS_OFFL_SIR_IOPM_2_20220105T051254_20220105T054007_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality ast for one or more records.	have been set
CS OFEL SIR IOPM 2 202201051054409 202201051054458 C001	
	have been set
CS_OFFL_SIR_IOPM_2_20220105T054653_20220105T055257_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality flags	have been set
CS_OFFL_SIR_IOPM_2_20220105T055428_20220105T062241_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records.	
CS_OFFL_SIR_IOPM_2_20220105T063100_20220105T063240_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records.	
CS_OFFL_SIR_IOPM_2_20220105T064603_20220105T071942_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, otog attimeter Range and Backscatter Quality Set for one or more records.	
CS_OFFL_SIR_IOPM_2_20220105T072603_20220105T073129_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Discrete Range and Backscatter Quality Flags	
CS_OFFL_SIR_IOPM_2_20220105T073329_20220105T073921_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, otog attimeter Range and Backscatter Quality between the otog betwe	; have been set
CS_OFFL_SIR_IOPM_2_20220105T080950_20220105T081307_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records. The Ocean Altimeter Range, SSHA, SWH	Quality Flags
CS_OFFL_SIR_IOPM_2_20220105T082605_20220105T083405_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality F Altimeter Range and Backscatter Quality set for one or more records.	r Quality Flags lags have been r Quality Flags

