

QA4EO Daily Report for IOP data:

<u>23/02/2023</u>

IDEAS-QA4E0

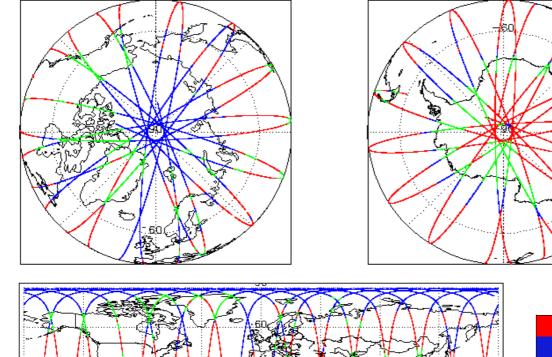
Demont Dueduction.	28-Feb-2023	Check	L1 & L2	P2P
Report Production:	28-Feb-2023	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:		Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Usea:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data	Product Format Check	Nominal	Nominal
Data Used:		Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
We would	love to hear from you!	Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
	your feedback about these daily	Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to		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
cs2_qc_t	eam@telespazio.com	QCC Error/ Warning Check	See Section 7.1 and 7.2	See Section 7.1 and 7.1

1. Overview

	Mission / Instrument News			
22-Feb-2023		None		
23-Feb-2023		None		
	24-Feb-2023	Nothing planned		

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Mode Coverage

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8

3. Instrument Configuration

SIRAL instrument(s) in use:

SIRAL - A

0

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

135

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

4.2 L1B Product Header Ana	lysis
For all products, a series of pre-defined ch	necks 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
4.3 L1B Auxilary Data File U	sage Check
Each product is checked for missing Data	Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.
Number of products with errors:	0
4.4 L1B Auxiliary Correction	Error Check
CryoSat L1B data includes a correction en	ror flag for each measurement record. The bit value of this flag indicates any problems when set.
Number of products with errors:	0
4.5 L1B Measurement Confid	dence Data Check
CryoSat L1B data includes a measuremen	t confidence flag for each measurement record. The bit value of this flag indicates any problems when set.
	t confidence flag for each measurement record. The bit value of this flag indicates any problems when set. is currently set in error for IOPR products due to a configuration issue. The attitude correction is actually not missing. This will be resolved in the next SW

4.6 L1B Waveform Group Data Check

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

18

Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected. The table provides the full list of products flagged.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20230223T043502_20230223T044425_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20230223T091457_20230223T094243_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20230223T130126_20230223T130313_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20230223T165004_20230223T170028_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20230223T175041_20230223T175420_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20230223T000443_20230223T000532_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20230223T050130_20230223T050238_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20230223T053723_20230223T053852_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20230223T081539_20230223T081605_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20230223T091334_20230223T091457_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20230223T104315_20230223T104643_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20230223T131240_20230223T131437_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20230223T154702_20230223T154859_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20230223T180622_20230223T181134_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20230223T031641_20230223T032031_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20230223T043208_20230223T043502_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20230223T094957_20230223T095142_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20230223T162235_20230223T162454_C001	Loss of Echo	The tracking echo is missing for one or more records

5. IOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

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

> 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.

Dig Lens, Durk J. 2009/2011 10004, 2009/2011 10004, 2009/2011 1000 Name bits Marked Private Name bits M	Product	Test Failed	Description
Disk Unstrück Tangender (1) Tangender (1) Disk Unstrück Tangender (1) Tangender (1) Tangender (1) Tangender (1) Disk Unstrück Tangender (1) <	CS_OFFL_SIR_IOPM_2_20230223T165004_20230223T170028_C001		
Bit Control Transport (1) Transport	CS_OFFL_SIR_IOPN_2_20230223T004602_20230223T004718_C001		
Book Process One Section 2010 Treaders (1) Treaders (1) Treaders (1) 00, OTL, GRU, ONE, ZACONEZTICENTI, SACKEZTICENTI, SA	CS_OFFL_SIR_IOPN_2_20230223T005227_20230223T005540_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	
Number Toogenary Mark (Volume 1) Toogenary Mark (Volume 1) 60, PPL_SHL_OPH_2_FCREECETTORCET_LOCKCETTORSET	CS_OFFL_SIR_IOPN_2_20230223T022700_20230223T022936_C001		
St. Off. 19. UM1 2 Adduction UM1 Issepary (i) Issepary (i) Issepary (i) 03. OFFL 38. UM1 2 Adduction 11 Mont Dod Unit (1) Mont Down (1) Mont	CS_OFFL_SIR_IOPN_2_20230223T023131_20230223T023709_C001		
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BLUE THE CARGE CONSTRUCTION OF CONSTRUC	CS_OFFL_SIR_IOPN_2_20230223T040547_20230223T040839_C001		
CS, OFFL, SR, JOPN 2, 20230237163382, 20230237165382, 2001 Mice Dynamic Topography (1) The is a near with the Mice Dynamic Topography (1) CS, OFFL, SR, JOPN 2, 20230237164409, 202302371654400, 202302371654400, 202302371654400, 20230237165480, 2001 Mice Dynamic Topography (1) There is a near with the Mice Dynamic Topography (1) CS, OFFL, SR, JOPN 2, 202302237165410, 202302237165480, C001 Mice Dynamic Topography (1) There is a near with the Mice Dynamic Topography (1) CS, OFFL, SR, JOPN 2, 202302237165410, 20230227165410, 20230227165420, 20230227165420, 20230227165420, 20230227165420, 20230227165420, 20230227165420, 20230227165450, 2011 C3, OFFL, SR, JOP	CS_OFFL_SIR_IOPN_2_20230223T050130_20230223T050238_C001		Topography height (solution 1)
Big UPUP (2) Math Database (2) Math Database (2) Math Database (2) CS_OFFL_SR_UOPU_2, 00200221104046_0020221104046_0001 Math Database Sufface (1), Math Database (2) There is an error with the MSD height (2) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	CS_OFFL_SIR_IOPN_2_20230223T053723_20230223T053852_C001		FES) and the Non-equilibrium Long Period Ocean Tide height for one or
CB OPFL_SIPL_OPFL_2 20232223104646_0001 Togggpply (1) Total Geocentric Operation Section Control Geocentric Operation Section Control Geocentric Operation Contrel Geocentric Operation Contrel Geocentric Operation Con	CS_OFFL_SIR_IOPN_2_20230223T054429_20230223T054640_C001	Mean Dynamic Topography (1)	
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CS_OFFL_SIR_IOPN_2_20230223114525_000312_2013022_0001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20230223114702_202302231154639_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_202302231173331_20230223118134_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_202302231184745_202302231194785_202302231194785_202302231194745_20230223100321_20230223100321_20230223100321_20230223100321_20230223100321_20230223100321_20230223100433_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_202302231014221_202302231014221_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MS	CS_OFFL_SIR_IOPN_2_20230223T141000_20230223T141110_C001		
CS_OFFL_SIR_IOPN_2_20230231194/02_2023023119402_2023023119406_0001 Topography (1) Total Topography (1) Total CS_OFFL_SIR_IOPN_2_20230223119331_202302231193440_0001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20230223T194745_20230223T194958_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) CS_OFFL_SIR_IOPN_2_20230223T213432_20230223T213608_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) CS_OFFL_SIR_IOPN_2_20230223T213432_20230223T213508_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) CS_OFFL_SIR_IOPR_2_20230223T00321_C00321_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_20230223T010321_C003223T000443_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) <t< td=""><td>CS_OFFL_SIR_IOPN_2_20230223T145235_20230223T145342_C001</td><td></td><td></td></t<>	CS_OFFL_SIR_IOPN_2_20230223T145235_20230223T145342_C001		
CS_OFFL_SIR_IOPN_2_20230223T180622_0023023T181134_C001 Topography (1) Topography (1) Topography (1) CS_OFFL_SIR_IOPN_2_20230223T1810622_0023023T181134_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), the Total Geocentric Ocean Tide (solution 1) CS_OFFL_SIR_IOPN_2_20230223T194765_00230223T194958_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) CS_OFFL_SIR_IOPN_2_20230223T212206_20230223T212651_C001 Total Geocentric Ocean Tide (GOT) There is an error with the Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20230223T212651_C001 Total Geocentric Ocean Tide (GOT) There is an error with the Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20230223T213638_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20230223T000321_20230223T000321_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T000321_20230223T000443_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T014221_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topog	CS_OFFL_SIR_IOPN_2_20230223T154702_20230223T154859_C001		
CS_OFFL_SIR_IOPN_2_20230223T180622_0023023T181134_C001 Topography (1), Total Geocentric Ocean Topography (solution 1), the Total Geocentric Ocean CS_OFFL_SIR_IOPN_2_20230223T194745_20230223T194956_C001 Mean Dynamic Topography (1) There is an error with the Man Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20230223T212206_20230223T212265_C001 Total Geocentric Ocean Tide (GOT) There is an error with the Man Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20230223T213432_20230223T213508_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T213508_00321_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T000321_2023023T000321_20230223T000321_20230223T000321_000321_00031_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T014321_0230223T014221_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T014521_0230223T014221_0003 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T014521_0230223T032031_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dyna	CS_OFFL_SIR_IOPN_2_20230223T173331_20230223T173440_C001	Topography (1)	Topography height (solution 1)
CS_OFFL_SIR_IOPN_2_20230223T194745_20230223T194956_0001 Mean Dynamic Topography (1) for one or more records CS_OFFL_SIR_IOPN_2_20230223T212206_20230223T212651_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_20230223T213206_20230223T213508_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_IOPR_2_20230222T235253_20230223T000321_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T000321_20230223T000443_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T014221_20230223T014221_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T014221_20230223T015706_C001 Mean Sea Surface (1), Mean Dynamic Topography Height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T031641_20230223T032031_C001 Mean Sea Surface (1), Mean Dynamic Topography Height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_202302	CS_OFFL_SIR_IOPN_2_20230223T180622_20230223T181134_C001	Topography (1), Total Geocentric Ocean	Topography (solution 1), the Total Geocentric Ocean Tide (solution 1:
CS_OFFL_SIR_IOPN_2_202302231212205_202302231212651_C001 Total Geodemine Ocean Table (GO1) GOT) for one or more records CS_OFFL_SIR_IOPN_2_202302231213432_20230223T213508_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T2030221_20230223T000321_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T000321_20230223T000443_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T013533_20230223T014221_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T014221_20230223T015706_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T014221_20230223T032031_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20230223T040541_2001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) <td>CS_OFFL_SIR_IOPN_2_20230223T194745_20230223T194958_C001</td> <td>Mean Dynamic Topography (1)</td> <td></td>	CS_OFFL_SIR_IOPN_2_20230223T194745_20230223T194958_C001	Mean Dynamic Topography (1)	
CS_OFFL_SIR_IOPR_2_20230223T213432_20230223T000321_C001 Image Number of Dynamic Topography (1) for one or more records CS_OFFL_SIR_IOPR_2_20230222T235253_20230223T000321_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T000321_20230223T000321_20230223T000443_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T013533_20230223T014221_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T014221_20230223T014221_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T014221_20230223T015706_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T031641_20230223T032031_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T032031_20230223T040547_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (sol	CS_OFFL_SIR_IOPN_2_20230223T212206_20230223T212651_C001	Total Geocentric Ocean Tide (GOT)	
CS_OFFL_SIR_IOPR_2_20230223T000321_20230223T000321_20230223T000443_C001Mean Sea Surface (1), Mean Dynamic Topography (1)Topography height (solution 1)CS_OFFL_SIR_IOPR_2_20230223T013533_20230223T014221_C001Mean 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_20230223T014221_20230223T014221_C001Mean 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_20230223T014221_20230223T015706_C001Mean 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_20230223T014221_20230223T032031_C001Mean 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_20230223T032031_2001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1)CS_OFFL_SIR_IOPR_2_20230223T032031_2023T032031_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1)CS_OFFL_SIR_IOPR_2_20230223T040100_20230223T040547_C001Mean Sea Surface (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1)CS_OFFL_SIR_IOPR_2_20230223T046540_20230223T046540_20230223T046540_20230223T046540_20230223T046540_20230223T046540_20230223T046540_20230223T046540_20230223T046	CS_OFFL_SIR_IOPN_2_20230223T213432_20230223T213508_C001	Mean Dynamic Topography (1)	
CS_OFFL_SIR_IOPR_2_20230223T013533_20230223T014221_C001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20230223T013533_20230223T014221_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_20230223T014221_20230223T015706_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_20230223T031641_20230223T032031_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_20230223T032031_20230223T032031_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPR_2_20230223T032031_20230223T032221_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_20230223T045450_202323T040547_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_20230223T045450_202323T045543_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height (solution 1)	CS_OFFL_SIR_IOPR_2_20230222T235253_20230223T000321_C001		
CS_OFFL_SIR_IOPR_2_20230223T014221_20230223T014221_C001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20230223T014221_20230223T015706_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T031641_20230223T032031_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T032031_20230223T032031_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T032031_20230223T032221_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T040100_20230223T040547_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_20230223T045450_20230223T045547_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_20230223T000321_20230223T000443_C001		
CS_OFFL_SIR_IOPR_2_202302231014221_202302231015/06_C001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20230223T031641_20230223T032031_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T032031_20230223T032031_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T032031_20230223T032221_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T040100_20230223T040547_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_20230223T045450_202323T045543_001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records	CS_OFFL_SIR_IOPR_2_20230223T013533_20230223T014221_C001		
CS_OFFL_SIR_IOPR_2_20230223T032031_20230223T032021_C001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20230223T032031_20230223T032221_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_IOPR_2_20230223T040100_20230223T040547_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_20230223T045450_20230223T040547_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_20230223T014221_20230223T015706_C001		
CS_OFFL_SIR_IOPR_2_20230223T03203T_20230223T03222T_C001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20230223T040100_20230223T040547_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_20230223T045450_2023023T045543_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height (solution 1)	CS_OFFL_SIR_IOPR_2_20230223T031641_20230223T032031_C001		
CS_OEFL_SIR_IOPR_2_20230223T045450_20230223T045543_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height (solution 1)	CS_OFFL_SIR_IOPR_2_20230223T032031_20230223T032221_C001		
	CS_OFFL_SIR_IOPR_2_20230223T040100_20230223T040547_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_20230223T045450_20230223T045543_C001	Mean Dynamic Topography (1)	

CS_OFFL_SIR_IOPR_2_20230223T045603_20230223T050130_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_20230223T050446_20230223T050921_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPR_2_20230223T051034_20230223T051229_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPR_2_20230223T063405_20230223T064046_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_20230223T081605_20230223T082101_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_20230223T095300_20230223T100301_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_20230223T113309_20230223T114154_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_20230223T131437_20230223T132221_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_20230223T145342_20230223T150055_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_20230223T160827_20230223T161040_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPR_2_20230223T163257_20230223T163933_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_20230223T181135_20230223T181750_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_20230223T194958_20230223T195859_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_20230223T212652_20230223T213432_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_20230223T230620_20230223T231254_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_20230223T231254_20230223T231558_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.

