

QA4EO Daily Report for IOP data:

<u>02/04/2021</u>

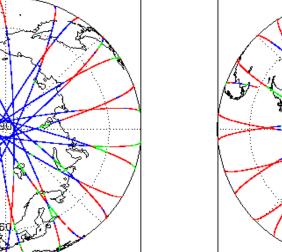
	06 4== 2024	Check	L1 & L2	P2P
Report Production:	06-Apr-2021	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Duccesser Lined		Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Intermediate Ocean Products (IOP)	Product Format Check	Nominal	Nominal
Data Used:	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7
		QCC Error/ Warning Check	See Section 7.1 and 7.2	See Section 7.1 and 7.2

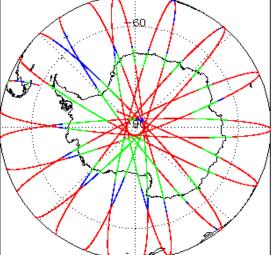
1. Overview

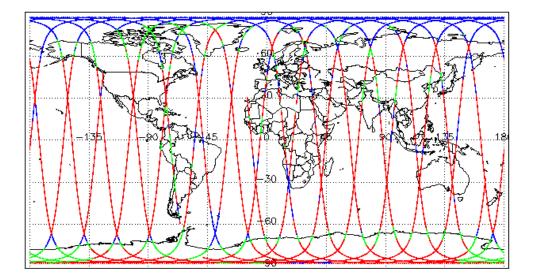
Mission / Instru	ment News
01-Apr-2021	None
02-Apr-2021	None
03-Apr-2021	Nothing planned

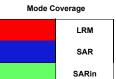
2. Global Coverage











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

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

4.2 L1B Product Header Analysis		
For all products, a series of pre-defined checks are performed on the M	PH and SPH in order to identify any inco	onsistencies and/or errors raised by the ground-segment processing chain.
L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set OSARIn chains. A modification is required in the next release.	t all L1B IOPR and IOPN products becau	use the I1b_processing_quality_hr field is not correctly configured in the OSAR and
Number of products with errors: 0		
4.3 L1B Auxilary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with respect t	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 error flag for each measuremen	It record. The bit value of this flag indica	tes any problems when set.
Number of products with errors: 0	C C	
4.5 L1B Measurement Confidence Data Check		
CryoSat L1B data includes a measurement confidence flag for each me	easurement record. The bit value of this	lag indicates any problems when set.
Attitude Correction Missing: This flag is currently set in error for IOPF	R products due to a configuration issue.	This is being investigated and will be updated in the next SW update.
Number of products with errors: 1		
Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20210402T020719_20210402T022008_C00	1 Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
4.6 L1B Waveform Group Data Check		
CryoSat L1B data includes a waveform data flag for each measurement	t record. The bit value of this flag indicat	
	the bit value of this hag indicat	es any problems when set.
Loss of Echo Flag: This flag is currently set for products over land, but	-	es any problems when set.
	-	es any problems when set.
Number of products with errors: 15	-	es any problems when set. Description
Number of products with errors: 15 Product	t this is to be expected.	
Number of products with errors: 15 Product CS_OFFL_SIR_IOPM1B_20210402T080556_20210402T081946_C000	t this is to be expected. Test Failed 1 Loss of Echo	Description
Number of products with errors: 15 Product 15 CS_OFFL_SIR_IOPM1B_20210402T080556_20210402T081946_C001 15 CS_OFFL_SIR_IOPN1B_20210402T024217_20210402T024440_C001 15	Test Failed 1 Loss of Echo 1 Loss of Echo	Description The tracking echo is missing for one or more records
Number of products with errors: 15 Product 15 CS_OFFL_SIR_IOPM1B_20210402T080556_20210402T081946_C001 16 CS_OFFL_SIR_IOPN1B_20210402T024217_20210402T024440_C001 16 CS_OFFL_SIR_IOPN1B_20210402T041849_20210402T042321_C001 16	Test Failed 1 Loss of Echo 1 Loss of Echo 1 Loss of Echo	Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records
Number of products with errors: 15 Product 0 CS_OFFL_SIR_IOPM1B_20210402T080556_20210402T081946_C001 0 CS_OFFL_SIR_IOPN1B_20210402T024217_20210402T024440_C001 0 CS_OFFL_SIR_IOPN1B_20210402T042217_20210402T024440_C001 0 CS_OFFL_SIR_IOPN1B_20210402T042210_20210402T0242421_C001 0 CS_OFFL_SIR_IOPN1B_20210402T041849_20210402T042321_C001 0	Test Failed 1 Loss of Echo	Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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Loss of Echo Flag: This flag is currently set for products over land, but Number of products with errors: 15 Product 15 CS_OFFL_SIR_IOPM1B_20210402T080556_20210402T081946_C001 16 CS_OFFL_SIR_IOPM1B_20210402T024217_20210402T024440_C001 16 CS_OFFL_SIR_IOPN1B_20210402T041849_20210402T024321_C001 15 CS_OFFL_SIR_IOPN1B_20210402T041849_20210402T0402321_C001 16 CS_OFFL_SIR_IOPN1B_20210402T160520_20210402T160750_C001 16 CS_OFFL_SIR_IOPN1B_20210402T160520_20210402T160750_C001 16 CS_OFFL_SIR_IOPN1B_20210402T010501_20210402T160750_C001 16 CS_OFFL_SIR_IOPR1B_20210402T01444_20210402T011933_C001 16 CS_OFFL_SIR_IOPR1B_20210402T073838_20210402T074615_C001 16 CS_OFFL_SIR_IOPR1B_20210402T073838_20210402T074615_C001 16 CS_OFFL_SIR_IOPR1B_20210402T073838_20210402T074615_C001 16 CS_OFFL_SIR_IOPR1B_20210402T073838_20210402T074615_C001 16 CS_OFFL_SIR_IOPR1B_20210402T073838_20210402T074615_C001 16 CS_OFFL_SIR_IOPR1B_20210402T124432_20210402T124507_C001 16 CS_OFFL_SIR_IOPR1B_20210402T124432_20210402T124810_C001 16 CS_OFFL_SIR_IOPR1B_20210402T124432_20210402T124810_C001 16	Test Failed 1 Loss of Echo	Description The tracking echo is missing for one or more records The tracking echo
Number of products with errors: 15 Product CS_OFFL_SIR_IOPM1B_20210402T080556_20210402T081946_C001 CS_OFFL_SIR_IOPM1B_20210402T024217_20210402T024440_C001 CS_OFFL_SIR_IOPN1B_20210402T024217_20210402T024321_C001 CS_OFFL_SIR_IOPN1B_20210402T041849_20210402T042321_C001 CS_OFFL_SIR_IOPN1B_20210402T150300_20210402T150843_C001 CS_OFFL_SIR_IOPN1B_20210402T160520_20210402T150843_C001 CS_OFFL_SIR_IOPN1B_20210402T210501_20210402T210617_C001 CS_OFFL_SIR_IOPN1B_20210402T011444_20210402T011933_C001 CS_OFFL_SIR_IOPR1B_20210402T05596_20210402T070004_C001 CS_OFFL_SIR_IOPR1B_20210402T073838_20210402T074615_C001 CS_OFFL_SIR_IOPR1B_20210402T073838_20210402T074615_C001 CS_OFFL_SIR_IOPR1B_20210402T07383809_20210402T074615_C001 CS_OFFL_SIR_IOPR1B_20210402T07383809_20210402T074615_C001 CS_OFFL_SIR_IOPR1B_20210402T07383809_20210402T074615_C001 CS_OFFL_SIR_IOPR1B_20210402T124432_20210402T124507_C001 CS_OFFL_SIR_IOPR1B_20210402T173405_20210402T174117_C001 CS_OFFL_SIR_IOPR1B_20210402T173405_20210402T174117_C001 CS_OFFL_SIR_IOPR1B_20210402T173405_20210402T174135_C001 CS_OFFL_SIR_IOPR1B_20210402T173405_20210402T174135_C001	Test Failed 1 Loss of Echo 1 Loss of Echo	Description The tracking echo is missing for one or more records The tracking echo
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Number of products with errors: 15 Product	Test Failed 1 Loss of Echo 1 Loss of Echo	Description The tracking echo is missing for one or more records The tracking echo

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:
0

5.4 L2 Auxiliary Correction Error Check

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

0

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.