CS_OFFL_SIR_IOPM_2_20220105T083650_20220105T085909_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_IOPM_2_20220105T090502_20220105T090607_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_IOPM_2_20220105T091223_20220105T093157_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_IOPM_2_20220105T100417_20220105T103745_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_IOPM_2_20220105T104022_20220105T104506_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_IOPM_2_20220105T104526_20220105T104903_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_IOPM_2_20220105T105608_20220105T112736_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_IOPM_2_20220105T114745_20220105T115445_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_IOPM_2_20220105T115927_20220105T120048_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_IOPM_2_20220105T120143_20220105T121700_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_IOPM_2_20220105T121849_20220105T122405_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_IOPM_2_20220105T122425_20220105T122437_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_IOPM_2_20220105T122441_20220105T122617_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_IOPM_2_20220105T123417_20220105T124747_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_IOPM_2_20220105T125152_20220105T130155_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_IOPM_2_20220105T132926_20220105T133824_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_IOPM_2_20220105T134127_20220105T135555_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_IOPM_2_20220105T135816_20220105T140317_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_IOPM_2_20220105T140342_20220105T140352_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_IOPM_2_20220105T140355_20220105T140457_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_IOPM_2_20220105T141152_20220105T141305_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_IOPM_2_20220105T141716_20220105T142430_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_IOPM_2_20220105T142857_20220105T143340_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_IOPM_2_20220105T143624_20220105T144211_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_IOPM_2_20220105T145715_20220105T150122_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_IOPM_2_20220105T150142_20220105T150151_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_IOPM_2_20220105T150407_20220105T150411_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_IOPM_2_20220105T151229_20220105T153524_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_IOPM_2_20220105T153848_20220105T154235_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_IOPM_2_20220105T154256_20220105T154539_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_IOPM_2_20220105T154851_20220105T161734_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_IOPM_2_20220105T164925_20220105T171453_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_IOPM_2_20220105T171630_20220105T172150_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_IOPM_2_20220105T172156_20220105T172523_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_IOPM_2_20220105T172854_20220105T180150_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_IOPM_2_20220105T181844_20220105T182205_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_IOPM_2_20220105T182612_20220105T184431_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_IOPM_2_20220105T184822_20220105T185421_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_IOPM_2_20220105T185632_20220105T190428_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_IOPM_2_20220105T190816_20220105T194129_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_IOPM_2_20220105T195513_20220105T195603_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_IOPM_2_20220105T202215_20220105T203359_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_IOPM_2_20220105T203605_20220105T204118_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_IOPM_2_20220105T204704_20220105T210933_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_IOPM_2_20220105T211218_20220105T212149_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_IOPM_2_20220105T213315_20220105T213356_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_IOPM_2_20220105T213516_20220105T213621_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_IOPM_2_20220105T214623_20220105T215021_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_IOPM_2_20220105T215217_20220105T215824_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_IOPM_2_20220105T220012_20220105T221138_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_IOPM_2_20220105T221748_20220105T222020_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_IOPM_2_20220105T222700_20220105T225747_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
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CS_OFFL_SIR_IOPM_2_20220105T225800_20220105T225938_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_IOPM_2_20220105T231603_20220105T234759_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_IOPM_2_20220105T235733_20220105T235929_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_IOPN_2_20220105T113156_20220105T113259_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_IOPN_2_20220105T194146_20220105T194242_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_IOPN_2_20220105T235459_20220105T235733_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_IOPR_2_20220105T005642_20220105T005652_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_IOPR_2_20220105T014340_20220105T014526_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_IOPR_2_20220105T041520_20220105T041526_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_IOPR_2_20220105T055425_20220105T055428_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_IOPR_2_20220105T115446_20220105T115927_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20220105T163211_20220105T163828_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_IOPN_2_20220105T000536_20220105T000652_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_IOPN_2_20220105T004129_20220105T004300_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_IOPN_2_20220105T012343_20220105T012545_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_IOPN_2_20220105T014051_20220105T014157_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_IOPN_2_20220105T014527_20220105T014643_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_IOPN_2_20220105T020309_20220105T020830_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_IOPN_2_20220105T032005_20220105T032549_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_IOPN_2_20220105T045322_20220105T045352_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_IOPN_2_20220105T054459_20220105T054653_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_IOPN_2_20220105T064226_20220105T064603_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_IOPN_2_20220105T072238_20220105T072603_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_IOPN_2_20220105T073129_20220105T073246_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_IOPN_2_20220105T075149_20220105T075208_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_IOPN_2_20220105T091021_20220105T091144_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_IOPN_2_20220105T093158_20220105T093524_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_IOPN_2_20220105T095121_20220105T095357_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_IOPN_2_20220105T113156_20220105T113259_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_IOPN_2_20220105T121713_20220105T121849_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_IOPN_2_20220105T130959_20220105T131215_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_IOPN_2_20220105T132638_20220105T132926_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_IOPN_2_20220105T135628_20220105T135815_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_IOPN_2_20220105T142430_20220105T142851_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_IOPN_2_20220105T144543_20220105T145048_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_IOPN_2_20220105T150647_20220105T151046_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_IOPN_2_20220105T153535_20220105T153848_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_IOPN_2_20220105T154540_20220105T154754_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_IOPN_2_20220105T162334_20220105T162912_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_IOPN_2_20220105T164833_20220105T164924_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_IOPN_2_20220105T172523_20220105T172646_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_IOPN_2_20220105T180151_20220105T180609_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_IOPN_2_20220105T181350_20220105T181426_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_IOPN_2_20220105T194335_20220105T194531_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_IOPN_2_20220105T201629_20220105T201705_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_IOPN_2_20220105T203438_20220105T203604_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_IOPN_2_20220105T221443_20220105T221748_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_IOPN_2_20220105T235459_20220105T235733_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_IOPR_2_20220105T004301_20220105T004426_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_IOPR_2_20220105T010928_20220105T011043_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_IOPR_2_20220105T011220_20220105T011340_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_IOPR_2_20220105T013532_20220105T013604_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_IOPR_2_20220105T013635_20220105T014051_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_IOPR_2_20220105T014340_20220105T014526_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_IOPR_2_20220105T014644_20220105T014817_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_IOPR_2_20220105T025750_20220105T025923_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_IOPR_2_20220105T031306_20220105T031430_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_IOPR_2_20220105T032549_20220105T032811_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_IOPR_2_20220105T040215_20220105T040327_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_IOPR_2_20220105T045117_20220105T045322_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_IOPR_2_20220105T045521_20220105T050024_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_IOPR_2_20220105T062910_20220105T063100_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_IOPR_2_20220105T063241_20220105T064226_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_IOPR_2_20220105T071943_20220105T072238_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_IOPR_2_20220105T080611_20220105T080845_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_IOPR_2_20220105T081307_20220105T082123_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_IOPR_2_20220105T082359_20220105T082403_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_IOPR_2_20220105T083406_20220105T083650_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_IOPR_2_20220105T085909_20220105T090141_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_IOPR_2_20220105T095357_20220105T100140_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_IOPR_2_20220105T100251_20220105T100417_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_IOPR_2_20220105T113300_20220105T114013_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_IOPR_2_20220105T114252_20220105T114745_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_IOPR_2_20220105T122819_20220105T123417_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_IOPR_2_20220105T130339_20220105T130702_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.