0

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

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.

95

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

Alteret Fuge and Balacter Landow Fat for ow or needed 25: 0FFL SFL DFM 2 SE2207200052 2022020110010 Charles Fuge and Balacter Landow Fat for ow or needed 26: 0FFL SFL DFM 2 SE220720010010 Charles Fuge and Balacter Landow Fat for ow or needed 27: 0FFL SFL DFM 2 SE220720010010 Charles Fuge and Balacter Landow Fat for ow or needed 28: 0FFL SFL DFM 2 SE220720010011 Charles Fuge and Balacter Landow Fat for ow or needed 29: 0FFL SFL DFM 2 SE220720010011 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE220720211100111 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE2207221100112 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE2207221100112 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE2207202110012 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE2207202110012 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE22072021102012 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE22072021102012 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE22070221102012 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE22070221102012 Charles Fuge and Balacter Landow Fat for own or needed 20: 0FFL SFL DFM 2 SE22070221102012 Charles Fuge and Balacter Landow Fat for own or needed<	Product	Test Failed	Description
S2, DFT_SRT_OPM_2_S2222102210221022102210221012015 cold Allevies Range Galaxy Cold States Cold Program States Cold P	CS_OFFL_SIR_IOPM_2_20230223T000632_20230223T000749_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Bit Control Bit Statuster Cutury tartow in term on mores 25, OFFL_SIR_UOPU_2_X0000000100014_2000002110014_CU001 Control The Own Afternor Rage, SDM, SWH and Basecatter Cutury Fage 25, OFFL_SIR_UOPU_2_X0000020110014_CU001 Control Statuster Cutury Fage 25, OFFL_SIR_UOPU_2_X0000020110014_CU001 Control The Own Afternor Rage, SSM, SWH and Basecatter Cutury Fage 25, OFFL_SIR_UOPU_2_X0000020110014_CU001 Control The Own Afternor Rage, SSM, SWH and Basecatter Cutury Fage 25, OFFL_SIR_UOPU_2_X0000020110014_CU0010_CU001 Control The Own Afternor Rage, SSM, SWH and Basecatter Cutury Fage 25, OFFL_SIR_UOPU_2_X00000201100014_CU0010_CU001 Control The Own Afternor Rage, SSM, SWH and Basecatter Cutury Fage 25, OFFL_SIR_UOPU_2_X000002011000022 Control Control The Own Afternor Rage, SSM, SWH and Basecatter Cutury Fage 25, OFFL_SIR_UOPU_2_X000002011000002 Control Control The Own Afternor Rage, SSM, SWH and Basecatter Cutury Fage 26, OFFL_SIR_UOPU_2_X000002011000002 Control Control The Own Afternor Rage, SSM, SWH and Basecatter Cutury Fage 26, OFFL_SIR_UOPU_2_X000002011000000 Control The Own Afternor Rage, SSM, SWH and Basecatter Cutury Fage 26, OFFL_SIR_UOPU_2_X0000020110000000 Control Af	CS_OFFL_SIR_IOPM_2_20230223T002552_20230223T004510_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
S3 OFFL SIR LOPM 2 2023/2217015796 2021/221702195 0.001 and the 2020 Alternet Rugs and Backsetter Quality Flags take been after on a more stands. S3 OFFL SIR LOPM 2 2023/221702696 2021/221702695 0.001 Cole an Alternet Rugs 350, 40% and the 2020 Alternet Rugs and Backsetter Quality Flags take been after on a more stands. S3 OFFL SIR LOPM 2 2023/221702692 2023/221702695 0.001 Cole an Alternet Rugs 350, 40% and the 2020 Alternet Rugs and Backsetter Quality Flags take been after on a more stands. S3 OFFL SIR LOPM 2 2023/221702692 2023/221702690 0.001 Cole an Alternet Rugs 350, 40% and the 2020 Alternet Rugs and Backsetter Quality Flags take been after on a more stands. S3 OFFL SIR LOPM 2 2023/221702691 2024/221702690 0.001 Cole an Alternet Rugs 350, 40% and the backsetter Quality Flags take been after on a more stands. S3 OFFL SIR LOPM 2 2023/221702690 2021/22590 0.001 Cole an Alternet Rugs 350, 40% and the backsetter Quality Flags take been after on a more stands. S3 OFFL SIR LOPM 2 2023/221702690 2021 Cole an Alternet Rugs 350, 40% and the backsetter Quality Flags take been after on a more stands. S3 OFFL SIR LOPM 2 2023/221702590 2021 Cole an Alternet Rugs 350, 40% and the backsetter Quality Flags take been after on a more stands. S3 OFFL SIR LOPM 2 2023/221702590 2021 Cole an Alternet Rugs 350, 40% and the backsetter Quality Flags take been after on a more stands. S3 OFFL SIR LOPM 2 2023/221702590 2021 Cole an Alternet Rugs 350, 40% and the backsetter Quality Flags take been after on a more stands. S	CS_OFFL_SIR_IOPM_2_20230223T004718_20230223T005226_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Sp. OFFL_SIR_UOPM_2_02010231701200_20120231703100_0001 Imministration County, OCCOL Attention Flagme and Backstatter County, OCCOL Attention Flagme and Backstatter County, County Attention Flagme and the OCCOL Attention Flagme and Backstatter County, Flagme have been and backstatter County, County Attention Flagme and backstatter County, Flagme Attention attention Flagme and Backstatter County, Flagme Attention and flagment Flagme, SSIA, SWH and Backstatter County, Flagme and backstatter County, Flagme Attention and flagment Flagme, SSIA, SWH and Backstatter County, Flagme Attention and flagment Flagme, SSIA, SWH and Backstatter County, Flagme and flagment Flagme, SSIA, SWH and Backstatter County, Flagme Attention and flagment Flagme, SSIA, SWH and Backstatter County, Flagme Attention and flagment Flagme, SSIA, SWH and Backstatter County, Flagme Attention and flagment Flagme, SSIA, SWH and Backstatter County, Flagme Attention and flagment Flagme, SSIA, SWH and Backstatter County, Flagme have been at the coord Attenter Flagme, SSIA	CS_OFFL_SIR_IOPM_2_20230223T005744_20230223T013215_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SS OFFL_SIR_JOPM_2_2023023T023201_0230_2023T02324_0011 and Bakecatter Quality, COOL more words SS_OFFL_SIR_JOPM_2_20230221T02330_023T023234_0011 cpean Athenere Ranga and Bakecatter Quality, COOL more words SS_OFFL_SIR_JOPM_2_20230221T02330_023T023234_0011 cpean Athenere Ranga and Bakecatter Quality, Fags have been at Athenere Ranga and Bakecatter Quality, Fags have been at Athenere Ranga and Bakecatter Quality, Fags have been at Athenere Ranga and Bakecatter Quality, Fags have been at Athenere Ranga and Bakecatter Quality, Fags have been at Athenere Ranga and Bakecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga and Bakecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga and Bakecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at the COOR Athenere Ranga, SM, SMH and Bokecatter Quality, Fags have been at Athenere Ranga, SM, SMH	CS_OFFL_SIR_IOPM_2_20230223T015706_20230223T020145_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SS. OFFL_SIR_IOPM_2_20230237022386_2023023702319_0001 and Backscatter Quality Coulding. COCC SS. OFFL_SIR_IOPM_2_20230223702386_20230223702319_0001 Coccent Although Page SIA SWH and Backscatter Quality Flags have been set or one on cocces. SS_OFFL_SIR_IOPM_2_20230223702380_20230223702393_0001 Coccent Although Page SIA, SWH and Backscatter Quality Flags have been set or one on cocces. SS_OFFL_SIR_IOPM_2_20230223702380_20232702383_00233702503_0001 Cocen Although Page SIA, SWH and Backscatter Quality Flags have been set or one on cocces. SS_OFFL_SIR_IOPM_2_20230223702383_002327028538_0001 Cocen Although Page SIA, SWH and Backscatter Quality Flags have been set or one on cocces. SS_OFFL_SIR_IOPM_2_20230223702838_02237028538_0001 Cocen Although Page SIA, SWH and Backscatter Quality Flags have been set or one on cocces. SS_OFFL_SIR_IOPM_2_202302237028305_02237028538_0001 Cocen Although Page SIA, SWH and Backscatter Quality Flags have been set or one on records. SS_OFFL_SIR_IOPM_2_20230223703035_022302237030456_0001 Cocen Although Page SIA, SWH and Backscatter Quality Flags have been set or one on records. SS_OFFL_SIR_IOPM_2_2023022370310376_0023703406_0001 Cocen Although Page SIA, SWH and Backscatter Quality Flags have been set or one on records. SS_OFFL_SIR_IOPM_2_2022022370310376_002370406_0001 Cocen Although Page SIA, SWH and Backscatter Quality Flags have been set or one on records. SS_OFFL_SIR_IOPM_2_202202237034046_00201 Cocen Althuefer Page SIA, SWH and Backscatter Quality Flags have	CS_OFFL_SIR_IOPM_2_20230223T020222_20230223T022001_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backborn	CS_OFFL_SIR_IOPM_2_20230223T022306_20230223T022343_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SS 0FFL_SIR_IOPM_2_20230223T025826_20230223T025526_0001 and Backscater Quality, OCOG Attinueter Range and Backscatter Quality Rage have been after Good Attinueter Range and Backscatter Quality Rage have been after Good Attinueter Range and Backscatter Quality Rage have been after Good Attinueter Range and Backscatter Quality Rage have been after Good Attinueter Range and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage have been after Good Attinueter Range and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage have been after Good Attinueter Range and Backscatter Quality Rage have been after Good Attinueter Range and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage have been after Good Attinueter Range and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage have been after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage after Good Attinueter Range SSHA_SWH and Backscatter Quality Rage after Good Attinueter Range and Backscatter Quality Rage have been after for ono on one recor	CS_OFFL_SIR_IOPM_2_20230223T022936_20230223T023131_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
SS, DFFL, SIR, JOPM, 2, 20230223103538, 20230223103553, C001 and Backscatter Quality Classify, COCG and the COCG Allimeter Range and Backscatter Quality Flags have been advised to rear or more records SS, OFFL, SIR, JOPM, 2, 20230223103055, 202302231030743, C001 Cocan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been advised to rear or more records SS, OFFL, SIR, JOPM, 2, 202302231031506, C001 Cocan Altimeter Range and Backscatter Quality Flags have been advised to runno records SS, OFFL, SIR, JOPM, 2, 202302231031506, C001 Cocan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been advised to runno records SS, OFFL, SIR, JOPM, 2, 202302231031506, C001 Cocan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been advised to runno records SS, OFFL, SIR, JOPM, 2, 202302231031506, C001 Cocan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been advised to runno records SS, OFFL, SIR, JOPM, 2, 202302231031506, C001 Cocan Altimeter Range and Backscatter Quality Flags have been advised to runno records SS, OFFL, SIR, JOPM, 2, 202302231041640, 20230223104100, C001 Cocan Altimeter Range AGB Backscatter Quality Flags have been advised to runno records SS, OFFL, SIR, JOPM, 2, 202302231041640, 202302231041645, C001 COCGA Altimeter Range AGB Backscatter Quality Flags have been advisorator Quality Flags have been advisorator Quality Flags have been advisorator Quality, Flags AGB Backscatter Quality Flags have been advisorator Quality, Flags AGB Backscatter Quality, Flags AGB Backscatter Quality, Flags AGB Backscatter Quality,	CS_OFFL_SIR_IOPM_2_20230223T023820_20230223T025207_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
S3, OFFL_SIR_JOPM_2_20230223T030035_20230223T030743_C001 and Backscatter Quality and Backscatter Quality and backscatter Quality and backscatter Quality S3, OFFL_SIR_JOPM_2_20230223T031430_20230223T031605_Q001 Cocan Altimeter Range and Backscatter Quality The OCGA Altimeter Range and Backsc	CS_OFFL_SIR_IOPM_2_20230223T025328_20230223T025553_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SS_DFFL_SIR_JOPM_2_20230223T034505_001 Backscatter Quality tor one or more records DS_OFFL_SIR_JOPM_2_20230223T034506_C001 Ocean Atlineter Range, SSHA, SWH and Backscatter Quality, COCG The Ocean Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been afti need Frange and Backscatter Quality, COCG DS_OFFL_SIR_JOPM_2_20230223T034649_20230223T04100_C001 Ocean Atlineter Range, SSHA, SWH and Backscatter Quality, COCG The Ocean Atlineter Range, SSHA, SWH and Backscatter Quality Flags aftor one or more records DS_OFFL_SIR_JOPM_2_20230223T041042_C001 OCCG Atlineter Range Quality, OCCG The OCCG Atlineter Range and Backscatter Quality Flags have been set for one or more records DS_OFFL_SIR_JOPM_2_20230223T041042_C001 OCCG Atlineter Range Quality, OCCG The OCCG Atlineter Range and Backscatter Quality Flags have been set for one or more records DS_OFFL_SIR_JOPM_2_20230223T041143_20230223T041545_C001 OCCG Atlineter Range, SSHA, SWH and Backscatter Quality The OCCG Atlineter Range and Backscatter Quality Flags have been set for one or more records DS_OFFL_SIR_JOPM_2_20230223T041722_20230223T041226_C001 Ocean Atlineter Range, SSHA, SWH and Backscatter Quality The Ocean Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records DS_OFFL_SIR_JOPM_2_20230223T041722_20230223T041242_C001 Ocean Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more rec	CS_OFFL_SIR_IOPM_2_20230223T030035_20230223T030743_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
S2_OFFL_SIR_IOPM_2_20230223T032742_20230223T034506_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range. SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records S2_OFFL_SIR_IOPM_2_20230223T034649_20230223T041042_C001 OCGA Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set backscatter Quality The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records S3_OFFL_SIR_IOPM_2_20230223T041043_0230223T041042_C001 OCGG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records S2_OFFL_SIR_IOPM_2_20230223T041143_0230223T041545_C001 OCGG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records S2_OFFL_SIR_IOPM_2_20230223T041722_0230223T041225_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been Altimeter Range and Backscatter Quality, Flags have been set for one or more records S2_OFFL_SIR_IOPM_2_20230223T041252_0230223T04425_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been Altimeter Range and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, Flags have been altimeter R	CS_OFFL_SIR_IOPM_2_20230223T031430_20230223T031505_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
S2_OFFL_SIR_JOPM_2_20230223T034649_20230223T040100_C001 and Backscatter Quality and the COCO Altimeter Range and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality S2_OFFL_SIR_JOPM_2_20230223T040839_20230223T041042_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records S2_OFFL_SIR_JOPM_2_20230223T041143_20230223T041545_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records S2_OFFL_SIR_JOPM_2_20230223T041722_20230223T0412208_C001 OCOG Altimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records S2_OFFL_SIR_JOPM_2_20230223T041722_20230223T043208_C001 Ocean Altimeter Range, SNA, SWH and Backscatter Quality Flags have been attimeter Range ASHA, SWH and Backscatter Quality Flags have been attimeter Range and Backscatter Quality Flags have been attimeter Range ASHA, SWH and Backscatter Quality Flags have been attimeter Range ASHA, SWH and Backscatter Quality Flags ha	CS_OFFL_SIR_IOPM_2_20230223T032742_20230223T034506_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SS_OFFL_SIR_IOPM_2_202302231041043_02302231041042_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPM_2_20230223T041143_0230223T041545_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T041722_0230223T043208_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T043502_20230223T044425_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at thimeter Range, S	CS_OFFL_SIR_IOPM_2_20230223T034649_20230223T040100_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SS_OFFL_SIR_IOPM_2_20230223T041143_20230223T041345_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPM_2_20230223T041722_20230223T043208_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20230223T043502_20230223T043208_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20230223T043502_20230223T044425_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been atter for one or more records CS_OFFL_SIR_IOPM_2_20230223T051230_20230223T052349_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20230223T051230_20230223T053723_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been attimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T053852_20230223T053486_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T054641_20230223T055448_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_O	CS_OFFL_SIR_IOPM_2_20230223T040839_20230223T041042_C001	0 1	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPM_2_20230223T041722_20230223T043208_C001 and Backscatter Quality, COCG and the OCOG Altimeter Range and Backscatter Quality aset for one or more records CS_OFFL_SIR_IOPM_2_20230223T043502_20230223T043425_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20230223T051230_20230223T052349_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPM_2_20230223T051230_20230223T052349_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range, and Backscatter Quality, OCOG CS_OFFL_SIR_IOPM_2_20230223T052931_20230223T053723_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20230223T053852_20230223T054348_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T054641_20230223T055448_C001 Cocean Altimeter Range and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality Flags have been s	CS_OFFL_SIR_IOPM_2_20230223T041143_20230223T041545_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPM_2_20230223T043502_20230223T044425_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range Addite COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T054641_20230223T055448_C001 OCCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T055649_20230223T055648_C001 OCCOG Altimeter Range Qua	CS_OFFL_SIR_IOPM_2_20230223T041722_20230223T043208_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T051230_20230223T052349_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T052931_20230223T053723_C001 Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T053931_20230223T053723_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T053852_20230223T053438_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T054641_20230223T055448_C001 Ocean Altimeter Range Quality, OCOG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T055639_20230223T055448_C001 OCOG Altimeter Range Quality, OCOG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T055639_20230223T055448_C001 OCCGA Altimeter Range Quality, OCCG The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T055639_20230223T055448_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T0	CS_OFFL_SIR_IOPM_2_20230223T043502_20230223T044425_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T052931_20230223T053723_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality and the OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T053852_20230223T053852_20230223T054348_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T054641_20230223T055448_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T054641_20230223T055448_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T055639_20230223T061230_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG	CS_OFFL_SIR_IOPM_2_20230223T051230_20230223T052349_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T053852_20230223T054348_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T054641_20230223T055448_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T055639_20230223T055649_C001 Ocoan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T055639_20230223T061230_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG	CS_OFFL_SIR_IOPM_2_20230223T052931_20230223T053723_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_202302231054041_202302231059404_2001 Backscatter Quality for one or more records Dcs_OFFL_SIR_IOPM_2_20230223T055639_20230223T061230_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG	CS_OFFL_SIR_IOPM_2_20230223T053852_20230223T054348_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T055639_20230223T061230_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_IOPM_2_20230223T054641_20230223T055448_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_IOPM_2_20230223T055639_20230223T061230_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