Call, Dire, Dire, Call, Call Market Trade, 200 Mark Trade, 200 Mark Trade, 2001 The encode Col, OFTL, SRI, OPRI, J. 2001 MART TRADE, 200 MART TRADE, 2001 The encode The encode Col, OFTL, SRI, OPRI, J. 2001 MART TRADE, 2001 MART TRADE, 2001 The encode The encode Col, OFTL, SRI, OPRI, J. 2001 MART TRADE, 2001 MART TRADE, 2001 Mark Trade Science Trade The encode Col, OFTL, SRI, OPRI, J. 2001 MART TRADE, 2001 MART TRADE, 2001 Mark Trade Science Trade The encode Col, OFTL, SRI, OPRI, J. 2001 MART TRADE, 2001 MART TRADE, 2001 Mark Trade Science Trade The encode Col, OFTL, SRI, OPRI, J. 2001 MART TRADE, 2001 MART TRA	t	Test Failed	Description
Construction Transport() Transport() Transport() Transport() 02. OFTL_DRI_OPM_2_2021/00271201402_0221 00271201410_001 Meen Sis Status (1) Meen Dynamic Transport()	FL_SIR_IOPM_2_20210402T013335_20210402T014934_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
DB: DH-L BR. LOMI Z. 2010/RUZ123498, 2011 Inscription Inscription Description	FL_SIR_IOPM_2_20210402T173237_20210402T173313_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1)
Sol UNIT 2 Str. 2 Str	FL_SIR_IOPM_2_20210402T204056_20210402T204146_C001	Topography (1), Total Geocentric Ocean	
Sci UPL SM, UPPL Z, 00116021010114, 0001002110004, C001 Toppspring (1) Toppspring (1) C5: UPL SM, UPPL Z, 00216027152551, 002100271520096, C001 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 00216027154521, 002100271502972, C001 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 00216027154521, 200100271552972, C001 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 002160271545297, C001 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 002160271545297, C001 Mem Dynamic Toppspring (1) C6: UPL SM, UPPL Z, 002160271545297, C001 Mem Dynamic Toppspring (1) C6: UPL SM, UPPL Z, 00216027154579, 20216027155972, C001 Mem Dynamic Toppspring (1) C6: UPL SM, UPPL Z, 00216027155792, 20216027155972, C001 Mem Dynamic Toppspring (1) C6: UPL SM, UPPL Z, 00216027155792, 20216027150142, C001 Mem Dynamic Toppspring (1) C6: UPL SM, UPPL Z, 0021602715793, 202160271501402 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 00216027156792, 202160271501402 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 00216027156792, 202160271161452, C001 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 002160271161452, 202160271161452, C001 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 002160271161452, C001 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 00216027116264, C0010 Mem See Sufder (1) Mem Dynamic C6: UPL SM, UPPL Z, 00216027116264, C0010 <td< td=""><td>FL_SIR_IOPN_2_20210402T002148_20210402T002256_C001</td><td>Mean Dynamic Topography (1)</td><td>There is an error with the Mean Dynamic Topography height for one or more records</td></td<>	FL_SIR_IOPN_2_20210402T002148_20210402T002256_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
Construction Transpare	FL_SIR_IOPN_2_20210402T010414_20210402T010524_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1)
CS_0FFL_SR_UON_2_2021002T00217_2010_002T00212_0100 Topography (1), Total Genomics Comparison (Linkins I), Let Mass I), Set Mass ID, Mass ID, Set Mass ID, Mass ID, Set Mass ID, Mass ID, Mass ID, Set Mass ID,	FL_SIR_IOPN_2_20210402T015851_20210402T020043_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1)
S3_0FFL_SIR_UGPL_2_32210402T041149_02010402T04220_0001 Topography (1) Tail Geocomic Oscin Topography (1) Tail Geocomic Oscin C01) for a car more incode. C3_0FFL_SIR_UGPL_2_32210402T050757_0210402T05010_0001 Mean Dynamic Topography (1) Topography (1) Tail Geocomic Oscin Topography (1) Tail Geocomic Oscin Topography (2) Tail Topography (2) Tail Geocomic Oscin Topography (2) T	FL_SIR_IOPN_2_20210402T024217_20210402T024440_C001	Topography (1), Total Geocentric Ocean Tide (GOT)	GOT) for one or more records
Sc. Der Lais Curr, Carl Curr, Sin	FL_SIR_IOPN_2_20210402T041849_20210402T042321_C001	Topography (1), Total Geocentric Ocean	Topography (solution 1), the Total Geocentric Ocean Tide (solution 1:
St. OFFL, SHL, JOPL, 2, 2021040211062112, 2001 Intel Dynamic Topography (1) Inter results CS_OFFL_SHL_JOPL, 2, 202104021063769_02210402106014_C001 The SS Sufface (1), Nean Dynamic Topography (1), neal discontexticols for one or more in Company (1), nead discontexticols for one or more in Comp	FL_SIR_IOPN_2_20210402T050757_20210402T051003_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_JOPK_2_20210402710576_202104027106014_C001 Topography (1) Topography (2)	FL_SIR_IOPN_2_20210402T051708_20210402T052012_C001		There is an error with the Mean Dynamic Topography height for one or more records
CS_DFIL_SIR_UOPN_2_20210402T116246_02210402T116426_0001 Mean Ses Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_UOPN_2_20210402T116246_02210402T116226_0001 Mean Ses Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_UOPN_2_20210402T116246_0211032899_0001 Mean Ses Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_UOPN_2_20210402T150360_0201402T150849_0001 Mean Ses Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_UOPN_2_20210402T150300_0201402T150849_0001 Mean Ses Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_UOPN_2_20210402T150706_20210402T15074_0001 Mean Ses Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_UOPN_2_20210402T162515_20210402T162640_0001 Mean Ses Surface (1), Mean Dynamic Topography (1) There is an error with the MASS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_UOPN_2_20210402T162515_20210402T162640_0001 Mean Ses Surface (1), Mean Dynamic Topography (1) There is an error with the MASS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_UOPN_2_20210402T162515_20	FL_SIR_IOPN_2_20210402T055759_20210402T060144_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Perioc	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_DFIL_SIR_UOPN_2_20210402T116246_02210402T116283_0001 Topography (1) Topography (1) Topography (1) CS_OFFL_SIR_UOPN_2_20210402T115246_02210402T132650_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_UOPN_2_20210402T132725_20210402T132650_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_UOPN_2_20210402T152300_20210402T152843_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_UOPN_2_20210402T155705_20210402T155764_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_UOPN_2_20210402T165705_20210402T155764_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_UOPN_2_20210402T162515_20210402T165754_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_UOPN_2_20210402T165515_20210402T165723_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_UOPN_2_20210402T105515_20210402T165	FL_SIR_IOPN_2_20210402T101345_20210402T101652_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_DFIL_SIR_JOPN_2_20210402116268_02010402116865_0001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_JOPN_2_202104021142231_202104021142351_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mear Topography height (solution 1) CS_OFFL_SIR_JOPN_2_202104021142231_202104021142351_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_JOPN_2_202104021155705_202104021155754_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) CS_OFFL_SIR_JOPN_2_202104021165705_202104021155754_C001 Mean Sa Surface (1), Mean Dynamic Topography height (solution 1) and the Mear Topography height (solution 1) CS_OFFL_SIR_JOPN_2_202104021165015_202104021165742_C001 Mean Sa Surface (1), Mean Dynamic Topography height (solution 1) and the Mear Topography height (solution 1) and the Mear Topography height (solution 1) CS_OFFL_SIR_JOPN_2_202104021165015_202104021165723_C001 Mean Sa Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_JOPN_2_202104021165015_202104021165763_C001 Mean Sae Surface (1), Mean Dynamic Topography height (solution 1) and the Mear Topography height (solution 1) and the Mear Topography height (solution 1). CS_OFFL_SIR_JOPN_2_20210402112400121000756_C001 Mean Sae Surface (1), Mean Dynamic	FL_SIR_IOPN_2_20210402T114646_20210402T114940_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_DFH_SIR_JOPN_2_202104021132/32_201204021132/39_2001 Topography (1) Topography (1) Topography leight (solution 1) CS_OFFL_SIR_JOPN_2_202104021142231_202104021142351_C001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_JOPN_2_202104021150300_202104021150843_C001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_JOPN_2_202104021150764_C001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mear Topography Height (solution 1) CS_OFFL_SIR_JOPN_2_202104021162511_202104021162649_C001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_JOPN_2_202104021162512_202104021162523_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_JOPN_2_202104021165515_202104021165723_C001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1), Total Geocentric Ocean Tide (COT). Total Geocentric Ocea	FL_SIR_IOPN_2_20210402T115246_20210402T115623_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_DFH_SIR_IOPN_2_202104021142231_20210402T150843_0001 Topography (1) Trep is an error with the MSS height (solution 1) and the Mear Topography (2) CS_OFFL_SIR_IOPN_2_20210402T150505_20210402T155754_0001 Mean Sas Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T160204_20210402T155754_0001 Mean Sas Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T162511_20210402T162649_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T162515_20210402T165649_0001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_IOPN_2_20210402T165515_20210402T1656723_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_0001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1), Total Geocentric Ocean Tide (SCT), No.Equilibrium Long Period CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_C001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPN_2_20210402T214515_20210402T20528_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error	FL_SIR_IOPN_2_20210402T132725_20210402T132959_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_OFFL_SIR_IOPN_2_20210402T150505_20210402T155754_C001 Topography (1) Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T155754_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Copography (1) CS_OFFL_SIR_IOPN_2_20210402T162024_20210402T162649_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Copography (1) CS_OFFL_SIR_IOPN_2_20210402T165515_20210402T165723_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height for more records CS_OFFL_SIR_IOPN_2_20210402T165515_20210402T165723_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), and the Mean Topography (1) CS_OFFL_SIR_IOPN_2_20210402T20402T20402T20402T214704_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), and the Mean Topography (1) CS_OFFL_SIR_IOPN_2_20210402T214351_20210402T214704_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), and the Mean Topography height (solution 1), and the Mean Topography height (solution 1) CS_OFFL	FL_SIR_IOPN_2_20210402T142231_20210402T142351_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_OFFL_SIR_IOPN_2_202104021163/05_02/104021163/05_0201 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T162511_20210402T162649_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T165515_20210402T16573_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T165515_20210402T165723_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_C001 Mean Sea Surface (1), Mean Dynamic 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), Total Geocentric Ocean CS_OFFL_SIR_IOPN_2_20210402T205430_20210402T205526_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T214351_20210402T214704_C001 Means Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T233121_20210402T233243_C001 Means Sea Surface (1), Mean Dynamic There is an error w	FL_SIR_IOPN_2_20210402T150300_20210402T150843_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_OFFL_SIR_IOPN_2_20210402T160214_20210402T162649_C001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T162511_20210402T162649_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height for more records CS_OFFL_SIR_IOPN_2_20210402T165515_20210402T165723_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height for more records CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mear Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPN_2_20210402T205430_20210402T205526_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPN_2_20210402T214351_20210402T214704_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_IOPN_2_20210402T233121_20210402T233243_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T233121_20210402T233243_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_202	FL_SIR_IOPN_2_20210402T155705_20210402T155754_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20210402T162515_20210402T16573_C001 Mean Dynamic Topography (1) more records CS_OFFL_SIR_IOPN_2_20210402T165515_20210402T16573_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height for more records CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_C001 Mean Sea Surface (1), Mean Dynamic Topography (solution 1), and tidal corrections for one or more not tride (CST), Total Geocentric Ocean Tide (COT), Total Ge	FL_SIR_IOPN_2_20210402T160204_20210402T160414_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 Mean Dynamic Topography (1) more records CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_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 (FES), Non-Equilibrium Long Period There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPN_2_20210402T205430_20210402T205526_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPN_2_20210402T214351_20210402T214704_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mear Topography (1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_IOPN_2_20210402T232124_20210402T214704_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_IOPN_2_20210402T233121_20210402T232542_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mear Topography (1) CS_OFFL_SIR_IOPN_2_20210402T01524_20210402T0133243_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mear Topography height (solution 1)	FL_SIR_IOPN_2_20210402T162511_20210402T162649_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174107_20210402T174004_C001 Topography (1) Topography (1) CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_C001 Mean Sea Surface (1). Mean Dynamic Topography (solution 1), the Masn Dynamic Topography (solution 1), and tidal corrections for one or more in 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 in Tide (FES), Non-Equilibrium Long Period Ocean Tide CS_OFFL_SIR_IOPN_2_20210402T205430_20210402T205526_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1), and the Mean Dynamic Topography (solution 1), and the Mean Dynamic Topography (1) CS_OFFL_SIR_IOPN_2_20210402T214351_20210402T214704_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T232124_20210402T232542_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T233121_20210402T233243_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T011524_20210402T011238_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mear Topography height (solution 1) <td>FL_SIR_IOPN_2_20210402T165515_20210402T165723_C001</td> <td>Mean Dynamic Topography (1)</td> <td>There is an error with the Mean Dynamic Topography height for one or more records</td>	FL_SIR_IOPN_2_20210402T165515_20210402T165723_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_C001 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 Dy Topography (solution 1), and tidal corrections for one or more re Cocean Tide CS_OFFL_SIR_IOPN_2_20210402T205430_20210402T205526_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height for more records CS_OFFL_SIR_IOPN_2_20210402T214351_20210402T214704_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPN_2_20210402T232124_20210402T232542_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPN_2_20210402T233121_20210402T233243_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPN_2_20210402T01524_20210402T011238_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPR_2_20210402T01524_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Su	FL_SIR_IOPN_2_20210402T174117_20210402T174604_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_OFFL_SIR_IOPN_2_20210402T203430_20210402T203526_C001 Mean Dynamic Topography (1) more records CS_OFFL_SIR_IOPN_2_20210402T214351_20210402T214704_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T232124_20210402T232542_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T233121_20210402T233243_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPN_2_20210402T033121_20210402T233243_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPR_2_20210402T010524_20210402T011238_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean CS_OFFL_SIR_IOPR_2_20210402T044402T044402T04402T04402T04402T04402T04402T04402T04402T04402T04402T04402T	FL_SIR_IOPN_2_20210402T200403_20210402T200756_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Perioc	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), and tidal corrections for one or more records
CS_OFFL_SIR_IOPN_2_202104021214351_20210402121214704_C001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPN_2_202104021232124_20210402T232542_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography height (solution 1) CS_OFFL_SIR_IOPN_2_20210402T233121_20210402T233243_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T010524_20210402T011238_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T010524_20210402T011238_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography (1)	FL_SIR_IOPN_2_20210402T205430_20210402T205526_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPN_2_202104021232124_202104021232342_C001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPN_2_202104021233121_202104021233243_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPR_2_20210402T010524_20210402T011238_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPR_2_20210402T010524_20210402T011238_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography (1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T0402T024440_20210402T042927_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography height (solution 1)	FL_SIR_IOPN_2_20210402T214351_20210402T214704_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_OFFL_SIR_IOPN_2_20210402T03524_20210402T03524_2001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T010524_20210402T011238_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T0402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1)	FL_SIR_IOPN_2_20210402T232124_20210402T232542_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
CS_OFFL_SIR_IOPR_2_20210402T010324_20210402T011230_C001 Topography (1) Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography height (solution 1) CS_OFFL_SIR_IOPR_2_20210402T024440_20210402T025138_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) There is an error with the MSS height (solution 1) and the Mean Topography height (solution 1)	FL_SIR_IOPN_2_20210402T233121_20210402T233243_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
Topography (1) Topography height (solution 1) Topography (2) Topography (1) Topography height (solution 1) Topography height (solution 1) Topography height (solution 1) and the Mear	FL_SIR_IOPR_2_20210402T010524_20210402T011238_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
	FL_SIR_IOPR_2_20210402T024440_20210402T025138_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
	FL_SIR_IOPR_2_20210402T042321_20210402T042927_C001		There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1)
	FL_SIR_IOPR_2_20210402T042930_20210402T043041_C001		There is an error with the Mean Dynamic Topography (solution 1) and th Total Geocentric Ocean Tide (solution 1: GOT) for one or more records