Development Party DPR212201011110161_002011011110161_0020110110101 Constantinue Raging, 5544, 5001 In the descent Carl April 1000000000000000000000000000000000000	CS_OFFL_SIR_IOPR_2_20220105T131215_20220105T131900_C001 An Att CS_OFFL_SIR_IOPR_2_20220105T143503_20220105T143623_C001 An Att CS_OFFL_SIR_IOPR_2_20220105T145048_20220105T145611_C001 An Att CS_OFFL_SIR_IOPR_2_20220105T145625_20220105T145611_C001 An Att CS_OFFL_SIR_IOPR_2_20220105T145625_20220105T145714_C001 An Att CS_OFFL_SIR_IOPR_2_20220105T162912_20220105T163211_C001 An Att CS_OFFL_SIR_IOPR_2_20220105T163211_20220105T163828_C001 An Att CS_OFFL_SIR_IOPR_2_20220105T172646_20220105T172854_C001 An Att CS_OFFL_SIR_IOPR_2_20220105T172646_20220105T181350_C001 An Att CS_OFFL_SIR_IOPR_2_20220105T1816209_20220105T181633_0001 An Att	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM iccean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM iccean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM iccean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM iccean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
cd_org_Bet_Detg_322000007146001_02001010000000000000000000000000000	CS_OFFL_SIR_IOPR_2_20220105T143503_20220105T143623_C001 Anternational and the product of the pr	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM iccean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM iccean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM iccean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
cs_opril_set_upro_2_2022016714604_20220105714664_0001 press_destructure for even more sets. cs_opril_set_upro_2_2022016714604_20220105714664_0001 Costa Attenter Raps_ SBA, 800H and Statustic Casta Manuel Raps_SBA, 800H and Statustic Raps_SBA, 800H and Statustic Casta Manuel Raps_SBA, 800H and Statustic Raps_SBA, 800H and StatustiRaps, 800H, 800H and Statustic Raps, 800H, 800H	CS_OFFL_SIR_IOPR_2_20220105T145048_20220105T145611_C001 Ant Att PL CS_OFFL_SIR_IOPR_2_20220105T145625_20220105T145714_C001 Ant CS_OFFL_SIR_IOPR_2_20220105T162912_20220105T163211_C001 Ant CS_OFFL_SIR_IOPR_2_20220105T163211_20220105T163211_C001 Ant CS_OFFL_SIR_IOPR_2_20220105T163211_20220105T163828_C001 Ant CS_OFFL_SIR_IOPR_2_20220105T172646_20220105T172854_C001 Ant CS_OFFL_SIR_IOPR_2_20220105T180609_20220105T181350_C001 Ant CS_OFFL_SIR_IOPR_2_20220105T181426_20220105T181633_C001 Ant	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM iccean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM icean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
 C2, DFL, SRL, DFR, Z. 302201051162512, 20220105116272, 202201051162712, 20220105116272, 2	CS_OFFL_SIR_IOPR_2_20220105T145625_20220105T145714_C001 an Att PL CS_OFFL_SIR_IOPR_2_20220105T162912_20220105T163211_C001 Att Att PL CS_OFFL_SIR_IOPR_2_20220105T163211_20220105T163828_C001 Att CS_OFFL_SIR_IOPR_2_20220105T172646_20220105T172854_C001 Att CS_OFFL_SIR_IOPR_2_20220105T180609_20220105T181350_C001 Att CS_OFFL_SIR_IOPR_2_20220105T181426_20220105T181633_C001 Att	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM icean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG	
cg. GFL_SR_LOPP_2_02201031103112_0210_0220103110311_COT millionanter Guing PLAN_COT cg. GFL_SR_LOPP_2_0220103110311_20210_031103211_COT millionanter Guing PLAN_COT cg. GFL_SR_LOPP_2_02201031103211_2020103110322_COT Com Alimeter Range, SSA, SWA, Millionanter Challery PLAN_COT cg. GFL_SR_LOPP_2_02201031103211_2020103110322_COT Com Alimeter Range, SSA, SWA, Millionanter Challery PLAN_COT cg. GFL_SR_LOPP_2_0220103110302_COT Com Alimeter Range, SSA, SWA, Millionanter Challery PLAN_COT cg. GFL_SR_LOPP_2_0220103110302_COT Com Alimeter Range, SSA, SWA, Millionanter Challery PLAN_COT cg. GFL_SR_LOPP_2_0220103110302_COT Com Alimeter Range, SSA, SWA, Millionanter Challery PLAN_COT cg. GFL_SR_LOPP_2_0220103110302_COT Com Alimeter Range, SSA, SWA, Millionanter Challery PLAN_COT cg. GFL_SR_LOPP_2_0220103110302_COT Com Alimeter Range, SSA, SWA, Millionanter Ran	CS_OFFL_SIR_IOPR_2_20220105T162912_20220105T163211_C001 an Att PL CS_OFFL_SIR_IOPR_2_20220105T163211_20220105T163828_C001 Att CS_OFFL_SIR_IOPR_2_20220105T163211_20220105T163828_C001 Att CS_OFFL_SIR_IOPR_2_20220105T172646_20220105T172854_C001 Att CS_OFFL_SIR_IOPR_2_20220105T180609_20220105T181350_C001 Att PL Oc CS_OFFL_SIR_IOPR_2_20220105T181426_20220105T181633_C001 Att	nd Backscatter Quality PLRM, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C3_OFFL_SR_IOFR_2_80220165110211_2022015110321_2022015110321_C001	CS_OFFL_SIR_IOPR_2_20220105T163211_20220105T163828_C001 an Att PL CS_OFFL_SIR_IOPR_2_20220105T172646_20220105T172854_C001 Oc CS_OFFL_SIR_IOPR_2_20220105T172646_20220105T172854_C001 Att CS_OFFL_SIR_IOPR_2_20220105T180609_20220105T181350_C001 Att CS_OFFL_SIR_IOPR_2_20220105T181426_20220105T181633_C001 Oc		and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFT_SIT_OPT_222220105T172540_20220105T172540_20220105T172540_20201 Herd backstafts Calling FLRM_COCG Herd Site Constraints and Provide Site Constraints and P	CS_OFFL_SIR_IOPR_2_20220105T172646_20220105T172854_C001	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C6_OFFL_SIR_UOPR_2_20220105T181428_20220105T181550_C001 AffiniteF Range and Backscatter Outsilly Fight new Seen AffiniteF Range SSHA, SWH