DI OFFLER 1999 2 300022110300 2000221110301 001 Door Altered Felge Quark Coord Dis COO Altered Felge DE Bascalter Cuark Felge International Cuark Felge DE Bascalter Cuark Felge D	CS_OFFL_SIR_IOPM_2_20230223T062753_20230223T062811_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CH UPL 3R UPL 32 CO22CT15426 2021/C22C UPL 30 and Balance Turk and PL Co2A Alterner Parage and PL Co2A Alterner Parage and Balance Turk and PL Co2A Alterer Parage and Balance Turk and PL Co2A Alterner	CS_OFFL_SIR_IOPM_2_20230223T062836_20230223T062843_C001	0 1	
CL OFTLUSHLOPM 2. 2023/22/11/92/01. 32/22/22/11/92/01. 32/22/22/11/92/01. 32/22/22/11/92/22/22/11/92/22/22/11/92/22/22/11/92/22/21/92/22/11/92/22/21/92/22/21/92/22/2	CS_OFFL_SIR_IOPM_2_20230223T064858_20230223T065929_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
COUNTLENTIONAL ADJUSCIE (INVERTIGATION OF COUNT) Descenter Canty For own mem records COUNTLENTIONAL ADJUSCIESTORY COUNTS COUNTLENTION OF COUNTS The Count Anthread Regin State, St	CS_OFFL_SIR_IOPM_2_20230223T065931_20230223T072256_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Displant Section Control Residence Control Per all control models Per all control CBL OFFL_SIR_IOPAL2_8205231073558_25200221100018_0011 Data Anterior Pargo, Sibil, Sibil	CS_OFFL_SIR_IOPM_2_20230223T072524_20230223T072730_C001		
C5 OFL_SIN_JOPA_2.2023223703559_3223223708119_C001 and Badesafer Quarky, COCG Risteener Parge and Rischard County or Core Ammere Range, SSA, SWA and Badesafer Quarky, COCG Risteener Range and Rischard County or Core Ammere Range SSA, SWA and Badesafer Quarky, COCG Risteener Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BaCOCA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BacACABA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BacACABA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BacACABA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BacACABA Ministee Range SSA, SWA and Badesafer Quarky, Flags Inter-Base and BacACABA M	CS_OFFL_SIR_IOPM_2_20230223T072804_20230223T073330_C001		
CB_OFFL_SIFL_OFM_2_202302237193034_0001 And Statisticat Duality, Flags have been addressed to Duality Charge and Baskaster Duality Flags have been addressed to Duality Charge and Baskaster Duality Flags have been addressed to Duality Charge Duality, COCO CS_OFFL_SIFL_OFM_2_202302237191457_202302237191457_0001 COCO Allinetic Range, SIM, SWH and Backaster Duality Flags have been addressed to Duality, COCO CS_OFFL_SIFL_OFM_2_202302237191457_202302237194567_C0200227194567_C02000247194567_C0200227194567_C0200227194567_C02	CS_OFFL_SIR_IOPM_2_20230223T073559_20230223T080119_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Description Beside a control Beside a control Beside a control Obs. DFIL_SIR_UOPA_2_002002311041467_002100231104144_00011 Ocean Altimeter Range and Beside control Range and Besideconter Contrange and Beside control Range and Beside control Rang	CS_OFFL_SIR_IOPM_2_20230223T083247_20230223T090136_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_LOPM_2_0030022110445_001001 and Bisocontro Quinty CoCG and the OCG Alteret Rings and Bisocontro Quinty Flags have been at the own more month. CS_OFFL_SIR_LOPM_2_00200221106442_0020022110450_0001 and the OCG Alteret Rings and Bisocontro Quinty Flags have been at the own more month. CS_OFFL_SIR_LOPM_2_00200221106442_0020022110450_0001 and the OCG Alteret Rings and Bisocontro Quinty Flags have been at the own more month. CS_OFFL_SIR_LOPM_2_0020022110454_00001 Code Alteret Rings and Bisocontro Quinty Flags have been at the own more month. CS_OFFL_SIR_LOPM_2_0020022110444_00001 Code Alteret Rings and Bisocontro Quinty Flags have been at the own more month. CS_OFFL_SIR_LOPM_2_0020022110444_00001_0001 Code Alteret Rings and Bisocontro Quinty Flags have been at the own more month. CS_OFFL_SIR_LOPM_2_0020022110444_000202011 Code Alteret Rings and Bisocontro Quinty Flags have been at the own or more month. CS_OFFL_SIR_LOPM_2_0020022110444_0020201110002_0001 Code Alteret Rings and Bisocontro Quinty Flags have been at the own or more month. CS_OFFL_SIR_LOPM_2_00200221110504_00001 Code Alteret Rings and Bisocontro Quinty Flags have been at the own or more month. CS_OFFL_SIR_LOPM_2_00200221110504_00001 Code Alteret Rings and Bisocontro Quinty Flags have been at the own or more month. CS_OFFL_SIR_LOPM_2_00200221110504_00001 Code Alteret Rings and Bisocontor Quinty Flags have been at the own or more month. <	CS_OFFL_SIR_IOPM_2_20230223T090733_20230223T091334_C001		
CS_OFFL_SIR_JOPM_2_R22222105142_02222110520_0001 and Backscatter Coality COCG and the COCC Alimeter Flange and Backscatter Coality Flags have been affiniter Flags and Backscatter Coality Flags have	CS_OFFL_SIR_IOPM_2_20230223T091457_20230223T094243_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS OFFL_SIR_IOPM 2.20230223T10403_2023023T104050_0001 and the Social Minister Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPM 2.20230223T10443_20230223T105242_0023023T105242_00230223T105342_00230223T105342_00230223T105342_00230223T110000_0001 Ocean Altimeter Range SHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPM 2.20230223T105342_00230223T110300_0001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPM 2.20230223T113030_0001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPM 2.20230223T114625_00230223T115728_0001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPM 2.20230223T115728_0001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPM 2.20230223T115728_0001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPM 2.20230223T115728_0001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPM 2.20230223T115728_0001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPM 2.20230223T112524_00230223T112528_0001 OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20230223T095142_20230223T095300_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OPPL_SIR_UOPM_2_20230223T105342_20230223T11002_0001 Backscatter Quality Iter one or more records CS_OPFL_SIR_UOPM_2_20230223T105342_20230223T11002_0001 Ocean Altimeter Range SIS4A, SWH and Backscatter Quality, Clouding Altimeter Range and Backscatter Quality Flags have been altimeter Range and Backscatter Quality Flags have been altimeter Range. SSHA, SWH and Backscatter Quality, Clouding Altimeter Range, SSHA, SWH and Backscatter Quality, Clouding Altimeter Range and Backscatter Quality, Flags have been altimeter Range. SSHA, SWH and Backscatter Quality, Flags have been altimeter Range. SSHA, SWH and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, State and the OCGA Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, Cloud Altimeter Range and Backscatter Quality, State and the OCGA Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, State and the OCGA Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, Cloud Altimeter Range and Backscatter Quality, State and the OCGA Altimeter Range, SSHA, SWH and Backscatter Quality, Cloud Altimeter Range and Backscatter Quality, State and the OCGA Altimeter Range and Backscatter Quality, Flags have been and the OCGA Altimeter Range and Backscatter Quality, Flags have been and the OCGA Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been and the OCGA Altimeter Range and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, Cloud Altimeter Range and Backscatter Quality, Cloud Altimeter Range and Backscatter Quality, Cloud Altimeter Range Quality, COCG Altimeter Range Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T140505	CS_OFFL_SIR_IOPM_2_20230223T100700_20230223T104050_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPM_2_20230223T105342_20230223T110002_0001 and Backscatter Quality, OCOG and Backscatter Quality, OCOG CS_OFFL_SIR_JOPM_2_20230223T113103_20230223T113009_0001 Ceen Altimeter Range, SSHA, SWH The OCean Altimeter Range, SSHA, SWH CS_OFFL_SIR_JOPM_2_20230223T11303_002023T113009_0001 Ceen Altimeter Range, SSHA, SWH The OCean Altimeter Range, SSHA, SWH CS_OFFL_SIR_JOPM_2_20230223T114625_20230223T115738_0001 Ceen Altimeter Range, SSHA, SWH The OCean Altimeter Range, SSHA, SWH CS_OFFL_SIR_JOPM_2_20230223T115732_00230223T122029_0001 Ceen Altimeter Range, SSHA, SWH The OCean Altimeter Range, SSHA, SWH CS_OFFL_SIR_JOPM_2_20230223T1125245_00230223T122029_0001 Ceen Altimeter Range, SSHA, SWH The OCean Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_20230223T125245_00230223T125241_0001 COGO Altimeter Range, SSHA, SWH The OCean Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_20230223T123242_0230223T125241_0001 COGO Altimeter Range, SSHA, SWH The OCean Altimeter Range and Backscatter Quality, COGO CS_OFFL_SIR_JOPM_2_20230223T123242_0230223T125241_0001 Coean Altimeter Range, SSHA, SWH The OCean Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_20230223T140601_0001 COGO Altimeter Range Quality, COGO The OCean Altimeter Range an	CS_OFFL_SIR_IOPM_2_20230223T104643_20230223T105213_C001		
CS_OFFL_SIR_IOPM_2_20230223T11309_20230223T11309_C001 and Backscatter Quality COCOA Attemeter Range and Backscatter Quality CoCOA and the OCCOA Attemeter Range, and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T115732_20230223T115728_C001 Ocean Attimeter Range, SSHA, SWH The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T115732_20230223T115732_20230223T1122029_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T122054_20230223T122059_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T122054_20230223T122059_C001 OCOGA Attimeter Range, SHA, SWH and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T122054_20230223T125241_C001 OCCOGA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T12324_20230223T125241_C001 OCCOA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T142432_20230223T145825_C001 OCCOA Attimeter Range Cuality, COCOB The OCCOA Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T142432_20230223T145625_0201 OCCOA Attimeter Range Cuality, COCOB The OCCOA Attimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T140606_20230223T145653_20230223T145653_20230223T14564_CO01 O	CS_OFFL_SIR_IOPM_2_20230223T105342_20230223T110002_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T114282_20230223T115728_C001 and Backscatter Quality, COCG and the OCOG Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20230223T115732_20230223T1122029_C001 Ceean Altimeter Range, SSHA, SVH The Ocean Altimeter Range, SSHA, SVH CS_OFFL_SIR_IOPM_2_20230223T122545_20230223T122029_C001 CoCG Altimeter Range Quality, COCG The Ocean Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T122545_20230223T122545_20230223T122545_20230223T125241_C001 CoCG Altimeter Range, SSHA, SVH The Ocean Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T123234_20230223T125241_C001 Ceean Altimeter Range, SSHA, SVH The Ocean Altimeter Range, SSHA, SVH CS_OFFL_SIR_IOPM_2_20230223T132432_20230223T132632_0021 Ceean Altimeter Range, SSHA, SVH The Ocean Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T132432_20230223T135825_0001 Ceean Altimeter Range, SSHA, SVH The Ocean Altimeter Range, SSHA, SVH and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T140122_20230223T140647_C001 COCG Altimeter Range Quality, OCCG The OCean Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T140666_20230223T140661_C001 COCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20230223T14	CS_OFFL_SIR_IOPM_2_20230223T113103_20230223T113309_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T115732_20230223T122029_C001 and Backscatter Quality_OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T122545_20230223T125241_C001 OCOG 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, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T140553_20230223T140601_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_20230223T141055_20230223T141065_0230223T141065_0230223T141000_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality <td< td=""><td>CS_OFFL_SIR_IOPM_2_20230223T114625_20230223T115728_C001</td><td>and Backscatter Quality, OCOG</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></td<>	CS_OFFL_SIR_IOPM_2_20230223T114625_20230223T115728_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T12245_20230223T125241_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPM_2_20230223T123234_20230223T125241_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPM_2_20230223T132432_20230223T135825_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPM_2_20230223T140122_20230223T140547_C001 Ocean 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_20230223T140553_20230223T140601_C001 OCCGA Altimeter Range Quality, OCCG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T140606_20230223T140601_C001 OCCGA Altimeter Range Quality, OCCG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141155_20230223T141645_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141650_20230223T141645_C001 Ocean Al	CS_OFFL_SIR_IOPM_2_20230223T115732_20230223T122029_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T123234_20230223T125241_C001 and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality and the OCG Altimeter Range and Backscatter Quality Flags set for one or more records CS_OFFL_SIR_IOPM_2_20230223T132432_20230223T135825_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, OCCG The Ocean Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T140122_20230223T140547_C001 OCCG Altimeter Range Quality, OCCG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T140553_20230223T140601_C001 OCCG Altimeter Range Quality, OCCG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T140606_20230223T140601_C001 OCCG Altimeter Range Quality, OCCG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141066_20230223T141000_C001 OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141155_20230223T141645_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG	CS_OFFL_SIR_IOPM_2_20230223T122545_20230223T123100_C001		
CS_OFFL_SIR_IOPM_2_20230223T132432_20230223T135825_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality and the OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T140122_20230223T140547_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_20230223T140553_20230223T140601_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_20230223T140606_20230223T140601_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_20230223T140606_20230223T141000_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141650_20230223T141645_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, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and B	CS_OFFL_SIR_IOPM_2_20230223T123234_20230223T125241_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T140122_20230223T140547_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPM_2_20230223T140553_20230223T140601_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T140606_20230223T141000_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141055_20230223T141000_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141155_20230223T141645_C001 Ocean Altimeter Range, SSHA, SWH 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_20230223T141650_20230223T144822_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T14465_20230223T144652_001 OCCOG Altimeter Range Quality, OCCOG The OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or m	CS_OFFL_SIR_IOPM_2_20230223T132432_20230223T135825_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20230223T140505_20230223T140501_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPM_2_20230223T140606_20230223T141000_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141155_20230223T141645_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG CS_OFFL_SIR_IOPM_2_20230223T141650_20230223T144822_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG The Ocean Altimeter Range and Backscatter Quality Flags have been ast for one or more records CS_OFFL_SIR_IOPM_2_20230223T144045_20230223T144825_20230223T145535_2001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_IOPM_2_20230223T140122_20230223T140547_C001		
CS_OFFL_SIR_IOPM_2_20230223T140606_20230223T141000_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPM_2_20230223T141155_20230223T141645_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range and Backscatter Quality Flags have been at the CCOG Altimeter Range	CS_OFFL_SIR_IOPM_2_20230223T140553_20230223T140601_C001		
CS_OFFL_SIR_IOPM_2_20230223T141155_20230223T141645_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141650_20230223T144822_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T141650_20230223T144822_C001 Ocean Altimeter Range and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20230223T144945_20230223T144945_20230223T145235_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_IOPM_2_20230223T140606_20230223T141000_C001		
CS_OFFL_SIR_IOPM_2_20230223T141650_20230223T144822_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been ocog Altimeter Range Quality, OCOG OCOG Altimeter Range Quality, OCOG	CS_OFFL_SIR_IOPM_2_20230223T141155_20230223T141645_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_IOPM_2_20230223T141650_20230223T144822_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_IOPM_2_20230223T144945_20230223T145235_C001		