CS_OFFL_SIR_IOPR_2_20210402T060144_20210402T061103_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_20210402T073838_20210402T074615_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_20210402T091809_20210402T092435_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_20210402T092435_20210402T092730_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_20210402T105616_20210402T110335_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_20210402T110335_20210402T110516_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_20210402T123748_20210402T124232_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_20210402T124232_20210402T124355_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_20210402T141550_20210402T142114_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_20210402T142114_20210402T142231_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_20210402T155754_20210402T155837_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_20210402T155837_20210402T160204_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_20210402T173313_20210402T173404_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_20210402T173405_20210402T174117_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_20210402T191614_20210402T192148_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_20210402T204435_20210402T204613_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_IOPR_2_20210402T205526_20210402T210317_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_20210402T223342_20210402T224628_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1)

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20210402T020719_20210402T022008_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20210401T235824_20210402T001000_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_20210402T001417_20210402T001733_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_20210402T002349_20210402T005248_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_20210402T005304_20210402T010004_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_20210402T010140_20210402T010414_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CL OPE, BR DPH 2 321042010132 321040711030 2011 Dee Alterna freque (Styl, Styl), Styl), Styl, Styl, Styl), Styl, S	CS_OFFL_SIR_IOPM_2_20210402T011933_20210402T012710_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.
CB CPEL_SRF_UPEL_SZ220042T101282_2220042T101293_20101 COO_Alteract Fungs and Backacter Calaby Regs funds funds CB_CPEL_SRF_UPEL_SZ220042T102292_201042T102292_C011 COO_Alteract Fungs and Backacter Calaby Regs funds funds CB_CPEL_SRF_UPEL_ZZ20040T102292_201042T102292_C011 COO_Alteract Fungs and Backacter Calaby Regs funds funds CB_CPEL_SRF_UPEL_ZZ20040T102292_201042T102292_C011 COO_Alteract Fungs and Backacter Calaby Regs funds funds CB_CPEL_SRF_UPEL_ZZ20040T102292_D201042T102292_C011 COO_Alteract Fungs and Backacter Calaby Regs funds funds CB_CPEL_SRF_UPEL_ZZ20040T102292_D201042T102292_C011 COO_Alteract Fungs and Backacter Calaby Regs funds funds funds funds CB_CPEL_SRF_UPEL_ZZ20040T102192_D201042T102292_C011 COO_Alteract Fungs and Backacter Calaby Regs funds funds funds funds CB_CPEL_SRF_UPEL_ZZ20040T102192_D201042T102192_C011 COO_Alteract Fungs and Backacter Calaby Regs funds funds funds funds CB_CPEL_SRF_UPEL_ZZ20040T102192_D201042T102192_C011 COO_Alteract Fungs and Backacter Calaby Regs funds fund	CS_OFFL_SIR_IOPM_2_20210402T013152_20210402T013306_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Call, Diff., J. M. (2007), J. (2017), DIFF. (2017	CS_OFFL_SIR_IOPM_2_20210402T013335_20210402T014934_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS: 0FL SR. 0PL 2 321042102018 2021402102001 (2011) and basissent bains, 0000 and basissent bains, 0000 and basissent basis of the 0000 Antenet Rags SBA, NWH at Basissent basis of the 0000 Antenet Rags SBA, 0001 and the sentence SBA, 2011 basissent basis of the 0000 Antenet Rags SBA, 0001 and the sentence SBA, 2011 basissent basis of the 0000 Antenet Rags SBA, 0001 and the sentence SBA, 2011 basissent basis of the 0000 Antenet Rags SBA, 0001 and the sentence SBA, 2011 basissent basis of the 0000 Antenet Rags SBA, 0001 and the sentence SBA, 2011 basissent basis of the 0000 Antenet Rags SBA, 0001 and the sentence SBA, 2011 basissent basis of the 0000 Antenet Rags SBA, 0001 and the sentence SBA, 2011 basissent basis of the 0000 Antenet Rags SBA, 0001 and the sentence SBA, 2011 basissent basis of the 0000 Antenet Rags SBA, 0001 and the sentence Dates to the one of the 0000 Antenet Rags SBA, 0001 and the sentence Dates to the one of the 0000 Antenet Rags SBA, 0001 and the sentence Dates to the one of the 0000 Antenet Rags SBA, 0001 and the sentence Dates to the one of the 0000 Antenet Rags SBA, 0001 and the sentence Dates to the 0000 Antenet Rags SBA, 0001 and the sentence Dates to the 0000 Antenet Rags SBA, 0001 and the sentence Dates to the 0000 Antenet Rags SBA, 0001 and the sentence Dates to the 0000 Antenet Rags SBA, 0001 and the sentence Dates to the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence Dates to the one of the 0000 Antenet Rags and the sentence D	CS_OFFL_SIR_IOPM_2_20210402T015114_20210402T015632_C001		
BL_DPTL_SRLDPML2_32810427122221_00114427122221_00114427122220_001144 and Sakasahar Quality Coop Attematic Range of Sakasahar Quality Kapit New New New Attematic Range of Sakasahar Quality Kapit New	CS_OFFL_SIR_IOPM_2_20210402T020719_20210402T022008_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_UPPL_GR_UPPL_CAPUTURUMUM222_20170110212_0011 Indexactor Cuality Inter Resp. SSHA_SWI To ne or more means. CS_UPPL_SR_UPPL_2210142710011420171427012_0011 Ocean Almeter Resp. SSHA_SWI Coen Almeter	CS_OFFL_SIR_IOPM_2_20210402T022221_20210402T023420_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CBL_OFFL_SRUGPM_2_2021042700141_021042703123_202004 and stadsacture Cuality COOD and the COOD Allmeter Regins and Backacture Cuality Flags have been set and the COOD Allmeter Regins and Backacture Cuality Flags have been set and the COOD Allmeter Regins and Backacture Cuality Flags have been set and the COOD Allmeter Regins and Backacture Cuality Flags have been set and backacture Cuality Flags	CS_OFFL_SIR_IOPM_2_20210402T025227_20210402T025228_C001		5 J S
CE_OFFL_SR_UPPL_2_10210402T03364_2001042T033544_2001 CE_OFFL_SR_UPPL_2_10210402T03364_2001042T033544_2001 CE_OFFL_SR_UPPL_2_10210402T03364_2001042T033544_2001 CE_OFFL_SR_UPPL_2_10210402T03364_2001042T033544_2001 CE_OFFL_SR_UPPL_2_10210402T03364_2001042T033544_2001 CE_OFFL_SR_UPPL_2_10210402T03364_2001042T033544_2001 CE_OFFL_SR_UPPL_2_10210402T03455_2001042T03455_2	CS_OFFL_SIR_IOPM_2_20210402T030144_20210402T031212_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Des_DEPL_SHI_DEPL_202104121103308_202104021033782_0001 Badesatter Quality For one or more roots. C5_0FL_SIR_IOP4_2_0221042103308_022104021033782_0001 DOGA Allmeter Range Duality, COGA The OCGA Allmeter Range and Backsatter Quality Flags have been set for one or none records. C5_0FL_SIR_IOP4_2_02210422103360_02210402103563_0001 Ocean Allmeter Range SSHA, SVH and Backsatter Quality Flags have been set for one or none records. C5_0FL_SIR_IOP4_2_02210402103350_02210402103563_0001 Ocean Allmeter Range SSHA, SVH and Backsatter Quality Flags have been allmeter Range. SSHA, SVH and Backsatter Quality Flags have been allmeter Range. SSHA, SVH and Backsatter Quality Flags have been allmeter Range. SSHA, SVH and Backsatter Quality Flags have been allmeter Range. SSHA, SVH and Backsatter Quality Flags have been allmeter Range. SSHA, SVH and Backsatter Quality Flags have been allmeter Range. SSHA, SVH and Backsatter Quality Flags have been allmeter Range. SSHA, SVH and Backsatter Quality Flags have been allmeter Range and Backsatter Quality Flags have be	CS_OFFL_SIR_IOPM_2_20210402T031351_20210402T032853_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Displace	CS_OFFL_SIR_IOPM_2_20210402T033040_20210402T033544_C001		· · ·
C8_OFFL_SR_JOPM_2_20210402T034415_20210402T03453_0001 and the COGG and the COGG and the COGG C8_OFFL_SR_JOPM_2_20210402T03530_20210402T03559_C001 Coan Afitimeter Range and Backscatter Quality Flags have been at the COGG Afitimeter Range and Backscatter Quality Flags have been at the COGG Afitimeter Range and Backscatter Quality Flags have been at the COGG Afitimeter Range and Backscatter Quality Flags have been at the COGG Afitimeter Range and Backscatter Quality Flags have been at Backscatter Quality COGG Afitimeter Range at Compared Backscatter Quality Flags have been at Backscatter Quality COGG Afitimeter Range at Compared Backscatter Quality Flags have been at Backscatter Quality COGG Afitimeter Range SHA, SWH and Backscatter Quality Flags have been at Backscatter Quality COGG Afitimeter Range SHA, SWH and Backscatter Quality Flags have been at Backscatter Quality COGG Afit Councer Code. C8_OFFL_SIR_JOPM_2_20210402T044543_20210402T044525_C001 Ocean Afittmeter Range SHA, SWH and Backscatter Quality Flags have been at Backscatter Quality COGG Afit Backscatter Quality Flags have been at Backscatter Quality COGG Afittmeter Range and Backscatter Quality Flags have been at Backscatter Quality COGG Afittmeter Range and Backscatter Quality Flags have been at Backscatter Quality COGG Afittmeter Range and Backscatter Quality Flags have been at Backscatter Quality COGG Afittmeter Range and Backscatter Quality Flags have been at Backscatter Quality COGG Afittmeter Range and Backscatter Quality Flags have been at Backscatter Quality COGG Afittmeter Range and Backscatter Quality Flags have been at Backscatter Quality COGG Afittmeter Range and Backscatter Quality Flags have been at Backscatter Quality COGG Afittmeter Range and Backscatter Quality Flags have been at Backscatter Quality COGG Afittmeter Range and Backscatter Quality Flags have been at Ba	CS_OFFL_SIR_IOPM_2_20210402T033608_20210402T033723_C001		
CS_OFFL_SIR_JOPM_2_20210402T083340_20210402T08359_0001 and Backscatter Quality Flogs have been Allmerer Range and Backscatter Qual	CS_OFFL_SIR_IOPM_2_20210402T034415_20210402T034513_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T040321_20210402T040800_0001 and Backscatter Quality Flags have been Allimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags have been Allimeter Range. SSHA, SWH and backscatter Quality Flags have been Allimeter Range and Backscatter Quality Flags have been Allimeter Range. SSHA, SWH and backscatter Quality Flags have been Allimeter Range and Backscatter Quality Flags have been set for ne or more records. CS_OFFL_SIR_IOPM_2_20210402T062149_20210402T062433_20210402T064739_COD1 OCGA Allimeter Range Quality, COCG All	CS_OFFL_SIR_IOPM_2_20210402T035340_20210402T035559_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPM_2_20210402T04723_20210402T04724_2001 and Backscatter Quality COCG Attemeter Range and Backscatter Quality COCG and the OCGG Attemeter Range and Backscatter Quality Flags have been attemed range and Backscatter Quality Flags have been attemater Rang	CS_OFFL_SIR_IOPM_2_20210402T040321_20210402T040600_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T044343_20210402T044325_C001 and Backscatter Quality, OCCG and the OCCG 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. SSHA, SWH 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. SSHA, SWH 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. SSHA, SWH 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. SSHA, SWH 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. SSHA, SWH 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. 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. SSHA, SWH and Backscatter Quality Flags have been 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. SSHA, SWH 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. SSHA, SWH and Backscatter Quality Fla	CS_OFFL_SIR_IOPM_2_20210402T040723_20210402T041424_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T045025_20210402T050752_C001 and Backscatter Quality, COG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality and the COCG Altimeter Range and Backscatter Quality Flags have been and for one or more records. CS_OFFL_SIR_IOPM_2_20210402T051047_20210402T051502_C001 DCOG Altimeter Range, SHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been ad Backscatter Quality, COCG Altimeter Range, CAltimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T064853_20210402T065417_C001 OCCG Altimeter Range Quality, OCCG Backscatter Quality, OCCG Backscatter Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T0702622_0210402T072821_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality Flags and backscatter Quality, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and backscatter Quality, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and backscatter Quality, CCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter	CS_OFFL_SIR_IOPM_2_20210402T044543_20210402T044825_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T05266_20210402T054439_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20210402T052056_20210402T054439_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T062149_20210402T064739_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T064739_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_20210402T064853_20210402T065417_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_20210402T065423_20210402T065747_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T070204_20210402T072821_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG A	CS_OFFL_SIR_IOPM_2_20210402T045025_20210402T050752_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T052056_20210402T054439_C001 and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, OCCG Backscatter Quality, OCCG Backscatter Quality, OCCG Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, OCCG Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, OCCG Backscatter Quality, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T065423_20210402T065477_C001 OCCG Altimeter Range Quality, OCCG Backscatter Quality, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T070004_20210402T072821_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T072825_20210402T073315_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscat	CS_OFFL_SIR_IOPM_2_20210402T051047_20210402T051502_C001		
CS_OFFL_SIR_IOPM_2_20210402T062149_20210402T064739_C001 and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T064853_20210402T065417_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_20210402T065423_20210402T065747_C001 OCOG Altimeter Range Quality, OCOG Backscatter 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_20210402T065423_20210402T065747_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_20210402T070004_20210402T072821_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality Flags have been and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags have been and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Ra	CS_OFFL_SIR_IOPM_2_20210402T052056_20210402T054439_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_2021040210633_202104021063417_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20210402T065423_20210402T065747_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T070004_20210402T072821_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality Flag	CS_OFFL_SIR_IOPM_2_20210402T062149_20210402T064739_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_202104021080423_20210402108747_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20210402T070004_20210402T072821_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20210402T072825_20210402T073315_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20210402T080556_20210402T081946_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags hat be OCOG Altimeter Range and Backscatter Quality Flags hat be 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 the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hand the OCOG Altimeter Range and Backscatter Quality Flags hand	CS_OFFL_SIR_IOPM_2_20210402T064853_20210402T065417_C001		
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CS_OFFL_SIR_IOPM_2_20210402T072825_20210402T073315_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_20210402T080556_20210402T081946_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T082037_20210402T082716_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and	CS_OFFL_SIR_IOPM_2_20210402T070004_20210402T072821_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T080556_20210402T081946_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_20210402T082037_20210402T082716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and backscatter Quality Flags have been and backscatter Quality, OCOG	CS_OFFL_SIR_IOPM_2_20210402T072825_20210402T073315_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T082037_20210402T082716_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_IOPM_2_20210402T080556_20210402T081946_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_IOPM_2_20210402T082037_20210402T082716_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