AffiniteF Range and Backscatter Outsilly Fight new Seen AffiniteF Range SSHA, SWH AffiniteF Range and Backscatter Outsilly Fight new Seen AffiniteF Range SSHA, SWH AffiniteF Range and Backscatter Outsilly Fight new Seen AffiniteF Range SSHA, SWH	CS_OFFL_SIR_IOPR_2_20220105T1816609_20220105T181350_C001	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C6_OFFL_SIR_IOPR_2_202201051191428_202201051191453_0001 mft Backsatter Quality PLRM_OCOS PLRM mit Backsatter Quality PLRM_OCOS PLR	CS_OFEL_SIR_IOPR_2_20220105T181426_20220105T181633_C001	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPR_2_20220105T190541_20220105T190356_C001 Cocon Backscatter Quality Flags, SHA, SWH and Backscatter Quality Flags, Iave been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T190541_20220105T190356_C001 Cocon Backscatter Quality Flags, Iave been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T190541_20220105T190356_C001 Cocon Advancer Range Quality PLRM, Cocon Advancer Quality Flags, Iave been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T190511_20220105T190512_C001 Cocon Advancer Range Quality PLRM, The OCOC Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T190512_C001 Cocon Advancer Range SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T190512_C001 Cocon Advancer Range SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T190513_C001 Cocon Advancer Range SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T190513_C001 Cocon Advancer Range Advancer Quality PLRM, Coco Advancer Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T195212_C001 Cocon Advancer Range Quality PLRM, Coco Advancer Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T21926_20220105T212257_C001 COCON Advancer Range Quality PLRM, The OCOC Range and Backscatter Quality Flags have been set for one or more records. Cocon Advancer Range Quality PLRM, Coco Advancer Range Advancer Quality Flags have been set for one or more records. Cocon Advancer Range Quality PLRM, The OCOC Range and Backscatter Quality Flags have been set for one or more records. Cocon Advancer Range Quality PLRM, Cocon Range and Backscatter Quality Flags have been set for one or more records. Cocon Advancer Range Quality PLRM, Coc		nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C6_OFFL_SIR_JOPR_2_20220105T190514_20220105T190516_C001 and Backscatter Quality PLRM, COO Altimeter Range and Backscatter Quality PLRM, COCO Altimeter Range and Backscatter Quality PLRM, CCS_OFFL_SIR_JOPR_2_20220105T194531_20220105T195212_C001 and Backscatter Quality PLRM, COCO Altimeter Range SIAA, SWH and Backscatter Quality Flags have been set for one or noce records. C5_OFFL_SIR_JOPR_2_20220105T194531_20220105T195212_C001 COCO Altimeter Range Altimeter Range SIAA, SWH and Backscatter Quality Flags have been aft or one or more records. C5_OFFL_SIR_JOPR_2_20220105T195212_C001 COCO Altimeter Range Altither COCO Range and Backscatter Quality Flags			
CS_OFFL_SIR_JOPR_2_20220105T194282_20220105T194232_2020105T194232_2020105T195212_0001 OCCOG Backscatter Quality more records. The Ocean Attinueter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_JOPR_2_20220105T195212_20220105T195212_0001 OCCOG Backscatter Quality The Ocean Attinueter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_JOPR_2_20220105T195212_20220105T195513_C001 OCCOG Attinueter Range Quality PLRM. The OCCOG Range and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_JOPR_2_20220105T195718_20220105T195717_C001 OCCOG Attinueter Range Quality PLRM. The OCCOG Range and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_JOPR_2_20220105T212150_20220105T212257_C001 OCCOG Attinueter Range Quality PLRM. The OCCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T212150_20220105T212257_C001 OCCOG Attinueter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T2121250_20220105T213112_C001 OCCOG Attinueter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T213052_20220105T213052_C001 OCCOG Attinueter Range ASHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPR_2_20220105T213052_20220105T214450_C001	CS_OFFL_SIR_IOPR_2_20220105T190541_20220105T190816_C001 Alt	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPR_2_20220105T195212_001 and Backscatter Quality PLRM. CCG The Occord Attimuter Range and Backscatter Quality Flags have been and to Occord Attimuter Range. SNA. SWH and Backscatter Quality PLRM. CCG Attimuter Range and Backscatter Quality Flags have been and to OCGO Attimuter Range. SNA. SWH and Backscatter Quality PLRM. CCG Attimuter Range and Backscatter Quality Flags have been at the OCGO Attimuter Range. SNA. SWH and Backscatter Quality PLRM. CCG Attimuter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T195718_20220105T195747_C001 OCCGA Attimuter Range Quality PLRM. OCCGA Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T21216_0021 OCCGA Attimuter Range Quality PLRM. OCCGA Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T21216_002105T212257_C001 OCCGA Attimuter Range Quality PLRM. OCCGA Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T212366_20220105T2123112_C001 OCCGA Attimuter Range SNA, SWH and Backscatter Quality PLRM. CCGCGA Attimuter Range and Backscatter Quality PLRM. DCCGA Attimuter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T214362_20220105T214420_C001 OCCGA Attimuter Range SNA, SWH and Backscatter Quality PLRM. CCGCGA Attimeter Range SNA, SWH and Backscatter Quality			