CS_OFFL_SIR_IOPM_2_20230223T150811_20230223T151526_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_20230223T152008_20230223T152316_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_20230223T152432_20230223T153751_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_20230223T153929_20230223T154447_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_20230223T154506_20230223T154701_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_20230223T155515_20230223T160826_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_20230223T161041_20230223T162235_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 Attimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPM_2_20230223T164523_20230223T164544_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_20230223T165004_20230223T170028_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_20230223T170208_20230223T171707_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_20230223T171856_20230223T172359_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_20230223T173231_20230223T173331_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_20230223T173939_20230223T174433_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_20230223T175041_20230223T175420_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_20230223T175543_20230223T180252_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 Attimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPM_2_20230223T183430_20230223T185614_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 Attimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPM_2_20230223T185917_20230223T190316_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_20230223T190323_20230223T190331_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_20230223T190338_20230223T190550_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_20230223T190923_20230223T193600_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_20230223T200559_20230223T200600_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_20230223T201011_20230223T203548_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_20230223T203706_20230223T204231_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_20230223T204237_20230223T204603_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_20230223T204838_20230223T212206_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_20230223T215315_20230223T220613_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

C3 OFL BIN JOPM 2. 2023/2237224593 BE20022371224591 COID Bit		Ocean Altimeter Range, SSHA, SWH	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
De JUFL_SH_UPFL_2.02202271222741_20220227122240_202027122240_202027122240_202027122446_2021 Deals Attracter Range SH_A SVH and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Backscatter Cualty Flags New Been Allow Control Attracter Range and Allow Control Attracter Range and Allow Control Allow Cont	CS_OFFL_SIR_IOPM_2_20230223T220858_20230223T221531_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SR_UPM_2_20230221122274_00200221122224_0001 And the OCG Alteret Regins and Backstellar Qualty DB_OFFL_SR_UPM_2_20230221121584_00200221123144_0001 Alterete Regins and Backstellar Qualty Into Cogn Alterete Regins and Backstellar Qualty DB_OFFL_SR_UPM_2_20230221123146_0001 DCGA Alteret Regins and Backstellar Qualty Into Cogn Alterete Regins and Backstellar Qualty DB_OFFL_SR_UPM_2_20230221123144_0001 DCGA Alteret Regins and Backstellar Qualty Into Cogn Alterete Regins and Backstellar Qualty Reg Nave been at to circle and the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at to circle and the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and Backstellar Qualty Reg Nave been at the Cogn Alterete Regins and	CS_OFFL_SIR_IOPM_2_20230223T221708_20230223T222510_C001		
05.0FR_SIR_IOPM_2_00300231723158, 0203022317231546, 0001 and the Solocattry Coulity, Flog have been after one or more records. 05.0FR_SIR_IOPM_2_003002317231549, 020302231723511_0001 COCG Alterneter Range and Backscatter Coulity Flog have been after one or more records. 05.0FR_SIR_IOPM_2_002002217231459, 020302231723511_0001 Cocen Alterneter Range, SSHA, SVH The OCGG Alterneter Range, SSHA, SVH and Backscatter Coulity Flog have been after one or more records. 05.0FR_SIR_IOPM_2_00200221705227_012320221705550_0011 Cocen Alterneter Range, SSHA, SVH and Backscatter Coulity Flog have been after one or more records. 05.0FR_SIR_IOPM_2_00200221705270_01232021705550_0011 Cocen Alterneter Range, SSHA, SVH and Backscatter Coulity Flog have been after one or more records. 05.0FR_SIR_IOPM_2_00200221706270_012302217062506_0001 Cocen Alterneter Range Coulity. Cocen Alterneter Range and Backscatter Coulity Flog have been after one or more records. 05.0FR_SIR_IOPM_2_002002217061267_000202317061268_0001 COCGO Alterneter Range Coulity.Cocen Alterneter Range and Backscatter Coulity Flog have been after one or more records. 05.0FR_SIR_IOPN_2_00200201706148_0001 Cocen Alterneter Range.SHA, SVH and Backscatter Coulity Flog have been after one or more records. 05.0FR_SIR_IOPN_2_00200201706148_0001 Cocen Alterneter Range.SHA, SVH and Backscatter Coulity Flog have been after one or more records. 05.0FR_SIR_IOPN_2_00200201706148_0001 Cocen Alterneter Range.SHA, SVH and Backscatter Coulity Flog have been after one or more records.	CS_OFFL_SIR_IOPM_2_20230223T222741_20230223T230225_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Control Description Backscatter Quality for one or more records CS_OFFL_SIR_JOPM_2_20230223T234445_20230223T23551_0001 Chean Altimeter Range, SHA, SWH, and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_20230223T025270 Coston Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_20230223T0222100 Coston Altimeter Range Quality, COCG The Coston Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_20230223T0222100 CO203Altimeter Range Quality, COCG The COCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_20230223T064547_20230223T064289_CO01 COCGA Altimeter Range Quality, COCG The COCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_20230223T064547_20230223T064489_CO01 COCGA Altimeter Range SIAS, SWH and Backscatter Quality Flags have been set for one or more records The Cocen Altimeter Range, SIAS, SWH and Backscatter Quality Flags have been set for dear anter more seconds CS_OFFL_SIR_JOPM_2_20230223T061459_2020023T061406_CO01 Cocen Altimeter Range, SIAS, SWH and Backscatter Quality Flags have been set for dear anter more seconds The Cocen Altimeter Range, SIAS, SWH and Backscatter Quality Flags have been set for dear anter more seconds CS_OFFL_SIR_JOPM_2_20230223T106159_2020023T1064506_CO01 COCGA Al	CS_OFFL_SIR_IOPM_2_20230223T231558_20230223T231646_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPM_2_0230223T34445_8233223T35511_C001 and Backscatter Quality COGG and the COGG Altimeter Range and Backscatter Quality Flags have been Altimeter Range SHA, SWH and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter Quality Flags have been and the COGG Altimeter Range and Backscatter	CS_OFFL_SIR_IOPM_2_20230223T233409_20230223T233515_C001		
CS_OFFL_SIR_IOPN_2_20230223T022700_202323T022936_0001 and Badsscatter Quality, COCG and the doce or more records CS_OFFL_SIR_IOPN_2_20230223T022700_202320223T022936_0001 OCCA Alimeter Range Quality, COCG The OCCGA Alimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T040547_20230223T040539_C001 OCCGA Alimeter Range Quality, COCG The OCCGA Alimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T040547_20230223T040549_C001 OCCGA Alimeter Range SISH, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T081439_C001 Occen Alimeter Range SISH, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T081439_20230223T081439_C001 Occen Alimeter Range SISH, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T112524_C001 OCCCA Alimeter Range SISH, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T112524_C001 OCCCA Alimeter Range Quality, OCCG The OCCGA Alimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T112524_C001 OCCCA Alimeter Range Quality, OCCG The OCCGA Alimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T112524_C001 OCCCA Alimeter Range Quality, OCCG	CS_OFFL_SIR_IOPM_2_20230223T234445_20230223T235511_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
US_OFFL_SIR_IOPN_2_00230223T040547_20230223T040839_0001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPN_2_00230223T040547_20230223T040839_0001 OCOG Allimeter Range Quality, OCOG The OCOG Allimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_00230223T081413_00230223T081439_0001 OCean Allimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Allimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_00230223T081439_00201 OCOG Allimeter Range Quality, OCOG The OCOG Allimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_0230223T112439_00230223T112502_0001 OCOG Allimeter Range Quality, OCOG The OCOG Allimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_00230223T112224_00230223T112502_0001 OCOG Allimeter Range Quality, OCOG The OCOG Allimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_00230223T112224_00230223T112545_0001 OCean Allimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_00230223T19475_0001 Ocean Allimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_00230223T194754_0001 Ocean Alimeter Range, SNA, SWH and Backscatter Quality Flags have been set for one or more rec	CS_OFFL_SIR_IOPN_2_20230223T005227_20230223T005540_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPN_2_20230223T081439_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPN_2_20230223T081439_C001 Octam Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at bit or one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been at bit or one or more records CS_OFFL_SIR_IOPN_2_20230223T081439_C001 Octam Altimeter Range and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPN_2_20230223T081539_20230223T081605_C001 CCean Altimeter Range SSHA, SWH and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPN_2_20230223T112502_C001 OCOG Altimeter Range Quality, OCOG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T122244_20230223T112545_C001 OCOG Altimeter Range Quality, OCOG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T131437_C001 DCGG Altimeter Range Quality, OCOG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T131437_C001 DCGA Altimeter Range Quality, OCOG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T131437_C001 CCGA Altimeter Range Quality, OCOG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more reco	CS_OFFL_SIR_IOPN_2_20230223T022700_20230223T022936_C001		
CS_OFFL_SIR_IOPN_2_0230223T081413_20230223T081439_C001 and Backscatter Quality, COCG and the OCGG Altimeter Range and Backscatter Quality, COCG CS_OFFL_SIR_IOPN_2_0230223T081539_20230223T081509_C001 Cocan Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_IOPN_2_0230223T081539_20230223T11250_C001 Cocan Altimeter Range, Cocan Altimeter Range, Cocan Altimeter Range and Backscatter Quality The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_0230223T112439_20230223T112504_C001 CocGa Altimeter Range Quality, COCG The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_0230223T11240_20230223T112504_C001 Cocan Altimeter Range, SSHA, SWH The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_0230223T131437_C001 Cocan Altimeter Range, SSHA, SWH The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_0230223T194765_C001 Cocan Altimeter Range Coulity, COCG The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_0230223T194762_C001 Cocan Altimeter Range Coulity, COCG The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_0230223T194762_C001 Cocan Altimeter Range Coulity, COCG The OCGG Altimeter Range	CS_OFFL_SIR_IOPN_2_20230223T040547_20230223T040839_C001		
CS_OFFL_SIR_IOPN_2_20230223T081539_20230223T112592_0230223T112502_C001 and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Set for one or more records CS_OFFL_SIR_IOPN_2_20230223T112439_20230223T112502_C001 DCOG Altimeter Range Quality, CCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T12224_20230223T122545_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T131240_20230223T131437_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T194626_20230223T194745_C001 Ocean Altimeter Range Quality, OCOG Backscatter Quality The OCOC Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T194626_20230223T194745_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records The OCOCA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T10450_20230223T104514_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COOG Altimeter Range and Backscatter Quality, COOG Altimeter Range and Backscatter Quality, COOG Alti	CS_OFFL_SIR_IOPN_2_20230223T081413_20230223T081439_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPN_2_20230223T12224_20230223T122545_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPN_2_20230223T12224_20230223T122545_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T131430_20230223T131437_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T194626_20230223T194745_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T194626_20230223T194745_C001 OCOG Altimeter Range Quality, OCCO Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T204603_20230223T204724_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range ASHA, SWH and Backs	CS_OFFL_SIR_IOPN_2_20230223T081539_20230223T081605_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPN_2_20230223T12224_20230223T131437_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPN_2_20230223T131240_20230223T131437_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T194626_20230223T194745_C001 OCCGA Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T204603_20230223T204724_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T104050_20230223T104314_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20230223T104050_20230223T104314_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records Cs_OFFL_SIR_IOPR_2_20230223T1130313_20230223T114154_C001 Ocean Altimeter Range, SSHA, SWH <td>CS_OFFL_SIR_IOPN_2_20230223T112439_20230223T112502_C001</td> <td></td> <td></td>	CS_OFFL_SIR_IOPN_2_20230223T112439_20230223T112502_C001		
CS_OFFL_SIR_IOPN_2_20230223T131240_20230223T131437_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been act for one or more records CS_OFFL_SIR_IOPN_2_20230223T194626_20230223T194745_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set 	CS_OFFL_SIR_IOPN_2_20230223T122224_20230223T122545_C001		
CS_OFFL_SIR_IOPN_2_20230223T194026_20230223T194745_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPN_2_20230223T204603_20230223T204724_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags ard the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hard Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altime	CS_OFFL_SIR_IOPN_2_20230223T131240_20230223T131437_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPN_2_20230223T204603_20230223T204724_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality set for one or more records CS_OFFL_SIR_IOPR_2_20230223T104050_20230223T104314_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 hand the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hand the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hand backscatter Quality, OCOG Altimeter Range and Backscatter Quality, SCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20230223T113309_20230223T114154_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hand the OCOG Altimeter Range and Backscatter Quality Flags hand the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hand backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags hand backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags hand backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags hand the OCOG Altimeter	CS_OFFL_SIR_IOPN_2_20230223T194626_20230223T194745_C001		
CS_OFFL_SIR_IOPR_2_20230223T104050_20230223T104314_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20230223T113309_20230223T114154_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_20230223T130313_20230223T130631_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20230223T130313_20230223T130631_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20230223T130631_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags set for one or more records	CS_OFFL_SIR_IOPN_2_20230223T204603_20230223T204724_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPR_2_20230223T113309_20230223T114154_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPR_2_20230223T130313_20230223T130631_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality, OCOG The Ocean Altimeter Range and Backscatter Quality Flags have been Ocean Altimeter Range and Backscatter Quality, OCOG Ocean Altimeter Range and Backscatter Quality Flags The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags	CS_OFFL_SIR_IOPR_2_20230223T104050_20230223T104314_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPR_2_20230223T130313_20230223T130631_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags	CS_OFFL_SIR_IOPR_2_20230223T113309_20230223T114154_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_IOPR_2_20230223T130313_20230223T130631_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPR_2_20230223T235511_20230223T235518_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

L2 Quality Flags (20 Hz 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.

85

Product	Test Failed	Description
CS_OFFL_SIR_IOPN_2_20230223T000750_20230223T000912_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 OFFE SIR TOPN 2 202302231002349 202302231002551 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_20230223T004602_20230223T004718_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