Display Display <t< th=""><th>CS_OFFL_SIR_IOPM_2_20210402T082848_20210402T083656_C001</th><th>OCOG Altimeter Range Quality, OCOG Backscatter Quality</th><th>The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.</th></t<>	CS_OFFL_SIR_IOPM_2_20210402T082848_20210402T083656_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, FER, SIR, DRY 2, 201602710278, 201602710283, 201 or de locatette Dully, RDS 201602710284, 201602710264, 201 Dess Alterets Rage, SIRA, SIV at Statustic Dully, RDS 201602710264, 201 CR, FER, SIR, DRY 2, 201602710287, 201602710264, 201 Dess Alterets Rage, SIRA, SIV at Statustic Dully, RDS 201602710264, 201 Dess Alterets Rage, SIRA, SIV at Statustic Dully, RDS 201602710264, 201 CR, FER, SIR, DRY 2, 201602710718, 201902710164, 201 Dess Alterets Rage, SIRA, SIV at Statustic Dully, RDS 201602710264, 201 Dess Alterets Rage, SIRA, SIV at Statustic Dully, RDS 201602710267, 201602710164, 2017 CR, FER, SIR, DRY 2, 2016027101027, 2016027101028, 201902710028 Dess Alterets Rage, SIRA, SIV at Statustic Dully, RDS 201602710281, 2017 Dess Alterets Rage, SIRA, SIV at Statustic Dully, RDS 2016027101028, 2019027110028, 2019	CS_OFFL_SIR_IOPM_2_20210402T083931_20210402T091421_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Dill, Dim, Jam, John J. 2001402710227, 32214027110146, 001 and Read-Bing and Readouth Caulty Regis Network Reage and Readouth Caulty Regis Network Readouth Readouth Regis Readouth Caulty Regis Network Readouth Readouth Readouth Regis Readouth Re	CS_OFFL_SIR_IOPM_2_20210402T092730_20210402T092833_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Control Control <t< td=""><td>CS_OFFL_SIR_IOPM_2_20210402T095754_20210402T100644_C001</td><td>and Backscatter Quality, OCOG</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></t<>	CS_OFFL_SIR_IOPM_2_20210402T095754_20210402T100644_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
DFL_DFL_BR_DPM_2_322 M042T10322_021002T10350_031 with Biokastain Quilty, DDD Manuer, Range, and Backsain Quilty, DDD Manuer, Range, and Backsain Quilty, DDD Manuer, Range, and Backsain Quilty, DDD Manuer, Range, SM, SMH, and Backsain Quilty, DDM Manuer, Range, SM, SMH, and Backsain Quilty, DDM Manuer, Range, SM, SMH, and Backsain Quilty, Fags Nak-Bart Manuer, Range, SM, SMH, and Backsain Quil	CS_OFFL_SIR_IOPM_2_20210402T100827_20210402T101345_C001		
C5. 0FTL SR JOFK 2. 32210427110438 2021042711058 C001 and Backandle Quality, C005 and State Control Notes Notes C5. 0FTL SR JOFK 2. 3221042711058 J021042711058 J0210428 J021042711058 J021042711058 J021042711058 J021042711058	CS_OFFL_SIR_IOPM_2_20210402T101902_20210402T104154_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OPFL_SRUGPM_2_30210402T110506_021104056_0201 and Backacketh Cuality, COOD Allander Range and Backacketh Cuality, Fage taxe been and Backacketh Cuality, COOD Allander Range and Backacketh Cuality, Fage taxe been and Backacketh Cuality, COOD Allander Range and Backacketh Cuality, Fage taxe been and Backacketh Cuality, COOD Allander Range and Backacketh Cuality, Fage taxe been and Backacketh Cuality, COOD Allander Range and Backacketh Cuality, Fage taxe been and Backacketh Cuality, COOD Allander Range and Backacketh Cuality, Fage taxe been and Backacketh Cuality, COOD Allander Range and Back	CS_OFFL_SIR_IOPM_2_20210402T104439_20210402T105359_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_0CFL_SR_0CP4_2_02104027112802_02104027112800_0001 and Backsattr Qualy, PG2 CB_0CFL_SR_0CP4_2_02104027112802_02104027112800_0001 and Backsattr Qualy, PG2 CB_0CFL_SR_0CP4_2_02104027112802_02104027112800_0001 and Backsattr Qualy, PG2 CB_0CFL_SR_0CP4_2_02104027112800_0001 and Backsattr Qualy, PG2 CB_0CFL_SR_0CP4_2_020104027112800_0001 and Backsatt	CS_OFFL_SIR_IOPM_2_20210402T110606_20210402T111015_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C8, OFFL_SIR_IOPM_2_202104021113232_20210402112000_0001 Alternative Roops and Beakscatter Quality Flags have been Alternative Roops and Statisticater Quality Flags have been Roo	CS_OFFL_SIR_IOPM_2_20210402T112606_20210402T113050_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPM_2_202104027112308_02014027112200_0001 and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality Flags have been Attinueter Range and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality Flags have been Attinueter Range and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range and Backscatter Quality, Flags have been attinue to Coord Attinueter Range and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags have been attinue to Coord Attinueter Range, SSHA, SWH and Backscatter Quality, Flags have been attinue to Coord Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, Flags have been attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, Flags have been attinueter Range, SSHA, SWH and Backscatter Quality, Flags have been attinueter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, COOG Attinueter Range, SSHA, SWH a	CS_OFFL_SIR_IOPM_2_20210402T113237_20210402T114550_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SR_JOPM_2_20210402T122739_20210402T124001_0001 and Backscatter Quality CGG and the COGG Altimeter Range and Backscatter Quality Flags have been altimeter Range and Backscatter Quality F	CS_OFFL_SIR_IOPM_2_20210402T115828_20210402T122600_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPM_2_20210402T124803_20210402T125801_C001 and Backscatter Quality COCG Attimeter Range and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality COCG Attimeter Range and Backscatter Quality Flags have been attimeter Range and Backscatter Quality COCG Attimeter Range and Backscatter Quality Flags have been attimeter Range SNA, SWH and Backscatter Quality Flags have been attimeter Range SNA, SWH and Backscatter Quality Flags have been attimeter Range SNA, SWH and Backscatter Quality Flags have been attimeter Range SNA, SWH and Backscatter Quality Flags have been attimeter Range SNA, SWH and Backscatter Quality Flag	CS_OFFL_SIR_IOPM_2_20210402T122739_20210402T123049_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPM_2_202104027132025_0001 and Backscatter Quality pet for one or more records. CS_OFFL_SIR_JOPM_2_202104027133428_202104027133686_0001 OCOG Altimeter Range and Backscatter Quality. OCOG Altimeter Range and Backscatter Quality. Flags have been at or one or more records. The OCOG Altimeter Range and Backscatter Quality. Flags have been at or one or more records. CS_OFFL_SIR_JOPM_2_202104027133428_202104027133456_0001 Ocean Altimeter Range SHA. SWH and Backscatter Quality. Flags have been at and backscatter Quality. COCG Altimeter Range, SSHA. SWH and Backscatter Quality. Flags have been at and backscatter Quality. COCG Altimeter Range and Backscatter Quality. COCG Altimeter Range, SSHA. SWH and Backscatter Quality. Flags have been at and backscatter Quality. COCG Altimeter Range, SSHA. SWH and Backscatter Quality. Flags have been at and backscatter Quality. COCG Altimeter Range, SSHA. SWH and Backscatter Quality. Flags have been at and backscatter Quality. COCG Altimeter Range, SSHA. SWH and Backscatter Quality. Flags have been at and backscatter Quality. COCG Altimeter Range, SSHA. SWH and Backscatter Quality. Flags have been at the COCG Altimeter Range, SSHA. SWH and Backscatter Quality. Flags have been at and backscatter Quality. COCG Altimeter Range, SSHA. SWH and Backscatter Quality. Flags have been at the COCG Altimeter Range and Backscatter Quality. Flags have been at for one or more records. CS_OFFL	CS_OFFL_SIR_IOPM_2_20210402T124903_20210402T125601_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
DS_OPTC_SIR_IOPM_2_20210402T13362_00210402T13356_0001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20210402T133827_00210402T13356_001 Ocean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCGO Altimeter Range and Backscatter Quality Flags have been at the OCG	CS_OFFL_SIR_IOPM_2_20210402T125617_20210402T132025_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T133827_20210402T134356_C001 and Backscatter Quality, COCG and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SSHA_SWH and Backscatter Quality, COCG and the OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH CS_OFFL_SIR_IOPM_2_20210402T135452_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG and the OCOG Altimeter Range, SSHA, SWH CS_OFFL_SIR_IOPM_2_20210402T135725_20210402T140601_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA_SWH and Backscatter Quality, OCOG The Ocean Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20210402T142351_20210402T142759_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_IOPM_2_20210402T142351_20210402T143149_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range and Backscatter Quality Flags have been set GS_OFFL_SIR_IOPM_2_20210402T143252_20210402T143149_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range and Backscatter Quality Flags have been set GS_OFFL_SIR_IOPM_2_20210402T143252_20210402T143149_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range and Backscatter Quality Flags have been set GS_OFFL_SIR_IOPM_2_20210402T143252_20210402T144320_C001 Ocean Altimeter Range,	CS_OFFL_SIR_IOPM_2_20210402T133428_20210402T133636_C001		
CS_OFFL_SIR_IOPM_2_20210402T135452_C001 and Backscatter Quality, COGG Altimeter Range and Backscatter Quality Set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T135725_20210402T140601_C001 Ocean Altimeter Range, SHA, SWH 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_20210402T142351_20210402T142759_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T142351_20210402T142759_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality. OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality. OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality. OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Qu	CS_OFFL_SIR_IOPM_2_20210402T133827_20210402T134356_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T135725_20210402T140601_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T142351_20210402T142759_C001 COCGA Altimeter Range Quality, OCOG CS_OFFL_SIR_IOPM_2_20210402T142921_20210402T14379_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_IOPM_2_20210402T143252_20210402T143262_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH CS_OFFL_SIR_IOPM_2_20210402T143252_20210402T15300_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T15137_20210402T151601_C001 OCCGA Altimeter Range ALTIMETer Range, SSHA, SWH CS_OFFL_SIR_IOPM_2_20210402T1517	CS_OFFL_SIR_IOPM_2_20210402T134449_20210402T135452_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T142921_20210402T143149_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20210402T142921_20210402T143149_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T143252_20210402T14320_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T145119_20210402T150300_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T15130_2010402T150300_C001 Ocean Altimeter Range and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T15101_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T151741_20210402T153244_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T153423_20210402T153507_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more	CS_OFFL_SIR_IOPM_2_20210402T135725_20210402T140601_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T142921_20210402T143149_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T143252_20210402T14320_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T145119_20210402T150300_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T145119_20210402T150300_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_IOPM_2_20210402T15103_C001 OCCG Altimeter Range Quality, OCOG Backscatter Quality The OCean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T151137_20210402T151601_C001 OCCG Altimeter Range, SHA, SWH and 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_IOPM_2_20210402T151741_20210402T153244_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_IOPM_2_20210402T153423_20210402T153507_C001 Ocean Altimeter Ran	CS_OFFL_SIR_IOPM_2_20210402T142351_20210402T142759_C001		