CS_OFFL_SIR_IOPR_2_20220105T195212_20220105T195513_C001 and Backscatter Quality PLRM. OCOG Allimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T201926_20220105T202215_C001 OCOG Allimeter Range Quality PLRM. OCOG Backscatter Quality PLRM. OCOG Galimeter Range. SSHA. SWH and Backscatter Quality PLRM. OCOG Gackscatter Quality PLRM. OCOG Can Altimeter Range. SSHA	CS_OFFL_SIR_IOPR_2_20220105T194531_20220105T195212_C001	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPR_2_202201051201926_202201051202215_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_IOPR_2_202201051212150_202201051202215_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_2022010512121256_2022010512121257_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_202201051212356_202201051213112_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_202201051213622_202201051214305_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_202201051221438_202201051221442_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_202201051222138_202201051221442_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_202201051222534_202201051222100_C011 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_202201051222534_2022010512221442_C001 Decan Altimeter Ra	CS_OFFL_SIR_IOPR_2_20220105T195212_20220105T195513_C001 Alt	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPR_2_20220105T212150_20220105T212257_C001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T212150_20220105T212257_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T212356_20220105T213112_C001 OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T213622_20220105T21305_C001 OCOG Altimeter Range Quality PLRM. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T214454_20220105T2144507_C001 OCOG Altimeter Range Quality PLRM. OCOG Altimeter Range Quality PLRM. OCOG Altimeter Range Quality PLRM. OCOG Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T214454_20220105T221442_C001 OCOG Altimeter Range Quality PLRM. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T22138_20220105T221442_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T22534_20220105T22540_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T22554_20220105T225800_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. <t< td=""><td></td><td></td><td></td></t<>			
CS_OFFL_SIR_IOPR_2_202201051212150_20220105121255_0001 OCCG Backscatter Quality more records. CS_OFFL_SIR_IOPR_2_20220105T212356_20220105T213112_C001 OccG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality PLRM The Occan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T213622_20220105T214305_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T214454_20220105T214507_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T2214454_20220105T221442_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T222534_20220105T222700_C001 Occan Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225800_C001 Occan Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCCOG 			
CS_OFFL_SIR_IOPR_2_20220105T212356_20220105T213112_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T213622_20220105T214305_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_IOPR_2_20220105T214454_20220105T214457_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_IOPR_2_20220105T221138_20220105T221442_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPR_2_20220105T22534_20220105T22700_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225747_20220105T225800_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225747_20220105T225800_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter R			
CS_OFFL_SIR_IOPR_2_202201051213622_202201051214305_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_IOPR_2_20220105T214454_20220105T214507_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T221138_20220105T221442_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 the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags an	CS_OFFL_SIR_IOPR_2_20220105T212356_20220105T213112_C001 Alt	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPR_2_202201051214344_202201051214307_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_IOPR_2_20220105T221138_20220105T221442_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 the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225800_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Qua			
CS_OFFL_SIR_IOPR_2_20220105T221138_20220105T221442_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG CS_OFFL_SIR_IOPR_2_20220105T222534_20220105T222534_20220105T222700_C001 Ocean Altimeter Range, SSHA, SWH The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH CS_OFFL_SIR_IOPR_2_20220105T222534_20220105T222700_C001 Ocean Altimeter Range, SSHA, SWH The OCean Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225800_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH a			