CH, DH, LH, OH, Z. MORZETTANI, CONTROL MARKEN, CARL COO Antract Progr Carl Marcen Trace Control Marken Progr Carl Marcen Trace Control Marken Progr Carl Marken Pr	CS_OFFL_SIR_IOPN_2_20230223T020145_20230223T020222_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
COUNT CONTLONG COUNT MODEL CONTROL MODEL COUNT CONTLONG COUNT MODEL <td>CS_OFFL_SIR_IOPN_2_20230223T023131_20230223T023709_C001</td> <td></td> <td></td>	CS_OFFL_SIR_IOPN_2_20230223T023131_20230223T023709_C001		
Integrational Control DOCG Basesset Cashy Integrational Control CG_OFFL_SFL_OFU_OFU_2_RE32621762649_2022201762642_0001 DOCG Allenses Resp. Codel (PHL) The COCG Regine and Secondary Codely Fage Secondary Fage CG_OFFL_SFL_OFU_2_RE3262176272_RE326221762643_0001 Develop Allenses Resp. Code (PHL) The Cocgo Allenses Resp. Code (PHL) CG_OFFL_SFL_OFU_2_RE3262176272_RE326221762643_001 Develop Allenses Resp. Code (PHL) The Cocgo Allenses Resp. SSL4_S SWH and Backetary Codely Fage Resp. Sol4_S Resp. Code (PHL) CG_OFFL_SFL_OFU_2_RE33623776264_302001 Develop Allenses Resp. Code (PHL) The Cocgo Allenses Resp. SSL4_S SWH and Backetary Codely Fage Resp. Sol4_S Resp. Code (PHL) CG_OFFL_SFL_OFU_2_RE336237766444_302000176644_0001 DEVELoP Allenses Resp. Code (PHL) The Cocgo Allenses Resp. SSL4_S SWH and Backetary Code (PHL) CG_OFFL_SFL_OFU_2_RE336237766445_2001 DEVELoP Allenses Resp. Code (PHL) The Cocgo Allenses Resp. SSL4_S SWH and Backetary Code (PHL) CG_OFFL_SFL_OFU_2_RE336237766445_2001 DOCG Allenses Resp. Code (PHL) The Cocgo Allenses Resp. SSL4_S SWH and Backetary Code (PHL) CG_OFFL_SFL_OFU_2_RE33623776445_2001 DOCG Allenses Resp. Code (PHL) The Cocgo Allenses Resp. Code (PHL) CG_OFFL_SFL_OFU_2_RE33623776445_2001 DOCG Allenses Resp. Code (PHL) The Cocgo Allenses Resp. Code (PHL) CG_OFFL_SFL_OFU_2_RE336232777644_200	CS_OFFL_SIR_IOPN_2_20230223T032221_20230223T032726_C001		
CH. UPL ON L. & BORDER J. BORDER BORDER J. 2000 (2001) CODE BORDER For Sept. S	CS_OFFL_SIR_IOPN_2_20230223T044426_20230223T044656_C001		
CS_OFTL_BR_IDPN_2_2020227103092_001 Modelshame Codity PLN_COCOL Mile Material Codity PLN_COCOL CS_OFTL_BR_IDPN_2_2020227104093_0001 CCCOL Americe Range Codity PLN_COCOL The Codity PLN_COCOL CS_OFTL_BR_IDPN_2_2020227104093_0001 CCCOL Americe Range Codity PLN_COCOL The Codity PLN_COCOL CS_OFTL_BR_IDPN_2_2020227104093_0001 CCCOL Americe Range Codity PLN_COCOL The Codity PLN_COCOL CS_OFTL_BR_IDPN_2_2020227104093_0001 CCCOL Americe Range Codity PLN_COCOL The Codity PLN_COCOL CS_OFTL_BR_IDPN_2_2020227104093_0001 CCCOL Americe Range Codity PLN_COCOL The COCOL Americe Range Codity PLN_COCOL CS_OFTL_BR_IDPN_2_2020227104093_0001 CCCCOL Americe Range Codity PLN_COCOL The COCOL Range of Backaster Codity PLN_COCOL CS_OFTL_BR_IDPN_2_2020227104092_0001 CCCCOL Americe Range Codity PLN_COCOL The COCOL Range of Backaster Codity PLN_COCOL CS_OFTL_BR_IDPN_2_2020227110409_0001 CCCCOL Americe Range Codity PLN_COCOL The COCOL Range of Backaster Codity PLN_COCOL CS_OFTL_BR_IDPN_2_20202227110409_0001 CCCCOL Americe Range Codity PLN_COCOL The COCOL Range of Backaster Codity PLN_COCOL CS_OFTL_BR_IDPN_2_20202227110409_0001 CCCCOL Americe Range Codity PLN_COCOL The COCOL Range of Backaster Codity PLN_COCOL CS_OFTL_BR_IDPN_2_20202227110409_0001 CCCCOL Americe Range Codity PLN_COCOL The COCO	CS_OFFL_SIR_IOPN_2_20230223T052349_20230223T052931_C001		
Co OFFL SIR JOFFL 2 JO20220110416 J22022110408 [C011] COCG Baseline Galay Construction Cocg GFL SIR JOFFL 2 J020222110408 [J22022110408 [C011] COCG Baseline Galay Cocg GFL SIR JOFFL 2 J020222110408 [J22022110408 [C011] COCG Baseline Galay Cocg GFL SIR JOFFL 2 J020222110408 [J22022110408 [C011] COCG Baseline Galay Cocg GFL SIR JOFFL 2 J020222110408 [J22022110408 [C011] COCG Baseline Galay Cocg GFL SIR JOFFL 2 J020222110408 [J22022110408 [C011] COCG Baseline Galay Cocg GFL SIR JOFFL 2 J020222110408 [J22022110408 [C011] COCG GFL SIR JOFFL 2 J020222111141 [C011] COCG GFL SIR JOFFL 2 J020222111142 [C011] COCG GFL SIR JOFFL 2 J020222111142 [C011] COCG GFL SIR JOFFL 2 J020222111142 [C011] COCG GFL SIR JOFFL 2 J020222111244 [C01	CS_OFFL_SIR_IOPN_2_20230223T053723_20230223T053852_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
D5_0FTL_SIR_UOPL_2_30232231104048_302312231104048_002110211041 mail Baskszater Dualsy PLML CODE Amount in Baskszater Dualsy PLML CODE CODE Amount in Baskszater Dualsy PLML CODE CODE CAmount in Baskszater Dualsy PLML CODE Amount in Baskszater Dualsy PLML The CODE Amount in Baskszater Dualsy PLML The CODE	CS_OFFL_SIR_IOPN_2_20230223T062151_20230223T062531_C001		
CODG Backscater Qualty FLML From encode F	CS_OFFL_SIR_IOPN_2_20230223T064046_20230223T064638_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Open Person Composition Occor Restauction Occor Restauction 05. OFFL_SIR_IOPN_2_00230223T08104_0001 OCCG Restauction The OCCIR Region of Restauction Coulty Flags 05. OFFL_SIR_IOPN_2_00230223T1041615_002022T1104643_0001 OCCG Restauction The OCCIR Region of Restauction Coulty Flags 05. OFFL_SIR_IOPN_2_00230223T11104_0001 OCCG Restauction The OCCIR Region of Restauction Coulty Flags 05. OFFL_SIR_IOPN_2_00230223T11104_0001 OCCG Restauction The OCCIR Region of Restauction Coulty Flags 05. OFFL_SIR_IOPN_2_00230223T11104_0001 OCCG Restauction Coulty Flags The OCCIR Region Restauction Coulty Flags 05. OFFL_SIR_IOPN_2_00230223T112040_0001 OCCG Afrinetine Range Coulty PLRM, COCIR Restauction Coulty Flags The OCCIR Region Restauction Coulty Flags 05. OFFL_SIR_IOPN_2_00230223T12204_00012023T12224_0001 OCCG Afrinetine Range Coulty PLRM, COCIR Restauction Coulty Flags The OCCIR Region Restauction Coulty Flags have been set for one or more records 05. OFFL_SIR_IOPN_2_00230223T122101_0120223T123224_0001 OCCIR Restauction Coulty Flags The OCCIR Region Restauction Coulty Flags have been set for one or more records 05. OFFL_SIR_IOPN_2_00230223T123101_0120223T123224_0001 OCCIR Restauction Coulty Flags The OCCIR Region Restauction Coulty Flags have been set for one or more records 05. OFFL_SIR_IOPN_2_00230223T123101_012022	CS_OFFL_SIR_IOPN_2_20230223T072337_20230223T072524_C001		
CS_OPPL_SPL_OPPL_Add2421101105_02202231104643 (2001 OCODE Backscatter Quality Imore recodes CS_OPPL_SPL_OPPL_2_202302231104643 (2001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range and Backscatter Quality Flags have been part RM CS_OPPL_SPL_OPPL_2_2023022311104643 (2001) OCODE Backscatter Quality PLBQ The OCODE Backscatter Quality PLBQ CS_OPPL_SPL_OPPL_2_202302231112449_202302231112502_0001 OCODE Backscatter Quality PLBQ The OCODE Backscatter Quality PLBQ CS_OPPL_SPL_OPPL_2_202302231112502_0001 OCODE Backscatter Quality PLBQ The OCODE Backscatter Quality Flags have been set for one or more recodes CS_OPPL_SPL_OPPL_2_20230223112254_0001 OCOE Backscatter Quality PLBQ The OCODE Backscatter Quality Flags have been set for one or more recodes CS_OPPL_SPL_OPPL_2_20230223112254_0001 OCOE Backscatter Quality PLBQ The OCOE Backscatter Quality Flags have been set for one or more recode CS_OPPL_SPL_OPPL_2_20230223112254_0001 OCOE Backscatter Quality PLBQ The OCOE Backscatter Quality Flags have been set for one or more recode CS_OPPL_SPL_OPPL_2_20230223112569_0001 OCOE Backscatter Quality PLBQ The OCOE Backscatter Quality Flags have been set for one or more recode CS_OPPL_SPL_OPPL_2_20230223112569_0001 OCOE Backscatter Quality PLBQ The OCOE Backscatter Quality Flags have been set for one or more recode	CS_OFFL_SIR_IOPN_2_20230223T080354_20230223T080511_C001		
GS_OFFL_SIR_IOPN_2_20230231104315_20230231104465_0001 Ind Baskaster Quality FLips, QCOM Ind Buskaster Quality FLips, Sun Sun and Baskaster Quality FLips, Sun Sun And Sun Sun And Sun	CS_OFFL_SIR_IOPN_2_20230223T081054_20230223T081143_C001		
CB_OFF_SIR_IOPN_2_2023023111269_20230231112502_C001 COCG Backscatter Quality PLRM. The OCCG Bange and Backscatter Quality Flags have been set for one or more records CB_OFF_SIR_IOPN_2_202302231122224_202302231122545_C001 COCG Altimeter Range Quality PLRM. The OCCG Bange and Backscatter Quality Flags have been set for one or more records CS_OFF_SIR_IOPN_2_202302231122224_202302231122224_202302231122224_202302231122224_202302231122224_202302231122224_202302231122224_2001 COCG Altimeter Range Quality PLRM. The OCCG Bange and Backscatter Quality Flags have been set for one or more records CS_OFF_SIR_IOPN_2_202302231122241_202302231122040_2023023112400_20230231131437_C001 COCCG Altimeter Range Quality PLRM. The OCCG Bange and Backscatter Quality Flags have been set for one or more records CS_OFF_SIR_IOPN_2_20230223113140_202302231131437_C001 COCCG Altimeter Range Quality PLRM. The OCCG Bange and Backscatter Quality Flags have been set for one or more records CS_OFF_SIR_IOPN_2_20230223113140_202302231131437_C001 COCCG Altimeter Range SIA: SWH and Backscatter Quality Flags have been set for one or more records The OCCG Bange and Backscatter Quality Flags have been set for one or more records CS_OFF_SIR_IOPN_2_202302231130502_20230231140122_0001 Altimeter Range Cuality FLRM. The OCCG Bange and Backscatter Quality Flags have been set for one or more records CS_OFF_SIR_IOPN_2_202302231163041_202302231163042_20230231163042_20230231163042_20230231163042_20230233116304_2001 COCCG Altimeter Range Quality FLRM. The OCCG Bange	CS_OFFL_SIR_IOPN_2_20230223T104315_20230223T104643_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