CS_OFFL_SIR_IOPM_2_20210402T143252_20210402T14320_C001and Backscatter Quality, OCOG Altimeter Range and Backscatter Qualityand the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter QualityThe Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been at for one or more records.CS_OFFL_SIR_IOPM_2_20210402T151137_20210402T151601_C001OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOGThe OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.CS_OFFL_SIR_IOPM_2_20210402T151741_20210402T153244_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been ad Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beenCS_OFFL_SIR_IOPM_2_20210402T153423_20210402T153507_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have beenThe Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beenCS_OFFL_SIR_IOPM_2_20210402T153423_20210402T153507_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have beenThe Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality	CS_OFFL_SIR_IOPM_2_20210402T142921_20210402T143149_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T145119_20210402T150300_C001and Backscatter Quality, OCOG Altimeter Range and Backscatter Qualityand the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.CS_OFFL_SIR_IOPM_2_20210402T151137_20210402T151601_C001OCOG Altimeter Range Quality, OCOG Backscatter QualityThe OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.CS_OFFL_SIR_IOPM_2_20210402T151741_20210402T153244_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter QualityThe Ocean Altimeter Range, SSHA, SWH 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_20210402T153423_20210402T153507_C001Ocean 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 Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.CS_OFFL_SIR_IOPM_2_20210402T153423_20210402T153507_C001Ocean 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_20210402T153509_20210402T154848_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOGThe Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20210402T143252_20210402T144320_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T151741_20210402T153244_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20210402T151741_20210402T153244_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_20210402T153423_20210402T153507_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 and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_IOPM_2_20210402T153509_20210402T154848_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags a	CS_OFFL_SIR_IOPM_2_20210402T145119_20210402T150300_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T151741_20210402T153244_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T153423_20210402T153507_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 to rone or more records. CS_OFFL_SIR_IOPM_2_20210402T153509_20210402T153509_20210402T154848_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	CS_OFFL_SIR_IOPM_2_20210402T151137_20210402T151601_C001		
CS_OFFL_SIR_IOPM_2_20210402T153423_20210402T153507_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been S_OFFL_SIR_IOPM_2_20210402T153509_20210402T154848_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been	CS_OFFL_SIR_IOPM_2_20210402T151741_20210402T153244_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T153509_20210402T154848_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_IOPM_2_20210402T153423_20210402T153507_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_IOPM_2_20210402T153509_20210402T154848_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CD, OPEL DR, UPPL 2, 2019402116142, 2019602116183, C001 Source Althouse Range GRB, SDFF The Consent Structure Range GRB, SDFF C2, OPEL DR, UPPL 2, 2019402116142, 2019602116141, C011 Constructure Range GRB, SDFF The Constructure Range GRB, SDFF C3, OPEL DR, UPPL 2, 2019402116142, 2019602116141, C011 Constructure Range GRB, SDFF The Constructure Range GRB, SDFF C3, OPEL DR, UPPL 2, 2019402116142, 2019602116141, C011 Constructure Range GRB, SDFF The Constructure Range GRB, SDFF C4, OPEL DR, UPPL 2, 2019402116142, 2019602116141, C011 Constructure Range GRB, SDFF The CODD Althouse Range GRB, SDFF C4, OPEL DR, UPPL 2, 2019402116142, 20196021116216. C011 Constructure Range GRB, SDFF The CODD Althouse Range GRB, SDFF C4, OPEL DR, UPPL 2, 2019402116142, 20196021116216. C011 Constructure Range GRB, SDFF The CODD Althouse Range GRB, SDFF C4, OPEL DR, UPPL 2, 20194021176210, 20190021116216. C011 Constructure Range GRB, SDFF The CODD Althouse Range GRB, SDFF C4, OPEL DR, UPPL 2, 20194021176210, 201910211161021, 2019102	CS_OFFL_SIR_IOPM_2_20210402T161115_20210402T161420_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CB: OPH, SR: IOPH, 2.201402716199 3213402716291 (201 ext Backatter Daily Rough Sackatter Daily Rep Note Sein CB: OPH, SR: IOPH, 2.201402716390, 3073402716441, 201 Cost Affects Fage, SBA, SWA Backatter Daily Rep Note Sein CB: OPH, SR: IOPH, 2.201402716390, 3073402716511, 201 Cost Affects Fage, SBA, SWA Backatter Daily Rep Note Sein CB: OPH, SR: IOPH, 2.201402716719, 3073402716511, 201 Cost Affects Fage, SBA, SWA Backatter Daily Rep Note Sein CB: OPH, SR: IOPH, 2.201402716719, 3073402716512, 201 Cost Affects Fage, SBA, SWA Backatter Daily Rep Note Sein CB: OPH, SR: IOPH, 2.2014027116719, 3073402716719, 3073402	CS_OFFL_SIR_IOPM_2_20210402T161437_20210402T161826_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
 Citt, SR, ORM 2, 2021002119284, 3021002119214, 302100211921, 3021002119220, 3021002119200, 3021000211000000, 30210000000, 3021000000, 302000000, 30210000000, 3020	CS_OFFL_SIR_IOPM_2_20210402T161949_20210402T162511_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Control Description Encode Name Encode Name Encode Name C1_0FTL_SR1_0FM_2_2021002T175610_0201002T16506_0011 Cole Antenue Region SMA, SWM and Reckoult Couldy Frage Name The thereODD and the Region SMA, SWM and Reckoult Couldy Frage Name C1_0FTL_SR1_0FM_2_2021002T175610_0201002T16506_0011 Cole Antenue Region SMA, SWM and Reckoult Couldy Frage Name The One Antenue Region SMA, SWM and Reckoult Couldy Frage Name C1_0FTL_SR1_0FM_2_2021002T175610_0201002T16506_0011 Cole Antenue Region SMA, SWM and Reckoult Couldy Frage Name The One Antenue Region SMA, SWM and Reckoult Couldy Frage Name C1_0FTL_SR1_0FM_2_2021002T16506_0011 Cole Antenue Region SMA, SWM and Reckoult Couldy Frage Name The One Antenue Region SMA, SWM and Reckoult Couldy Frage Name C1_0FTL_SR1_0FM_2_2021002T16506_0011 Cole Antenue Region SMA, SWM and Reckoult Couldy Frage Name The One Antenue Region SMA, SWM and Reckoult Couldy Frage Name C1_0FTL_SR1_0FM_2_2021002T16507_001002T16507_001001 Cole Antenue Region SMA, SWM and Reckoult Couldy Frage Name The One Antenue Region SMA, SWM and Reckoult Couldy Frage Name C1_0FTL_SR1_0FM_2_2021002T16507_001002T16507_001001 Cole Antenue Region SMA, SWM and Reckoult Couldy Frage Name The One ANtenue Region SMA, SWM and Reckoult Couldy Frage Name C1_0FTL_SR1_0FM_2_2021002T16507_001001 Cole Antenue Region SMA, SWM and Reckoult Couldy Frage Name The One ANtenue Region SMA, SWM and Reck	CS_OFFL_SIR_IOPM_2_20210402T162649_20210402T164411_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
DB_OFT_URLOW_2.20104071171912.001 mithter bank and the Quarky DOGS CB_OFT_URLOW_2.2010407117011_2010607118038_COIL Deer Altered Reary. SBN, Ville CB_OFT_URLOW_2.2010407117011_2010607118038_COIL Deer Altered Reary. SBN, Ville CB_OFT_URLOW_2.2010407117011_2010607118038_COIL Deer Altered Reary. SBN, Ville CB_OFT_URLOW_2.2010407118038_COIL Deer Altered Reary. SBN, Ville CB_OFT_URLOW_2.2010407120138_COIL Deer Altered Reary. SBN, Ville	CS_OFFL_SIR_IOPM_2_20210402T164629_20210402T165514_C001		
CBL_CPFL_SRL_OPFL_2_102164071178153_10216407118230_0001 Matterie Rage SAM, SWH The COCO Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407118280_0021 COCO Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407118280_0021 COCO Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407118280_0021 COCEA Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407118280_0021 COCEA Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407118280_0021 COCEA Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407118280_0021 COCEA Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_1021640718287_20216407182850_0021 COCEA Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407181280_0021 COCEA Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407181287_0016407181280_0021 COCEA Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407181280_0021 COCEA Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407181287_0016407181280_0021 COCEA Allinetic Rage SMH, SWH and Backstother Custly Flags have been RM CBOFFL_SRL_OPFL_2_10216407181280_0021 COCEA Allinetic Rage SMH, SWH and Backstother	CS_OFFL_SIR_IOPM_2_20210402T165723_20210402T171949_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Contruction Besidential County Earlier County Earlier County CS_OFFL_SR_UPPL_2.0210402718305_20210402718301_COUNT Doesn Allmeter Rangs, SMA, WH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Rangs, SMA, SWH and State Range SMA, SWH and State Range SMA, SWH and State Range SMA, SWH and State	CS_OFFL_SIR_IOPM_2_20210402T175613_20210402T182336_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C2_0FL_SR_UCPU_2/2014407119302_2014407119304_001 min the decade function of the core sector. Deca OFL_SR_UCPU_2/2014407119307_2014407119300_001 min the core sector. Deca OFL_SR_UCPU_2/2014407119307_2014407119300_001 min the core sector. Deca OFL_SR_UCPU_2/2014407119307_2014407119300_001 min the core sector. Deca OFL_SR_UCPU_2/2014407119307_2014407119307_001 min the core sector. Deca OFL_SR_UCPU_2/2014407119307_201440710300_001 min the core sector. Deca OFL_SR_UCPU_2/2014407119307_201440710307_001 min the core sector. Deca OFL_SR_UCPU_2/2014407119307_201440710307_001 min the core sector. Deca OFL_SR_UCPU_2/2014407120376_201440721037_001 min the core sector. Deca OFL_SR_UCPU_2/2014407120376_2014407210316_001 min the core sector. Deca OFL_SR_UCPU_2/2014407120376_2014407210316_001 min the core sector. Deca OFL_SR_UCPU_2/2014407120376_2014407120314_001 min the core sector. Deca OFL_SR_UCPU_2/2014407120314_2014407120328_001 min the core sector. Deca OFL_SR_UCPU_2/2014407120314_20214407120328_001 min the core sector. Deca OFL_SR_UCPU_2/2014407120314_20214407120328_0001 min the core sector. Deca OFL_SR_UCPU_2/20144071214014_20214407120328_0001 min the core sector. Deca OFL_SR_UCPU_2/20144071214014_20214407121310. Deca OFL_SR_UCPU_2/202144071214014_20214407121310. Deca OFL_SR_UCPU_2/202144071214014_20214407121310. Deca OFL_SR_UCPU_2/202144071214014_20214407121310. Deca OFL_SR_UCPU_2/202144071214014_20214407121310. Deca OFL_SR_UCPU_2/202144071214014_20214407121310. Deca OFL_SR_UCPU_2/202144071214014_20214407121310. Deca OFL_SR_UCPU_2/202144071214014_20214407121310. Deca OFL_SR_UCPU_2/202144071214014_20214407121301. Deca OFL_SR_UCPU_2/202144071214014_20214407121301. Deca OFL_SR_UCPU_2/2021440712214014_20214407121301. Deca OFL_SR_UCPU_2/202144071221	CS_OFFL_SIR_IOPM_2_20210402T182840_20210402T183308_C001		
C6_OFFL_SIR_UPM_2_28214402T19387_30214402T19381_0001 and Basksather Quality CoCG C6_OFFL_SIR_UPM_2_28214402T193427_30214402T19383_0001 and Basksather Quality CoCG C6_OFFL_SIR_UPM_2_28214402T193427_30214402T20023_0001 Ocean Attimeter Range and Basksather Quality CoCG C6_OFFL_SIR_UPM_2_28214402T201547_30214402T20035_001 OCGA Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T201547_001 OCGA Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T201547_001 OCGA Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T201547_001 OCGA Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T201542_20214402T20544_001 Ocean Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T201547_0021402T20545_001 OCGA Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T210517_00214407T21431_0011 Ocean Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T21617_0214407T21431_0011 OCGA Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T21671_0214407T21431_0011 OCGA Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T21671_0214407T216210_0011 OCGA Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T21671_0214407T216210_0011 OCGA Attimeter Range Outling CoCGA C6_OFFL_SIR_UPM_2_28214402T21671_0214407T216210_0011 OCGA Attimeter Range	CS_OFFL_SIR_IOPM_2_20210402T183605_20210402T190348_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPM_2_2021040271201347_2001 and Backscatter Quality, COCO and Backscatter Quality, COCO Backscatter Quality, COCO Altimeter Range and Backscatter Quality Flags have been set backscatter Quality, COCO Altimeter Range Quality, COCO Altimeter Range Quality, COCO Altimeter Range Altimeter Range Altimeter Range SHA, SWH and Backscatter Quality The OCOR Altimeter Range SHA, SWH and Backscatter Quality, Flags have been set backscatter Quality, COCO Altimeter Range and Backscatter Quality, Flags have been set backscatter Quality, COCO Altimeter Range and Backscatter Quality, Flags have been set backscatter Quality, COCO Altimeter Range and Backscatter Quality, Flags have been set backscatter Quality, COCO Altimeter Range and Backscatter Quality, Flags have been set backscatter Quality, Flags have been set for one or none records. CS_OFFL_SIR_JOPM_2_20210402T210517_20210402T21519_CODI Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or none records. CS_OFFL_SIR_JOPM_2_20210402T215032_20210402T215032_20210402T215032_20210402T215032_20210402T215032_20210402T215032_20210402T22503_0001 Ocean 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, 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, SSHA, SWH and Backscat	CS_OFFL_SIR_IOPM_2_20210402T193027_20210402T193301_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Displant Description Description Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_202104027201512_202104027203014_C001 Costa Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_202104027201512_202104027200514_202104027201512_202104027214131_C001 Ocean Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_202104027210517_202104027214131_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_202104027214704_202104027214131_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_202104027214500_Q12014027215101_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_202104027215303_202104027220200_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_202104027225308_C0101 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_202104027225308_C02101 Ocean Altimeter Range, SSHA, SW	CS_OFFL_SIR_IOPM_2_20210402T193427_20210402T200233_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T201512_20210402T203014_C001 and Badsscatter Quality COCG and texture range and Badsscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T210617_20210402T214131_C001 OCCGA Altimeter Range Quality.COCG the OCCGA Altimeter Range and Badsscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T21617_20210402T214131_C001 OCCGA Altimeter Range SISHA, SWH and Badsscatter Quality Flags have been set for one or more records. the OCCGA Altimeter Range and Badsscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T214704_20210402T215701_C001 OCCGA Altimeter Range SISHA, SWH and Badsscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T215701_C001 OCCEA Altimeter Range SISHA, SWH and Badsscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T215500_20210402T215701_C001 OCCEA Altimeter Range. SISHA, SWH and Badsscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T222688_20210402T222200_C001 OCCEA Altimeter Range. SISHA, SWH and Badsscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T222688_20210402T222680_C001 OCCEA Altimeter Range. SISHA, SWH and Badsscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T222688_20210402T222680_C001 OCCEA Altimeter Range. SISHA, SWH and Badsscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20210402T200756_20210402T201347_C001		