CS_OFFL_SIR_IOPR_2_20220105T222534_20220105T222700_C001 and Backscatter Quality PLRM, OCOG Interformed Codent Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCGG Altimeter Range, and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225747_20220105T225800_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225800_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225800_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225800_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_IOPR_2_20220105T221138_20220105T221442_C001 Alt	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225800_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG	CS_OFFL_SIR_IOPR_2_20220105T222534_20220105T222700_C001 Alt	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG	CS_OFFL_SIR_IOPR_2_20220105T225747_20220105T225800_C001 Alt	cean Altimeter Range, SSHA, SWH	
Altimeter Range and Backscatter Quality PLRM	CS_OFFL_SIR_IOPR_2_20220105T230534_20220105T231009_C001	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPR_2_20220105T231009_20220105T231124_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_IOPR_2_20220105T231009_20220105T231124_C001 Alt	nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM icean Altimeter Range, SSHA, SWH nd Backscatter Quality PLRM, OCOG Itimeter Range and Backscatter Quality LRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_IOPR_2_20220105T231515_20220105T231603_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_IOPR_2_20220105T234759_20220105T235459_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, w	hich are summarised below.	
> 1Hz and 1Hz Ocean SSHA Quality Flags: These flags are currently set for pr	oducts over sea ice, which is to be expected	1.
Number of products with errors: 199		
5.8 L2 Ocean Retracking Quality Check		
L2 Retracking Flags (20Hz)		
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measure	rement record. The bit value of this flag indic	cates any problems when set.
> Ocean Retracking Quality Flag: This flag is currently set for products over lan	nd and sea ice, but this is to be expected. Th	ne number of products with this error flag set is given below.
Number of products with errors: 65		
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 fla	ag indicates any problems when set.
> Ocean Retracking Quality Flag (PLRM): This flag is currently set for products	s IOPR and IOPN products over sea ice, but	this is to be expected.
Number of products with errors: 155		
6. IOP L2	Pole-to-Pole Data Quality	Check
6.1 P2P Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to ens	sure it consists of both an XML header file (.	HDR) and a NetCDF product file (.nc).
Number of products with errors: 0		
6.2 P2P Product Header Analysis		
For all products, a series of pre-defined checks are performed on the MPH and S	SPH in order to identify any inconsistencies a	and/or errors raised by the ground-segment processing chain.
Number of products with errors: 0		
6.3 P2P Auxiliary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with respect to a pre-d	letermined baseline and also to check the va	alidity of Auxiliary Data Files is correct.
Number of products with errors: 0		
6.4 P2P Auxiliary Correction Error Check		
For all products, the auxiliary corrections within the Geophysical Group are check	ked for the default error value (32767)	
Currently, there are some common auxiliary correction errors raised in the followed by a table highlighting any additional issues which may arise from	Level 2 products which are expected due	e to surface type. All common flags are summarised in the list below,
> ECMWF Meteo Corrections: Currently the following corrections are not comp Correction and the U-Wind and V-Wind components of the ECMWF model wind not reported in the table below.		
> Sea State Bias & Sea State Bias PLRM: The error value is currently set for p	roducts over sea ice, but this is to be expect	ed.
> Mean Sea Surface: The error value is currently set for products over land and	sea ice, but this is to be expected.	
> Mean Dynamic Topography: The error value is currently set for products over		
> Altimetric Wind Speed Error: The error value is currently set for products over	er land and sea ice, but this is to be expected	d.
Number of products with errors: 30		
Product	Test Failed Mean Sea Surface (1), Mean Dynamic	Description There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_IOP_2_20220104T231030_20220105T000007_C002	Topography (1) Mean Sea Surface (1), Mean Dynamic	Topography height (solution 1) There is an error with the MSS height (solution 1), the Mean Dynamic
CS_OFFL_SIR_IOP_220220105T000007_20220105T004944_C001	Topography (1), Total Geocentric Ocean Tide (GOT)	Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOP_220220105T004944_20220105T013922_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)
CS_OFFL_SIR_IOP_220220105T013922_20220105T022859_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)
CS_OFFL_SIR_IOP_220220105T022859_20220105T031836_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)
CS_OFFL_SIR_IOP_220220105T031836_20220105T040814_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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOP_220220105T040814_20220105T045751_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)
CS_OFFL_SIR_IOP_220220105T045751_20220105T054729_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Perioc Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), and tidal corrections for one or more records