DS_OPEL_SIR_IOPEL_20230223112824_20230223112824_0001 OCOG Backscater Quality more records OS_OPEL_SIR_IOPEL_2.0230223112224_20230223112824_0001 OCOG Alimeter Range Quality PLRM, OCOG Backscater Quality The OCOG Range and Backscater Quality Flags have been set for one or more records OS_OFEL_SIR_IOPEL_2.0230223112824_0001 OCOG Alimeter Range Quality PLRM, OCOG Backscater Quality The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_IOPEL_2.02302231131420_202302231131437_C001 OCOG Alimeter Range Quality PLRM, OCOG Backscater Quality The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_IOPEL_2.02302231131437_C001 OCOG Alimeter Range SHA, SWH and Backscater Quality PLRM, OCOG Backscater Quality The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_IOPEL_2.02302231131437_C001 OCOG Alimeter Range, SHA, SWH and Backscater Quality The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_IOPEL_2.02302231140122_C001 OCOG Alimeter Range Quality PLRM, PLRM The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_IOPEL_2.02012_20114012_2.0202231140122_C001 OCOG Alimeter Range Quality PLRM, PLRM The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_IOPEL_2.0202302231140122_C001 OCOG Alimeter Range Quality	CS_OFFL_SIR_IOPN_2_20230223T111154_20230223T111248_C001		
US_OFFL_SIR_IOPN_2_20230223T123101_20230223T123224_C001 OCOG Backscatter Quality more records OS_OFFL_SIR_IOPN_2_20230223T123211_20230223T123224_C001 OCOG Alimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_IOPN_2_20230223T125241_20230223T125290_C001 OCOG Alimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_IOPN_2_20230223T131240_20230223T131437_C001 Ocean Alimeter 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 OS_OFFL_SIR_IOPN_2_20230223T131240_20230223T131437_C001 Ocean Alimeter 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 OS_OFFL_SIR_IOPN_2_20230223T141002_20230223T140122_C001 OCOG Alimeter Range Quality PLRM, OCOG 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 OS_OFFL_SIR_IOPN_2_20230223T141002_20230223T141100_C001 OCOG Alimeter Range Quality PLRM, OCOG 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 OS_OFFL_SIR_IOPN_2_20230223T164653_20230223T165004_C001 OCOG Backscatter Quality PLRM, OCOG Backscat	CS_OFFL_SIR_IOPN_2_20230223T112439_20230223T112502_C001		
US_OFFL_SIR_JOPN_2_202302231125101_202302231125241_2023022311252609_0001 OCOG Backscatter Quality more records OS_OFFL_SIR_JOPN_2_202302231125241_202302231125609_0001 OCOG Attimeter Range Quality PLRM, OCOG Attimeter Range, SSHA, SWH The Ocean Attimeter Range, SSHA, SWH The Ocean Attimeter Range, SSHA, SWH OS_OFFL_SIR_JOPN_2_202302231131437_0001 Ocean Attimeter Range, SSHA, SWH The Ocean Attimeter Range, SSHA, SWH The Ocean Attimeter Range, SSHA, SWH OS_OFFL_SIR_JOPN_2_202302231131437_0001 Ocean Attimeter Range, SSHA, SWH The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or OS_OFFL_SIR_JOPN_2_20230223114000_202302231140102_0001 OCOG Attimeter Range Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or OS_OFFL_SIR_JOPN_2_20230223114000_202302231141110_0001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set for one or OS_OFFL_SIR_JOPN_2_202302231163041_202302231163041_0020302231163041_0020302231163041_0020302231163041_0020302231165004_0001 OCOG Attimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_JOPN_2_202302231164653_202302231165004_0001 OCOG Attimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_IOPN_2_20230223T122224_20230223T122545_C001		
CS_OFFL_SIR_IOPN_2_202302231129649_0001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_202302231131240_202302231131437_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality FLM, OCOG Altimeter Range and Backscatter Quality FLGM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202302231135932_202302231140122_C001 Mitmeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223114100_202302231140122_C001 Mitmeter Range and Backscatter Quality PLGM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202302231141100_202302231141110_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202302231163041_202302231163042_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202302231163041_202302231163042_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202302231178331_202302231173440_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202302231173331_202302231173938_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_O	CS_OFFL_SIR_IOPN_2_20230223T123101_20230223T123224_C001		
CS_OFFL_SIR_IOPN_2_20230223T131240_20230223T131437_C001 and Backscatter Quality PLRM, COCG Inter Range and Backscatter Quality PLRM, COCG CS_OFFL_SIR_IOPN_2_20230223T1315932_20230223T140122_C001 Altimeter Range and Backscatter Quality PLRM, OCOG The OCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T140100_20230223T140122_C001 OCGG Altimeter Range and Backscatter Quality PLRM, OCGG The OCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T141100_20230223T141110_C001 OCGG Altimeter Range Quality PLRM, OCGG Antimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T163041_20230223T163257_C001 OCGG Altimeter Range Quality PLRM, OCGG Antimeter Range Quality PLRM, OCGG Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T164653_20230223T163044_C001 OCGG Altimeter Range Quality PLRM, OCGG Antimeter Range Quality PLRM, OCGG Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T164653_20230223T163044_C001 OCGG Altimeter Range Quality PLRM, OCGG Antimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T164653_20230223T163404_C001 OCGG Altimeter Range Quality PLRM, OCGG Antimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T173331_20230223T173336_C001 OCGG Altime	CS_OFFL_SIR_IOPN_2_20230223T125241_20230223T125609_C001		
CS_OFFL_SIR_IOPN_2_20230223T135932_20230223T140122_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The OCOG Altimeter Range, SLAA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T141000_20230223T141110_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_20230223T163041_20230223T163257_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_20230223T163041_20230223T163064_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_20230223T163057_00230223T165004_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_20230223T173331_20230223T173440_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_20230223T173657_20230223T173938_C001 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 have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T174446_20230223T174934_C001 OC	CS_OFFL_SIR_IOPN_2_20230223T131240_20230223T131437_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPN_2_20230223T141100_20030223T141110_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20230223T163041_20230223T163257_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_20230223T164653_20230223T165004_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_20230223T165004_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_20230223T173331_20230223T173440_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_20230223T173657_20230223T173938_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T173938_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter	CS_OFFL_SIR_IOPN_2_20230223T135932_20230223T140122_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPN_2_20230223T163031_20230223T163257_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20230223T164653_20230223T165004_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T173331_20230223T173440_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T173657_20230223T173938_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T173657_20230223T173938_C001 Occog Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T173657_20230223T173938_C001 OCCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T174446_20230223T174934_C001 OCCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T174446_20230223T174934_C001 OCCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T1816622_20230223T174934_C001 OCCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPN_2_20230223T141000_20230223T141110_C001		
CS_OFFL_SIR_IOPN_2_20230223T1646553_20230223T165004_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20230223T173331_20230223T173340_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_20230223T173657_20230223T173938_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T173657_20230223T173938_C001 OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T174446_20230223T174934_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T178446_20230223T174934_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T186622_20230223T181134_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPN_2_20230223T163041_20230223T163257_C001		
CS_OFFL_SIR_IOPN_2_20230223T17333T_20230223T173440_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20230223T173657_20230223T173938_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality FLRM CS_OFFL_SIR_IOPN_2_20230223T174446_20230223T174934_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T174446_20230223T174934_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T181134_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPN_2_20230223T164653_20230223T165004_C001		
CS_OFFL_SIR_IOPN_2_20230223T173657_20230223T173938_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ind Bockscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20230223T174446_20230223T174934_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_20230223T180622_2023023T181134_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPN_2_20230223T173331_20230223T173440_C001		
CS_OFFL_SIR_IOPN_2_2023022311/4446_2023022311/4934_C001 OCOG Backscatter Quality more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_IOPN_2_20230223T173657_20230223T173938_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_IOPN_2_20230223T174446_20230223T174934_C001		
	CS_OFFL_SIR_IOPN_2_20230223T180622_20230223T181134_C001		