DS_OPPE_SIR_IOPM_2_20210402T200017_20210402T214131_0001 Backscatter Quality for one or more records. CS_OPFE_SIR_IOPM_2_20210402T210017_20210402T214131_0001 Doean Attmater Range SSHA, SWH and backscatter Quality, COCO, Attmater Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T215000_20210402T220201_001 Deean Attmater Range, SSHA, SWH and Backscatter Quality, Flags have been attinger and Backscatter Quality, COCO, Attmater Range, SSHA, SWH and Backscatter Quality, Flags have been attinger and Backscatter Quality, COCO, Attmater Range, SSHA, SWH and Backscatter Quality, Flags have been atter Backscatter Quality, COCO, Attmater Range, SSHA, SWH and Backscatter Quality, Flags have been atter Backscatter Quality, COCO, Attmater Range, SSHA, SWH and Backscatter Quality, Flags have been atter Backscatter Quality, COCO, Attmater Range, SSHA, SWH and Backscatter Quality, Flags have been atter Cock Attmater Range, SSHA, SWH and Backscatter Quality, Flags have been atter Cock Attmater Range, SSHA, SWH and Backscatter Quality, Flags have been atter Goe or more records. CS_OFFL_SIR_IO	CS_OFFL_SIR_IOPM_2_20210402T201512_20210402T203014_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T210617_20210402T215219_C001 and Backscatter Quality. COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T214704_20210402T215219_C001 CCCG Altimeter Range Quality. CCCG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T215353_20210402T215701_C001 CCCG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCCG Altimeter Range and Backscatter Quality Flags have been and the CCCG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCGG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCGG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCGG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCGG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCGG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCGG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCGG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCGG Altimeter Range.SSHA, SWH and Backscatter Quality Flags have been and the CCGG Altimeter Range and Backscatter Quality Flags have been and the CCGG Altimeter Range and Backscatter Quality Flags have been and the CCGG Altimeter Range and Backscatter Quality Flags have been and the CCGG Altimeter Range and Backscatter Quality Flags have been and the CCGG Altimeter Range and Backscatter Quality Flags have been and the CCGG Altimeter Range and Backscatter Quality Flags have been and the CCGG Altimeter Range and Backscatter Quality Flags have been and the CCGG Altimeter Range and Backscatter Quality Fl	CS_OFFL_SIR_IOPM_2_20210402T205144_20210402T205225_C001		
CS_OFFL_SIR_IOPM_2_202104021214704_202104021215701_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20210402T215353_20210402T215701_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality. OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T225754_20210402T2325766_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T2332121_C001 OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOP	CS_OFFL_SIR_IOPM_2_20210402T210617_20210402T214131_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T21533_20210402T215701_C001 and Backscatter Quality, COGG and the CCGG Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SHA, SWH and Backscatter Quality Flags have been Altimeter Range, SHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20210402T22938_20210402T22920_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20210402T22938_20210402T22920_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COGG CS_OFFL_SIR_IOPM_2_20210402T224628_20210402T225508_C001 Ocean Altimeter Range, SSHA, SWH 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, SSHA, SWH 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, COG Altimeter Range, SSHA, SWH 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, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T232706_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T232512_C001 OCCGA Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T232512_C0	CS_OFFL_SIR_IOPM_2_20210402T214704_20210402T215219_C001		
CS_OFFL_SIR_IOPM_2_20210402T25900_20210402T220201_C001 and Backscatter Quality. OCCG Altimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T222938_20210402T223220_C001 Ocean Altimeter Range, SSHA, SWH 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, SSHA, SWH 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, SSHA, SWH 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, SSHA, SWH 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, SSHA, SWH 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, SSHA, SWH and Backscatter Quality Flags have been at the OCCG Altimeter Range and Backscatter Quality Flags have been at the OCCG Altimeter Range and Backscatter Quality Flags have been at the OCCG Altimeter Range and Backscatter Quality Flags have been at the OCCG Altimeter Range and Backscatter Quality Flags have been at the OCCG Altimeter Range and Backscatter Quality Flags have been at the one or more records. CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T232706_C001 OCCG Altimeter Range Quality, OCCG The OCGG Altimeter Range and Backscatter Quality Flags have been at the occord Altimeter Ra	CS_OFFL_SIR_IOPM_2_20210402T215353_20210402T215701_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T222938_20210402T22320_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, OCOG COG Altimeter Range and Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T232706_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_20210402T232713_20210402T232121_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_20210402T233255_20210402T234626_C001 Ocean Altimeter Range, SSHA, SWH Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Plags have been altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality, Flags have been altime	CS_OFFL_SIR_IOPM_2_20210402T215900_20210402T220201_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T224628_20210402T225508_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T225754_20210402T232033_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T225754_20210402T232033_C001 Ocean Altimeter Range, Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T232033_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T232706_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_20210402T232713_20210402T233121_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimete	CS_OFFL_SIR_IOPM_2_20210402T222938_20210402T223220_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T235754_20210402T232033_C001and Backscatter Quality, OCOG Attimeter Range and Backscatter Qualityand the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T232542_20210402T232706_C001OCOG Altimeter Range Quality, OCOG Backscatter QualityThe OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.CS_OFFL_SIR_IOPM_2_20210402T232713_20210402T233121_C001OCOG Altimeter Range Quality, OCOG Backscatter QualityThe OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.CS_OFFL_SIR_IOPM_2_20210402T233255_20210402T233626_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been ad the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOGThe Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.CS_OFFL_SIR_IOPM_2_20210402T234814_20210402T235531_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been ad the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beenCS_OFFL_SIR_IOPM_2_20210402T235618_20210403T000047_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOGThe Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been	CS_OFFL_SIR_IOPM_2_20210402T224628_20210402T225508_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T2322706_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20210402T232713_20210402T233121_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_20210402T233255_20210402T233626_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_IOPM_2_20210402T233255_20210402T234626_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPM_2_20210402T2334814_20210402T235531_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Qual	CS_OFFL_SIR_IOPM_2_20210402T225754_20210402T232033_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T232713_20210402T233121_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_IOPM_2_20210402T233255_20210402T2334626_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG CS_OFFL_SIR_IOPM_2_20210402T235618_20210403T000047_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG	CS_OFFL_SIR_IOPM_2_20210402T232542_20210402T232706_C001		
CS_OFFL_SIR_IOPM_2_20210402T233255_20210402T234626_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been S_OFFL_SIR_IOPM_2_20210402T234814_20210402T235531_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH 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 have been CS_OFFL_SIR_IOPM_2_20210402T235618_20210403T000047_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_IOPM_2_20210402T235618_20210403T000047_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been	CS_OFFL_SIR_IOPM_2_20210402T232713_20210402T233121_C001		
CS_OFFL_SIR_IOPM_2_20210402T234814_20210402T235531_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_20210402T235618_20210403T000047_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags	CS_OFFL_SIR_IOPM_2_20210402T233255_20210402T234626_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20210402T235618_20210403T000047_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_IOPM_2_20210402T234814_20210402T235531_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_IOPM_2_20210402T235618_20210403T000047_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_IOPN_2_20210402T025810_20210402T030144_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20210402T035025_20210402T035340_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20210402T064739_20210402T064853_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20210402T112234_20210402T112606_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20210402T124355_20210402T124432_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20210402T151110_20210402T151137_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20210402T173052_20210402T173111_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20210402T201347_20210402T201512_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20210402T205430_20210402T205526_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20210402T222434_20210402T222526_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20210402T041556_20210402T041809_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20210402T042321_20210402T042927_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20210402T123331_20210402T123335_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20210402T142916_20210402T142921_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_IOPN_2_20210402T010049_20210402T010140_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_20210402T014934_20210402T015114_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_20210402T024217_20210402T024440_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_20210402T025810_20210402T030144_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_20210402T032854_20210402T033040_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_20210402T035601_20210402T040136_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_20210402T041434_20210402T041556_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_20210402T041849_20210402T042321_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_20210402T043949_20210402T044249_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