Mean Sea Surface (1), Mean Dynamic Topography (1)

CS_OFFL_SIR_IOP_2__20220105T054729_20220105T063706_C001

There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1)

CS_OFFL_SIR_IOP_2_20220105T063706_20220105T072643_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)
CS_OFFL_SIR_IOP_2_20220105T072643_20220105T081620_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)
CS_OFFL_SIR_IOP_220220105T081620_20220105T090558_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)
CS_OFFL_SIR_IOP_220220105T090558_20220105T095535_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)
CS_OFFL_SIR_IOP_220220105T095535_20220105T104513_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)
CS_OFFL_SIR_IOP_2_20220105T104513_20220105T113450_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)
CS_OFFL_SIR_IOP_2_20220105T113450_20220105T122427_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)
CS_OFFL_SIR_IOP_220220105T122427_20220105T131404_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), and tidal corrections for one or more records
CS_OFFL_SIR_IOP_2_20220105T131404_20220105T140342_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)
CS_OFFL_SIR_IOP_2_20220105T140342_20220105T145319_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)
CS_OFFL_SIR_IOP_220220105T145319_20220105T154257_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)
CS_OFFL_SIR_IOP_2_20220105T154257_20220105T163234_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)
CS_OFFL_SIR_IOP_2_20220105T163234_20220105T172212_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)
CS_OFFL_SIR_IOP_2_20220105T172212_20220105T181149_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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOP_2_20220105T181149_20220105T190126_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)
CS_OFFL_SIR_IOP_220220105T190126_20220105T195103_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)
CS_OFFL_SIR_IOP_220220105T195103_20220105T204041_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)
CS_OFFL_SIR_IOP_220220105T204041_20220105T213018_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)
CS_OFFL_SIR_IOP_220220105T213018_20220105T221956_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)
CS_OFFL_SIR_IOP_220220105T221956_20220105T230933_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)
CS_OFFL_SIR_IOP_220220105T230933_20220105T235910_C002	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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
6.5 P2P Measurement Confidence Data Check		
CryoSat P2P data includes a measurement confidence flag for each 20-Hz me	asurement record. The bit value of this flag inc	licates any problems when set.
Number of products with errors: 1		
	Test Failed	Description
CS_OFFL_SIR_IOP_2_20220105T072643_20220105T081620_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
6.6 P2P Measurement Quality Flag Check		
P2P Quality Flags (20Hz)		
CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 H	Iz measurement record, copied from the corres	sponding L2 products.
Since the P2P Quality Flags are copied directly from the L2 Quality Flags	, please see Section 5.6 for the full list of p	oducts affected.
Number of products with errors: 29		

P2P Quality Flags (20Hz PLRM)

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.

29

Number of products with errors:

P2P Quality Flags (1 Hz & 1Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected. Number of products with errors: 30

6.8 P2P	Ocean	Retracking	Quality Check

P2P Retracking Flags (20Hz)

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz 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 IOPR and IOPN products over sea ice, but this is to be expected.

29

30

15

Number of products with errors:

P2P Retracking Flags 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 IOPR and IOPN products over sea ice, but this is to be expected.

Number of products with errors:

7. IOP QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_IOPM1B	204	204	3	201	0
SIR_IOPR1B	121	102	1	100	1
SIR_IOPN1B	102	121	0	121	0
SIR_IOPM_2	204	204	149	55	0
SIR_IOPR_2	121	101	36	65	0
SIR_IOPN_2	101	121	31	88	2
SIR_IOP_P2P	30	30	0	28	2

7.1 QCC Errors

Number of QCC reports with errors:

					Total number	of occurrences	of each error				
Product Type	RLOBOPNCDF	RL	RL	RLOBOPNCDF	RL	RL	ISSOPOBHRNO	-	-	-	-
SIR_IOPN1B	0	0	0	0	0	0	1				
SIR_IOPR_2	2	1	2	2	1	2	0				
			,	,							
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_IOP_2_	2	2	2	2							

Test Description Key:	est Description Key:					
Abbreviation	Test name	Details				
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7				
RL	RangeLatitude_6	Latitude should be between -90E6 and 90E6				
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7				
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7				
RL	RangeLongitude_6	Longitude should be between -180E6 and 180E6				
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7				
RRTAISSOPOBHRNCE	RangeRecordTAIStartStopOPOrBlankHRNetC	The time value should be between the record TAI start/stop times of the SPH				