CS_OFFL_SIR_IOPN_2_20230223T182723_20230223T183114_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_20230223T193813_20230223T193938_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_20230223T194415_20230223T194537_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_20230223T194626_20230223T194745_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_20230223T200601_20230223T200751_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_20230223T213432_20230223T213508_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_20230223T230225_20230223T230347_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_20230223T230445_20230223T230620_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_20230223T231828_20230223T231951_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_20230223T233225_20230223T233409_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_20230223T233620_20230223T233725_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_20230222T235253_20230223T000321_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_20230223T000933_20230223T001217_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_20230223T001435_20230223T001644_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_20230223T013319_20230223T013410_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_20230223T013533_20230223T014221_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_20230223T014221_20230223T015706_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_20230223T030928_20230223T031148_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_20230223T031207_20230223T031230_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_20230223T031505_20230223T031631_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_20230223T031641_20230223T032031_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_20230223T032031_20230223T032221_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_20230223T045450_20230223T045543_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_20230223T045603_20230223T050130_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_20230223T050446_20230223T050921_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_20230223T051034_20230223T051229_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_20230223T061511_20230223T062018_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_20230223T062018_20230223T062025_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_20230223T063405_20230223T064046_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_20230223T072256_20230223T072337_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_20230223T081439_20230223T081539_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_20230223T094957_20230223T095142_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_20230223T095300_20230223T100301_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_20230223T104050_20230223T104314_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_20230223T112652_20230223T112948_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_20230223T113309_20230223T114154_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_20230223T114406_20230223T114507_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_20230223T130100_20230223T130126_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_20230223T130631_20230223T131240_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_20230223T131437_20230223T132221_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_20230223T145342_20230223T150055_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_20230223T150311_20230223T150810_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_20230223T151526_20230223T152007_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_20230223T154859_20230223T155515_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_20230223T160827_20230223T161040_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_20230223T162235_20230223T162454_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_20230223T162454_20230223T163040_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_20230223T163257_20230223T163933_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_20230223T181135_20230223T181750_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_20230223T183254_20230223T183430_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_20230223T194958_20230223T195859_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_20230223T212652_20230223T213432_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_20230223T213737_20230223T213916_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_20230223T230348_20230223T230418_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_20230223T230620_20230223T231254_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_20230223T234146_20230223T234445_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records
L2 Quality Flags (1 Hz & 1 Hz PLRM)		
Currently, there are several common flags raised in the Level 2 products, whi	ch are summarised below.	
> 1 Hz and 1 Hz Ocean SSHA Quality Flags: These flags are currently set for pro	ducts over sea ice, which is to be expecte	d. The number of products with this error flag set is given below.
Number of products with errors: 174		
5.8 L2 Ocean Retracking Quality Check		
L2 Retracking Flags (20 Hz)		
CryoSat L2 data includes an ocean retracking quality flag for each 20 Hz measuren	nent record. The bit value of this flag indica	tes any problems when set.
> Ocean Retracking Quality Flag: This flag is currently set for products over land	and sea ice, but this is to be expected. Th	e number of products with this error flag set is given below.
Number of products with errors: 53		
L2 Retracking Flags (20 Hz PLRM)		
CryoSat L2 data includes an ocean retracking quality flag for each 20 Hz PLRM me		
> Ocean Retracking Quality Flag (PLRM): This flag is currently set for products le given below.	OPR and IOPN products over sea ice, but	this is to be expected. The number of products with this error flag set is
Number of products with errors: 133		
6. IOP L2 P	ole-to-Pole Data Quality	Check
6.1 P2P Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to ensu	re it consists of both an XML header file (.F	IDR) 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 SPI	H in order to identify any inconsistencies a	nd/or errors raised by the ground-segment processing chain.
Number of products with errors: 0		ана станата страна учени страната россана у станата.
6.3 P2P Auxiliary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with respect to a pre-det Number of products with errors: 0	ermined baseline and also to check the va	lidity of Auxiliary Data Files is correct.
6.4 P2P Auxiliary Correction Error Check		
For all products, the auxiliary corrections within the Geophysical Group are checked		
Currently, there are some common auxiliary correction errors raised in the Le followed by a table highlighting any additional issues which may arise from t		to surface type. All common flags are summarised in the list below,
> ECMWF Meteo Corrections: Currently the following corrections are not compute Correction and the U-Wind and V-Wind components of the ECMWF model wind ve not reported in the table below.		
> Sea State Bias & Sea State Bias PLRM: The error value is currently set for proc	ducts over sea ice, but this is to be expected	ed.
> Mean Sea Surface: The error value is currently set for products over land and set	ea ice, but this is to be expected.	
> Mean Dynamic Topography: The error value is currently set for products over la	and and sea ice, but this is to be expected.	
> Altimetric Wind Speed Error: The error value is currently set for products over I	and and sea ice, but this is to be expected	l.
Number of products with errors: 30		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_2_20230222T231222_20230223T000200_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_220230223T000200_20230223T005137_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_220230223T005137_20230223T014115_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_20230223T014115_20230223T023051_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_220230223T023051_20230223T032029_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_20230223T032029_20230223T041006_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_20230223T041006_20230223T045944_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_20230223T045944_20230223T054921_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), 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), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_IOP_220230223T054921_20230223T063859_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_220230223T063859_20230223T072836_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_20230223T072836_20230223T081814_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_20230223T081814_20230223T090750_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_20230223T090750_20230223T095728_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_20230223T095728_20230223T104705_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_20230223T104705_20230223T113643_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_220230223T113643_20230223T122620_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_20230223T122620_20230223T131558_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_20230223T131558_20230223T140534_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_20230223T140534_20230223T145512_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_20230223T145512_20230223T154449_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_20230223T154449_20230223T163427_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_20230223T163427_20230223T172404_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_20230223T172404_20230223T181342_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_20230223T181342_20230223T190319_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_20230223T190319_20230223T195257_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_220230223T195257_20230223T204233_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_20230223T204233_20230223T213211_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_20230223T213211_20230223T222148_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_20230223T222148_20230223T231126_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_20230223T231126_20230224T000103_C002	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)

6.5 P2P Measurement Confidence Data Check

CryoSat P2P data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

0

6.6 P2P Measurement Quality Flag Check							
P2P Quality Flags (20 Hz)							
CryoSat P2P data includes Quality Flags for ea	ch 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.						
Since the P2P Quality Flags are copied direct below.	ctly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected. The number of P2P products affected is given						
Number of products with errors:	29						
P2P Quality Flags (20 Hz PLRM)							
Since the P2P Quality Flags are copied direct below.	ctly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected. The number of P2P products affected is given						
Number of products with errors:	28						
P2P Quality Flags (1 Hz & 1 Hz PLF	RM)						
Since the P2P Quality Flags are copied direct below.	ctly from the L2 Quality Flags, please see Section 5.6 for the number of L2 products affected. The number of P2P products affected is given						
Number of products with errors:	30						

6.8 P2P Ocean Retracking Quality Check

P2P Retracking Flags (20 Hz)

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.

25

30

2075

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	193	193	2	191	0
SIR_IOPR1B	117	105	0	105	0
SIR_IOPN1B	105	117	0	117	0
SIR_IOPM_2	193	193	144	49	0
SIR_IOPR_2	117	105	42	63	0
SIR_IOPN_2	105	117	45	71	1
SIR_IOP_P2P	29	29	0	28	1

7.1 QCC Errors

Number of QCC reports with e	rrors:	8								
				Total number	of occurrences	of each error				
Product Type RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_IOPR_2 1	1	1	1							
Product Type RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_IOP_2_ 1	1	1	1							

Test Description Key:					
Abbreviation	Test name	Details			
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7			
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7			
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7			
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7			