C3. OFFL GRU C4000 T1000 T1000 QUE C4000 QUE C4000 T1000 QUE C4000 QUE C40000 QUE C4000 QUE C4000 QUE C4000 QUE C4000 QUE C4000 QUE C4000 Q	CS_OFFL_SIR_IOPN_2_20210402T050757_20210402T051003_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.
Control Contro Contrel Control Control Control Control Control Control	CS_OFFL_SIR_IOPN_2_20210402T051708_20210402T052012_C001		
 Care J, Ball, Donis J, 2019 Automatical J, 2019 Autom	CS_OFFL_SIR_IOPN_2_20210402T055759_20210402T060144_C001		
GR_CHPL_BRUCH_2_20210027102869_20210027102800_001	CS_OFFL_SIR_IOPN_2_20210402T061739_20210402T062149_C001		
0.0FL_SR_0PL_2.821042710407.221042710407.201042710407.0011 minute the could a function if points in the second and the second	CS_OFFL_SIR_IOPN_2_20210402T083656_20210402T083809_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C6, CPTL_SRUGPL_2.2021402T103001_2021402T10323_L001 mit Bedwaterbar During (PLM, OCC) mit Bedwaterbar	CS_OFFL_SIR_IOPN_2_20210402T091637_20210402T091809_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OPFL_SIR_UPH_2_202104021101652_0010 and Backsetter Outping The decomposition of the second and any register of the second and and register of the second and register of the second and and register of the second and register of th	CS_OFFL_SIR_IOPN_2_20210402T093010_20210402T093133_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCDG Backsotter Guilty OCDG Backsotter Guilty The Code Altered Range SNA, SW1 and Backsotter Guilty Range The Code Altered Range and Backsotter Guilty Range The Code Altered Range SNA, SW1 and Backsotter Guilty Range The Code Altered Range SNA, SW1 and Backsotter Guilty Range The Code Altered Range SNA, SW1 and Backsotter Guilty Range The Code Altered Range SNA, SW1 The Code Altered Ran	CS_OFFL_SIR_IOPN_2_20210402T101345_20210402T101652_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_JOPN_2_20216402713233_202164027123740_C001 and Baskaster Doubly PLM. CCOD Minter Range and Backaster Calably Flags have been and backaster Calably Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_202164027163761_202164027163061_20216402715764_2001 COCO Almeter Range SSH, SMH and Backaster Calably Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_20216402716561_202164027165764_2001 COCO Almeter Range SSH, SMH and Backaster Calably Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_20216402716661_202164027165764_2001 COCO Almeter Range Calably PLAN. COCO Almeter Range Calably Flags have been set for one or more reco	CS_OFFL_SIR_IOPN_2_20210402T112234_20210402T112606_C001		
GS_OFFL_SIR_JOPN_2_20210402T12455_20210402T124452_001 and Backsatter Quality PLRM_0COG mit Dotation dimeter Range, SSM, SWH and Backsatter Quality Flags GS_OFFL_SIR_JOPN_2_20210402T122607_20210402T124616_001 Dotation dimeter Range, SSM, SWH and Backsatter Quality Flags the Ocean Attimeter Range, SSM, SWH and Backsatter Quality Flags GS_OFFL_SIR_JOPN_2_20210402T13255_20210402T132659_001 Dotation dimeter Range, SSM, SWH and Backsatter Quality Flags the Ocean Attimeter Range, SSM, SWH and Backsatter Quality Flags GS_OFFL_SIR_JOPN_2_20210402T13255_20210402T132559_001 Dotation dimeter Range, SSM, SWH and Backsatter Quality Flags the Ocean Attimeter Range, SSM, SWH and Backsatter Quality Flags GS_OFFL_SIR_JOPN_2_20210402T13255_20210402T132559_001 Dotation dimeter Range, SSM, SWH and Backsatter Quality Flags the Ocean Attimeter Range, SSM, SWH and Backsatter Quality Flags GS_OFFL_SIR_JOPN_2_20210402T16762_001 Dotation dimeter Range, SSM, SWH and Backsatter Quality Flags the Ocean Attimeter Range, SSM, SWH and Backsatter Quality Flags GS_OFFL_SIR_JOPN_2_20210402T16701_001 Dotation dimeter Range, SSM, SWH and Backsatter Quality Flags the Ocean Attimeter Range, SSM, SWH and Backsatter Quality Flags GS_OFFL_SIR_JOPN_2_20210402T16701_001 Dotation dimeter Range, SSM, SWH and Backsatter Quality Flags the Ocean Attimeter Range, SSM, SWH and Backsatter Quality Flags GS_OFFL_SIR_JOPN_2_20210402T167001_00210402T1671674_0001 Docean Attimeter Range, SSM, SWH the Ocean	CS_OFFL_SIR_IOPN_2_20210402T123733_20210402T123748_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_IOPN_2_202104021124507_202104021124506_0001 and Baskaster Quality Flags NUM Indiversing and Baskaster Quality Flags and Baskaster Quality Flags and Baskaster Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_202104021132725_202104021132950_0001 Ammer Range and Baskaster Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_202104021140742_002104021132950_0001 Ocean Alimeter Range and Backaster Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_202104021140742_002104021150300_0001 Ocean Alimeter Range and Backaster Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_202104021150300_0210402115043_0001 OCOG Alimeter Range and Backaster Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_202104021151001_202104021151741_0001 OCOG Alimeter Range and Backaster Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_20210402116063_202104021161415_0001 OCOG Alimeter Range and Backaster Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_20210402116063_202104021161415_0001 OCOG Alimeter Range and Backaster Quality Flags have been set for one or more records. GS_OFFL_SIR_JOPN_2_20210402116063_202104021161440_0001 OCOG Alimeter Range Quality PLRM. The OCOG Range and Backaster Quality Flags have been set for one or more records. GS_OFFL_SIR_JOPN_2_202104021162645_0001 OCOG Alimeter Range Quality PLRM. The OCOG Range and	CS_OFFL_SIR_IOPN_2_20210402T124355_20210402T124432_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_JOPN_2_20210402T132752_0210402T132582_0001 and Backscatter Quality PLRM, CCG and Backscatter Quality PLRM, CCG GS_OFFL_SIR_JOPN_2_20210402T140742_02210402T14083_C001 Cocan Altimeter Range, SSHA, SWL and Backscatter Quality Flags, and Each Scatter Quality Flags	CS_OFFL_SIR_IOPN_2_20210402T124507_20210402T124616_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_IOPN_2_20210402T140742_20210402T140931_C001 and Backscatter Quality PLRM, COCO Allimeter Range and Backscatter Quality PLRM, COCO Backscatter Quality PLRM, The OCOR Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_20210402T151601_20210402T151741_C001 Ocean Alimeter Range, SSHA, WHCA Alimeter Range and Backscatter Quality PLRM, COCO Backscatter Quality PLRM, The OCOR Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_20210402T151601_20210402T151741_C001 Ocean Alimeter Range, SSHA, WHCA Alimeter Range Quality PLRM, COCO Backscatter Quality PLRM, The OCOR Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_20210402T161826_20210402T161115_C001 OCOCO Alimeter Range Quality PLRM, COCO Backscatter Quality The OCOCR Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_20210402T161826_20210402T161849_C001 OCOC Alimeter Range Quality PLRM, COCO Backscatter Quality The OCOCR Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_20210402T16251_20210402T162549_C001 OCOCA Alimeter Range, SSHA, SWH and Backscatter Quality PLRM, COCO Backscatter Quality The OCOCR Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_20210402T16250_200100 OCOCA Alimeter Range Quality PLRM, COCO Backscatter Quality The OCOCR Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_IOPN_2_	CS_OFFL_SIR_IOPN_2_20210402T132725_20210402T132959_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_20210402T151601_20210402T151741_C001 OCCG Backscater Quality more records. CS_OFFL_SIR_IOPN_2_20210402T151601_20210402T151741_C001 OCCG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLBgs, and Backscatter Quality CS_OFFL_SIR_IOPN_2_20210402T16101_20210402T161115_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality FLBgs have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T161826_20210402T161949_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality FLBgs have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T161826_20210402T161949_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality FLBgs have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T162511_20210402T162549_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality FLBgs have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T16250_20210402T162549_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality FLBgs have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T16250_20210402T162649_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality FLBgs have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T172150_20210402T172457_C001 OCCG Backscatter Quality PLRM, OCCG Range and Backscatter Quality FLBgs have been set for one or more records. CS_OFFL_SIR_JOPN_2_	CS_OFFL_SIR_IOPN_2_20210402T140742_20210402T140931_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_JOPN_2_20210402T151601_20210402T151741_C001 and Backscatter Quality PLRM, QOOG Interformation Range and Backscatter Quality PLRM, QOOG CS_OFFL_SIR_JOPN_2_20210402T161055_20210402T161115_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T161826_20210402T161949_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T16126511_20210402T162649_C001 OCCG Backscatter Quality The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T162511_20210402T162649_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T162631_20210402T162649_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T162459_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T172150_20210402T17245_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_JOPN_2_20210402T172150_20210402T17245_C001 <	CS_OFFL_SIR_IOPN_2_20210402T150300_20210402T150843_C001		
CS_OFFL_SIR_IOPN_2_20210402T161826_20210402T161849_C001 OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, Dimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, DCOG Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allimeter Range, and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T162511_20210402T162649_C001 OCOG Allimeter Range Quality PLRM, OCOG Allimeter Range and Backscatter Quality Flags have been PLRM The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T164650_20210402T164629_C001 OCOG Allimeter Range Quality PLRM, OCOG Allimeter Range Quality PLRM, OCOG Allimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T172150_20210402T172457_C001 OCOG Allimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T172150_20210402T172457_C001 OCOG Allimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T172150_20210402T174604_C001 OCOG Allimeter Range, SHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174704_20210402T174604_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality	CS_OFFL_SIR_IOPN_2_20210402T151601_20210402T151741_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_20210402T162649_2001 OCOG Backscatter Quality more records. CS_OFFL_SIR_IOPN_2_20210402T162611_20210402T162649_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_IOPN_2_20210402T162649_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T164450_20210402T164629_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_20210402T172150_20210402T172457_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_20210402T172553_20210402T172457_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_20210402T172553_20210402T172724_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174704_20210402T174826_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more	CS_OFFL_SIR_IOPN_2_20210402T160953_20210402T161115_C001		
CS_OFFL_SIR_IOPN_2_20210402T162511_20210402T162649_C001 Interfer Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T164450_20210402T164629_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T172150_20210402T172457_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T172553_20210402T172457_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T172553_20210402T172724_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T17245_C001 OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 OCOG Attimeter Range Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174704_20210402T174826_C001 OCOG Attimeter Range Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174704_20210402T174826_C001 OCOG Attimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. </td <td>CS_OFFL_SIR_IOPN_2_20210402T161826_20210402T161949_C001</td> <td></td> <td>, , , , , , , , , , , , , , , , , , ,</td>	CS_OFFL_SIR_IOPN_2_20210402T161826_20210402T161949_C001		, , , , , , , , , , , , , , , , , , ,
CS_OFFL_SIR_IOPN_2_20210402T176459_0001 OCOG Backscatter Quality more records. CS_OFFL_SIR_IOPN_2_20210402T172150_20210402T172457_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_20210402T172553_20210402T172724_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_20210402T172553_20210402T172724_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174704_20210402T174826_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_20210402T191333_20210402T191352_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_20210402T191333_20210402T191352_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_20210402T162511_20210402T162649_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_20210402T172150_20210402T172457_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_IOPN_2_20210402T172553_20210402T172724_C001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174704_20210402T174826_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_20210402T191333_20210402T191352_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_20210402T191333_20210402T191352_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_20210402T191333_20210402T190756_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_20210402T190403_20210402T200756_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_20210402T164450_20210402T164629_C001		
CS_OFFL_SIR_IOPN_2_20210402T17233_20210402T172124_0001 OCOG Backscatter Quality more records. CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174704_20210402T174826_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_20210402T174704_20210402T174826_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_20210402T191333_20210402T191352_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_20210402T191333_20210402T191352_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_20210402T191333_20210402T191352_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_20210402T191333_20210402T190756_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_20210402T172150_20210402T172457_C001		
CS_OFFL_SIR_IOPN_2_20210402T174117_20210402T174604_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 and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T174704_20210402T174826_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_20210402T191333_20210402T191352_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_20210402T191333_20210402T191352_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_20210402T191333_20210402T200756_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_20210402T172553_20210402T172724_C001		
CS_OFFL_SIR_IOPN_2_20210402T174704_20210402T174626_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_IOPN_2_20210402T191333_20210402T191352_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_20210402T191333_20210402T191352_C001 OCOG Altimeter Range Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_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_20210402T174117_20210402T174604_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_202104021191333_202104021191352_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_20210402T174704_20210402T174826_C001		
	CS_OFFL_SIR_IOPN_2_20210402T191333_20210402T191352_C001		
	CS_OFFL_SIR_IOPN_2_20210402T200403_20210402T200756_C001		