7.2 QCC Warnings

Number of QCC reports with warnings

Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMM
SIR IOPM1B	201	0	0	0	0	0	0
SIR IOPM 2	0	0	41	43	0	44	0
SIR IOPN1B	101	0	0	0	0	0	0
SIR IOPN 2	0	0	10	34	5	25	26
SIR IOPR1B	112	0	0	0	0	0	0
SIR_IOPR_2	0	2	33	56	1	29	23
Product Type	RBSZOPOEPNCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARN			RPEPOPFDSINNCDF
SIR IOPM1B	0	0	0	0	0	0	0
SIR IOPM 2	35	0	36	0	0	0	0
SIR IOPN1B	0	0	0	0	0	0	0
SIR IOPN 2	16	1	0	0	23	0	35
SIR IOPR1B	0	0	0	0	0	0	0
SIR IOPR 2	11	0	0	55	0	63	0
		Ū	0		°		°
Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR_IOPM1B	0	0	0	0	0	0	0
SIR_IOPM_2	25	0	0	6	27	0	1
SIR_IOPN1B	0	0	0	0	0	0	0
SIR_IOPN_2	0	0	30	17	39	55	32
SIR_IOPR1B	0	0	0	0	0	0	0
SIR_IOPR_2	0	59	0	3	64	34	13
Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNC	DF RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF
SIR IOPM1B	0	0	0	0	0	0	0
SIR IOPM 2	32	0	1	0	0	0	0
SIR IOPN1B	0	0	0	0	0	51	3
SIR IOPN 2	25	28	11	0	2	0	0
SIR IOPR1B	0	0	0	0	0	121	9
SIR IOPR 2	40	54	2	2	7	0	0
	10			-		1-	0
	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC	
Product Type							28
Product Type SIR_IOP_2_	16	30	30	6	30	18	20
			30	6 RPEPOPSINNCDF	30 RSSBCONCDF	18 RSSHAOFDNCDF	
SIR_IOP_2_	16			-			RSSHAOFDPLRMNCD
SIR_IOP_2_ Product Type SIR_IOP_2_	16 RNELPOTONCDF 1	RPEPOPFDPLRMSINN 19	CDIRPEPOPFDSINNCDF 30	RPEPOPSINNCDF 28	RSSBCONCDF 16	RSSHAOFDNCDF	RSSHAOFDPLRMNCD
SIR_IOP_2_ Product Type SIR_IOP_2_ Product Type	16 RNELPOTONCDF 1 RSSHAONCDF	RPEPOPFDPLRMSINN 19 RSWHOEPFDNCDF	CDIRPEPOPFDSINNCDF 30 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 28 RSWHOEPNCDF	RSSBCONCDF 16 SPHLPQWNCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCD
SIR_IOP_2_ Product Type SIR_IOP_2_	16 RNELPOTONCDF 1	RPEPOPFDPLRMSINN 19	CDIRPEPOPFDSINNCDF 30	RPEPOPSINNCDF 28	RSSBCONCDF 16	RSSHAOFDNCDF	RSSHAOFDPLRMNC
SIR_IOP_2_ Product Type SIR_IOP_2_ Product Type SIR_IOP_2_	16 RNELPOTONCDF 1 RSSHAONCDF 27	RPEPOPFDPLRMSINN 19 RSWHOEPFDNCDF	CDIRPEPOPFDSINNCDF 30 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 28 RSWHOEPNCDF	RSSBCONCDF 16 SPHLPQWNCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNC
SIR_IOP_2_ Product Type SIR_IOP_2_ Product Type SIR_IOP_2_ st Description Key	16 RNELPOTONCDF 1 RSSHAONCDF 27 /: Test name	RPEPOPFDPLRMSINN 19 RSWHOEPFDNCDF 30	CDIRPEPOPFDSINNCDF 30 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 28 RSWHOEPNCDF 12 Details	RSSBCONCDF 16 SPHLPQWNCDF 30	RSSHAOFDNCDF 30 -	RSSHAOFDPLRMNCI
SIR_IOP_2_ Product Type SIR_IOP_2_ Product Type SIR_IOP_2_ SIR_IOP_2_ st Description Key breviation	16 RNELPOTONCDF 1 RSSHAONCDF 27 /:	RPEPOPFDPLRMSINN 19 RSWHOEPFDNCDF 30	CDIRPEPOPFDSINNCDF 30 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 28 RSWHOEPNCDF 12 Details	RSSBCONCDF 16 SPHLPQWNCDF	RSSHAOFDNCDF 30 -	RSSHAOFDPLRMNC
SIR_IOP_2_ Product Type SIR_IOP_2_ Product Type	16 RNELPOTONCDF 1 RSSHAONCDF 27 /: Test name	RPEPOPFDPLRMSINN 19 RSWHOEPFDNCDF 30 NetCDF	CDIRPEPOPFDSINNCDF 30 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 28 RSWHOEPNCDF 12 Details The burst counter should	RSSBCONCDF 16 SPHLPQWNCDF 30	RSSHAOFDNCDF 30 he previous burst counter	RSSHAOFDPLRMNCI

MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPFDPLRM	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAOFDPLRMNCD	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPFDPLRMNC	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Start_v2_NetCDF	Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1)
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter
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