7.2 QCC Warnings

Number of QCC reports with warnings

SRL OPM 16 01 0 0 0 0 0 SRL OPM 2 0 0 39 36 1 44 0 SRL OPM 16 14 0 0 0 0 0 0 SRL OPN 2 0 0 0 0 0 0 0 SRL OPN 2 0 1 0 34 6 26 28 SRL OPN 2 0 1 20 35 1 17 18 Product Type RESCORCEPROF RLFTONCOF REEPORTONCOF REEPORTONCOF REEPORTONCOF REEPORTONCOF 0 0 0 0 SRL OPN 2 39 0 1 28 0		BOOLINODE		Total num	MUOEDNODE		DD070D05D5DU055	PP070P05P5P5
SIN JOPNU 2 SIN JOPNU 5 0 0 39 38 1 44 0 SIN JOPNU 2 SIN JOPNU 5 0<	Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRM
SIR JOPN JB Ind 0 0 0 0 0 0 0 SIR JOPN JD 115 0 0 0 0 0 0 0 SIR JOPN JD 115 0 0 0 0 0 0 0 0 SIR JOPN JD 0 1 20 35 1 17 18 Product Type RES20POEPNCDF RLPTONCDF RELEPOTONCDF REPOPFDLANANCE REPOPFDLANANCE REPOPFDLANANCE REPOPFDPLANANCE REPOPFDPL	_		°		l"	0	-	-
SIR IOPR 2 0 0 10 34 6 26 28 SIR IOPR 3 115 0 0 0 0 0 SIR IOPR 3 RSPOREPAC ILPONDEF REPORTOF REPORTOF<		-	0			1		-
SIR_OPPL8 15 0 0 0 0 0 0 SIR_OPPL8 0 1 20 35 1 17 18 Product Type RESCOPCEPNCOF RLPONCOF RRLPONCOF RRLPONCOF RPEOPFDLRMNCOF RPEOPFDLRMSARCE/PEPOPFDLMSINCOF/PEPOPFDLMSINCOF PEPOPFDLMSINCOF PEPOPFDLMSINCOF RPEOPFDLMSINCOF RUMAL 39 0 1 28 0 <td>SIR_IOPN1B</td> <td></td> <td>0</td> <td></td> <td>-</td> <td>0</td> <td></td> <td>-</td>	SIR_IOPN1B		0		-	0		-
SIR_OPR 2 0 1 20 35 1 17 18 Product Type Rescore RLPTONCOF RLPTONCOF RLPTONCOF RPEOPFDLRMSARCC RPEOPFDLRMSARCC SIR_IOPM 18 0 0 0 0 0 0 0 0 SIR_IOPM 2 39 0 1 28 0 0 0 0 SIR_IOPM 2 39 0 1 28 0 0 0 0 SIR_IOPM 2 12 8 0 0 0 0 0 0 0 0 0 0 SIR_IOPM 2 10 6 0	SIR_IOPN_2	0	0			6		
Product Type RBSZOPCEPNCDF RLPTONCDF RHELPOTONCDF RPEPOPFDLRMINCDF RSSHAOFDACF	SIR_IOPR1B	115	0	0	0	0	0	0
SR_LOPM/IB 0	SIR_IOPR_2	0	1	20	35	1	17	18
SIR_LOPM.19 0 0 0 0 0 0 0 0 SIR_LOPM.2 39 0 1 28 0 0 0 0 0 SIR_LOPN.B 0	Product Type	RBSZOPOEPNCDF	RLPTONCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNC		DIRPEPOPFDSARNCDF
SIR_OPM_2 99 0 1 28 0 0 0 0 SIR_OPN1B 0 <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>		0	0	0	0	0	0	0
SIR_OPNIB 0	-		0	1	28	0	0	0
SIR_IOPN_2 12 8 0 0 0 15 0 SIR_IOPR_2 10 10 6 0 32 0 39 Product Type RPEPOFDSINCDF RPEPOPLEMMCDF RPEPOPSARCOF RPEPOPSINCDF RSSMAOFDPLEMM SIR_IOPR_2 0 0 0 0 0 32 0 39 SIR_IOPR_2 0			0	0	0	0	-	0
SIR_OPR_2 0 0 0 0 0 0 0 0 0 33 Product Type RPEOPFSINCDF RPEPOPLSINNCDF RPEPOPLSINNCDF RPEPOPLSINNCDF RSSHAOFDUCEP RSSAOFDUC			8	-	0	0	-	0
SIR_IOPR_2 10 10 6 0 32 0 39 Product Type RPEOPDSINNCDF RPEOPPLANNCDF RPEOPPSANNCDF RPEOPOSINNCDF RSSHAOFDALRINK SIR_IOPM_2 0			-		•	0		0
Product Type RPEPOPESINNCDF RPEPOPESINNCDF RPEPOPESINNCDF RSSHAOFDACPF RSSHAOFDACPF SIR_IOPM1B 0 <td>_</td> <td></td> <td>•</td> <td></td> <td>*</td> <td>-</td> <td></td> <td>°</td>	_		•		*	-		°
SIR_IOPMIB 0	SIR_IUPR_2	10	10	0	0	32	U	39
SIR_IOPM_2 0 25 0 0 6 32 0 SIR_IOPM_1B 0 0 0 0 0 0 0 SIR_IOPM_2 33 0 0 0 0 0 0 0 SIR_IOPM_1B 0 0 35 0 2 52 32 Product Type RSSHAONCDF RSWHOEPFDNCDF RSWHOEPFDLRMICDF SPHRTASCNSNCDF SOOHHIFHD SCSTODHRNCDF SIR_IOPM_2 0 37 0 5 0 0 0 0 SIR_IOPM_2 10 37 0 5 0 0 0 0 SIR_IOPM_2 25 31 30 12 1 0 0 117 0<	Product Type	RPEPOPFDSINNCDF	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCD
SIR_IOPNIB 0 0 0 0 0 0 0 0 SIR_IOPN2 33 0 0 25 9 44 48 SIR_IOPR1B 0 0 0 0 0 0 0 SIR_IOPR2 0 0 35 0 2 52 32 Product Type RSHAONCDF RSWHOEPFDNCDF RSWHOEPPCPLRIMNCDF SPHRTASCNSNCDF SOOHHFHD SCSTODHRNCDF SIR_IOPM2 10 0	SIR_IOPM1B	0	0	0	0	0	0	0
SIR_IOPN_2 33 0 0 25 9 44 48 SIR_IOPR1B 0 0 0 0 0 0 0 0 SIR_IOPR1B 0 0 35 0 2 52 32 32 Product Type RSMAORDF RSWHOEPFDNCDF RSWHOEPFDPLRMNCDF RSWHOEPPCDRDF SPHRTASCNSNCDF SOOHHIFHD SCSTOHRNCDF SIR_IOPM1B 0	SIR_IOPM_2	0	25	0	0	6	32	0
SIR_IOPR1B SIR_IOPR2 0	SIR IOPN1B	0	0	0	0	0	0	0
SIR_IOPR_IB 0 <th< td=""><td>SIR IOPN 2</td><td>33</td><td>0</td><td>0</td><td>25</td><td>9</td><td>44</td><td>48</td></th<>	SIR IOPN 2	33	0	0	25	9	44	48
SIR_IOPR_2 0 35 0 2 52 32 Product Type RSWHOOPFDNCDF RSWHOEPFDLRMNCDF RSWHOEPFCDF SPHRTASCNSNCDF SOOHHIFD SCSTODHRNCDF SIR_IOPM_2 10 37 0<		0	0	0	0	0	0	0
Product Type RSSHAONCDF RSWHOEPFDNCDF RSWHOEPFDPLRMNCDF RSWHOEPFDCDF SPHRTASCNSNCDF SOOHHIFHD SCSTODHRNCDF SIR_IOPM_2 0 <td></td> <td></td> <td>0</td> <td>35</td> <td>0</td> <td>2</td> <td>52</td> <td>32</td>			0	35	0	2	52	32
SIR_IOPM1B 0		-	-		•	1-		
SIR_OPM_2 10 37 0 5 0 0 0 0 SIR_OPN1B 0 0 0 0 0 0 0 48 SIR_OPN2 25 31 30 12 1 0 0 SIR_OPR1B 0 0 0 0 0 0 0 0 0 SIR_OPR1B 0 0 0 0 0 0 0 0 0 0 SIR_OPR1B 0 0 0 0 0 0 0 117 0 0 117 SIR_IOPR2 9 23 35 2 0 4 0 Product Type IOHHMOOR MVIOEPFDNCDF MVIOEPNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDRLRMNCD RBSZOPOEPFDRLRMSINNCD/RBSZOPOEPTDICDF RSSCOPOEPFDRLRMSINCD/RBSZOPOEPTDICDF RSSCOPOEPFDRLRMSINCD/RBSZOPOEPTDICDF RSSCOPOEPFDRLCDF RSSHAOFDNCDF		RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF
SIR_OPN1B 0 0 0 0 0 48 SIR_OPN2 25 31 30 12 1 0 0 SIR_OPN1B 0 0 0 0 0 0 0 0 SIR_OPR1B 0 0 0 0 0 0 117 0 0 117 SIR_OPR2 9 23 35 2 0 4 0 Product Type IOHHMOOR MVIOEPFDNCDF MVIOEPCP RBSZOPOEPFDNCDF RBSZOPOEPFDLRMNCUTRBSZOPOEPNCDF SIR_IOP_2_ 15 27 28 8 29 18 29 Product Type RLPTONCDF RNELPOTNCDF RPEPOPFDPLRMNCDF RPEPOPSINNCDF RSSCONCDF RSSHAOFDNCDF SSHAOFDNCDF SIR_IOP_2_ 13 6 16 27 21 15 29 Product Type RSSHAOFDLRMNCDF RSWHOEPFDPLRMNCDF RSWHOEPRCDF SPHLPQWNCDF - - - </td <td>SIR_IOPM1B</td> <td>0</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	SIR_IOPM1B	0	-	0	0	0	0	0
SIR_OPN_2 25 31 30 12 1 0 0 SIR_OPR1B 0 0 0 0 0 0 0 117 SIR_OPR2 9 23 35 2 0 4 0 Product Type IOHIMOOR MVIOEPFDNCDF MVIOEPRDCF MVIONCDF RBSZOPOEPFDNCDF RBSZOPOEPFDPLRMNCE RBSZOPOEPFD	SIR_IOPM_2	10	37		5	0	0	0
SIR_IOPR1B 0 0 0 0 0 117 SIR_IOPR_2 9 23 35 2 0 4 0 Product Type IOHHMOOR MVIOEPFDNCDF MVIOEPCDF MVIOCDF RBSZOPOEPFDNCDF RSSHAOFDNCDF SSHI_OOP_2_1 15 29 15 29 15 29 16 15 29 16 16 <th1< td=""><td>SIR_IOPN1B</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>48</td></th1<>	SIR_IOPN1B	0	0	0	0	0	0	48
SIR_OPR_2923352040Product TypeIOHHMOORMVIOEPFDNCDFMVIOEPNCDFMVIONCDFRBSZOPOEPFDNCDFRBSZOPOEPFDPLRMNCTRBSZOPOEPNCDFSIR_IOP_2_1527288291829Product TypeRLPTONCDFRNELPOTONCDFRPEPOPFDPLRMSINNCD(RPEPOPFDSINNCDFRPEPOPSINNCDFRSSBCONCDFRSSHAOFDNCDFSIR_IOP_2_1361627211529Product TypeRSSHAOFDPLRMNCDFRSWHOEPFDNCDFRSWHOEPFDPLRMNCDFSPHLPQWNCDF-SIR_IOP_2_1824291915291Product TypeSIR_IOP_2_1824291915291Product TypeSIR_IOP_2_101011Hoescription Key:	SIR_IOPN_2	25	31	30	12	1	0	0
Product Type IOHHMOOR MVIOEPFDNCDF MVIOEPNCDF MVIONCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF SIR_IOP_2_ 15 27 28 8 29 18 29 Product Type RLPTONCDF RNELPOTONCDF RPEPOPFDPLRMSINNCD/RPEPOPFDSINNCDF RPEPOPSINNCDF RSSBCONCDF RSSHAOFDNCDF SIR_IOP_2_ 13 6 16 27 21 15 29 Product Type RSSHAOFDPLRMNCDF RSSHAOFDPLRMNCDF RSWHOEPFDNCDF RSWHOEPFDNCDF RSWHOEPFDNCDF SPHLPQWNCDF - SIR_IOP_2_ 18 24 29 19 15 29 - Product Type - - - - - - - - SIR_IOP_2_ 18 24 29 19 15 29 -	SIR_IOPR1B	0	0	0	0	0	0	117
SIR_IOP_2 15 27 28 8 29 18 29 Product Type RLPTONCDF RNELPOTONCDF RPEPOPFDPLRMSINNCD(RPEPOPFDSINNCDF RPEPOPSINNCDF RSSBCONCDF RSSHAOFDNCDF SIR_IOP_2 13 6 16 27 21 15 29 Product Type RSSHAOFDPLRMNCDF RSSHAOFDPLRMNCDF RSWHOEPFDPLRMNCDF RSWHOEPFDPLRMNCDF SPHLPOWNCDF - Product Type RSSHAOFDPLRMNCDF RSSHAONCDF RSWHOEPFDPLRMNCDF RSWHOEPFDPLRMNCDF SPHLPOWNCDF - SIR_IOP_2 18 24 29 19 15 29 Product Type · · · · · · · SIR_IOP_2 18 24 ·	SIR_IOPR_2	9	23	35	2	0	4	0
SIR_IOP_2_ 15 27 28 8 29 18 29 Product Type RLPTONCDF RNELPOTONCDF RPEPOPFDPLRMSINNCD(RPEPOPFDSINNCDF RPEPOPSINNCDF RSSBCONCDF RSSHAOFDNCDF SPHLPQWNCDF -	Product Type	IOHHMOOR	MVIOEPEDNCDE	MVIOEPNODE	MVIONCDE	BBSZOPOEPEDNCDE		
Product Type RLPTONCDF RNELPOTONCDF RPEPOPFDPLRMSINNCD(RPEPOPFDSINNCDF RPEPOPSINNCDF RSSBCONCDF RSSHAOFDNCDF SIR_IOP_2_ 13 6 16 27 21 15 29 Product Type RSSHAOFDPLRMNCDF RSSHAONCDF RSWHOEPFDNCDF RSWHOEPFDPLRMNCDF SPHLPQWNCDF - SIR_IOP_2_ 18 24 29 19 15 29 Product Type - - - - - SIR_IOP_2_ 18 24 29 19 15 29 Product Type - - - - - -	Floudet Type				MITIONODI			
SIR_IOP_2 13 6 16 27 21 15 29 Product Type RSSHAOFDPLRMNCDF RSSHAONCDF RSWHOEPFDNCDF RSWHOEPFDPLRMNCDF SPHLPQWNCDF • <t< td=""><td>SIR IOP 2</td><td>15</td><td>27</td><td>28</td><td>18</td><td>20</td><td></td><td></td></t<>	SIR IOP 2	15	27	28	18	20		
Product Type RSSHAOFDPLRMNCDF RSSHAONCDF RSWHOEPFDNCDF RSWHOEPFDPLRMNCDF SPHLPQWNCDF - SIR_IOP_2 18 24 29 19 15 29 - <t< td=""><td>SIR_IOP_2_</td><td>15</td><td>27</td><td>28</td><td>8</td><td>29</td><td>18</td><td>29</td></t<>	SIR_IOP_2_	15	27	28	8	29	18	29
Note of ype 18 24 29 19 15 29 Product Type · · · · · · SIR_IOP_2_ · · · · · · SIR_IOP_2_ · · · · · · st Description Key: · · · · ·				•		ł		
SIR_IOP_2 18 24 29 19 15 29 Product Type • • • • • • SIR_IOP_2 • • • • • • SIR_IOP_2 • • • • • • st Description Key: Details Details	Product Type	RLPTONCDF	RNELPOTONCDF	RPEPOPFDPLRMSINNCD		RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF
Product Type - - - - SIR_IOP_2_ - - - - st Description Key: - - -	Product Type SIR_IOP_2_	RLPTONCDF 13	RNELPOTONCDF 6	RPEPOPFDPLRMSINNCD	27	RPEPOPSINNCDF 21	RSSBCONCDF 15	RSSHAOFDNCDF
SIR_IOP_2_ Image: Control of the second	Product Type SIR_IOP_2_ Product Type	RLPTONCDF 13 RSSHAOFDPLRMNCDF	RNELPOTONCDF 6 RSSHAONCDF	RPEPOPFDPLRMSINNCD 16 RSWHOEPFDNCDF	27 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 21 RSWHOEPNCDF	RSSBCONCDF 15 SPHLPQWNCDF	RSSHAOFDNCDF
st Description Key: breviation Test name Details	Product Type SIR_IOP_2_ Product Type	RLPTONCDF 13 RSSHAOFDPLRMNCDF	RNELPOTONCDF 6 RSSHAONCDF	RPEPOPFDPLRMSINNCD 16 RSWHOEPFDNCDF	27 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 21 RSWHOEPNCDF	RSSBCONCDF 15 SPHLPQWNCDF	RSSHAOFDNCDF
previation Test name Details	Product Type SIR_IOP_2_ Product Type SIR_IOP_2_	RLPTONCDF 13 RSSHAOFDPLRMNCDF	RNELPOTONCDF 6 RSSHAONCDF	RPEPOPFDPLRMSINNCD 16 RSWHOEPFDNCDF	27 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 21 RSWHOEPNCDF	RSSBCONCDF 15 SPHLPQWNCDF	RSSHAOFDNCDF
breviation Test name Details	Product Type SIR_IOP_2_ Product Type SIR_IOP_2_ Product Type	RLPTONCDF 13 RSSHAOFDPLRMNCDF	RNELPOTONCDF 6 RSSHAONCDF	RPEPOPFDPLRMSINNCD 16 RSWHOEPFDNCDF	27 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 21 RSWHOEPNCDF	RSSBCONCDF 15 SPHLPQWNCDF	RSSHAOFDNCDF
	Product Type SIR_IOP_2 Product Type SIR_IOP_2 Product Type SIR_IOP_2	RLPTONCDF 13 RSSHAOFDPLRMNCDF 18 -	RNELPOTONCDF 6 RSSHAONCDF	RPEPOPFDPLRMSINNCD 16 RSWHOEPFDNCDF	27 RSWHOEPFDPLRMNCDF	RPEPOPSINNCDF 21 RSWHOEPNCDF	RSSBCONCDF 15 SPHLPQWNCDF	RSSHAOFDNCDF
CHNCDE Puret Counter Charged to the provide burget counter charged to the provide burget counter	Product Type SIR_IOP_2_ Product Type SIR_IOP_2_ Product Type SIR_IOP_2_ t Description Key	RLPTONCDF 13 RSSHAOFDPLRMNCDF 18	RNELPOTONCDF 6 RSSHAONCDF	RPEPOPFDPLRMSINNCD 16 RSWHOEPFDNCDF	27 RSWHOEPFDPLRMNCDF 19 -	RPEPOPSINNCDF 21 RSWHOEPNCDF	RSSBCONCDF 15 SPHLPQWNCDF	RSSHAOFDNCDF
The burst counter should be one higher with regard to the previous burst counter	Product Type SIR_IOP_2_ Product Type SIR_IOP_2_ Product Type SIR_IOP_2_ t Description Key	RLPTONCDF 13 RSSHAOFDPLRMNCDF 18	RNELPOTONCDF 6 RSSHAONCDF	RPEPOPFDPLRMSINNCD 16 RSWHOEPFDNCDF	27 RSWHOEPFDPLRMNCDF 19 -	RPEPOPSINNCDF 21 RSWHOEPNCDF	RSSBCONCDF 15 SPHLPQWNCDF	RSSHAOFDNCDF

IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RLPTONCDF	RangeLongPeriodTideOceanNetCDF	The Long period tide height should be between -50mm and 50mm (or missing) for surface type = ocean - NetCDF
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSAR 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 F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPFDPLRMNC DF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0