CS_OFFL_SIR_IOPN_2_20210402T201347_20210402T201512_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_20210402T215219_20210402T215329_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_20210402T222827_20210402T222938_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_20210402T232124_20210402T232542_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_20210402T235531_20210402T235618_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_20210402T010004_20210402T010039_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_20210402T010524_20210402T011238_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_20210402T011444_20210402T011933_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_20210402T020043_20210402T020719_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_20210402T022008_20210402T022110_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_20210402T023420_20210402T023700_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_20210402T023812_20210402T024217_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_20210402T024440_20210402T025138_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_20210402T041556_20210402T041809_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_20210402T042321_20210402T042927_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_20210402T042930_20210402T043041_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_20210402T060144_20210402T061103_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_20210402T073838_20210402T074615_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_20210402T074639_20210402T074755_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_20210402T074925_20210402T075103_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_20210402T091809_20210402T092435_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_20210402T092435_20210402T092730_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_20210402T093133_20210402T093208_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_20210402T095515_20210402T095754_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_20210402T101652_20210402T101902_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_20210402T105359_20210402T105600_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_20210402T105616_20210402T110335_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_20210402T110335_20210402T110516_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_20210402T111015_20210402T111351_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_20210402T123050_20210402T123327_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_20210402T123338_20210402T123356_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_20210402T123748_20210402T124232_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_20210402T132025_20210402T132352_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_20210402T132405_20210402T132725_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_20210402T141019_20210402T141033_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_20210402T141550_20210402T142114_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_20210402T142114_20210402T142231_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_20210402T144320_20210402T144712_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_20210402T153244_20210402T153423_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_20210402T155605_20210402T155705_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_20210402T160750_20210402T160835_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_20210402T171949_20210402T172025_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_20210402T172114_20210402T172150_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_20210402T173405_20210402T174117_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_20210402T182336_20210402T182427_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_20210402T191147_20210402T191333_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_20210402T191352_20210402T191602_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_20210402T191614_20210402T192148_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_20210402T200233_20210402T200403_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_20210402T205106_20210402T205144_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_20210402T205526_20210402T210317_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_20210402T214131_20210402T214351_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_20210402T220201_20210402T220713_C001	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or					
	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH	more records.					
CS_OFFL_SIR_IOPR_2_20210402T223342_20210402T224628_C001	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_20210402T234626_20210402T234814_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.					
L2 Quality Flags (1 Hz & 1Hz PLRM)							
Currently, there are several common flags raised in the Level 2 products, wh							
> 1Hz and 1Hz Ocean SSHA Quality Flags: These flags are currently set for proc	ducts over sea ice, which is to be expected						
Number of products with errors: 205							
5.8 L2 Ocean Retracking Quality Check							
L2 Retracking Flags (20Hz)							
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measure	ment record. The bit value of this flag indic	ates any problems when set.					
Ocean Retracking Quality Flag: This flag is currently set for products over land a	and sea ice, but this is to be expected. The	number of products with this error flag set is given below.					
Number of products with errors: 67							
L2 Retracking Flags (20Hz, PLRM)							
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM m							
Ocean Retracking Quality Flag (PLRM): This flag is currently set for products IO	PR and IOPN products over sea ice, but th	is is to be expected.					
Number of products with errors: 145							
6. IOP L2 P	Pole-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 (.I	HDR) and a NetCDF product file (.nc).					
Number of products with errors: 0							
6.2 P2P Product Header Analysis							
For all products, a series of pre-defined checks are performed on the MPH and SF	PH in order to identify any inconsistencies a	nd/or errors raised by the ground-segment processing chain.					
Number of products with errors: 0							
6.3 P2P Auxiliary Data File Usage Check							
Each product is checked for missing Data Set Descriptors with respect to a pre-de	termined baseline and also to check the va	lidity of Auxiliary Data Files is correct.					
Number of products with errors: 0							
6.4 P2P Auxiliary Correction Error Check							
For all products, the auxiliary corrections within the Geophysical Group are checke Currently, there are some common auxiliary correction errors raised in the L		to surface type. All common flore are summarized in the list below					
followed by a table highlighting any additional issues which may arise from t		to surface type. An common hags are summarised in the list below,					
> ECMWF Meteo Corrections: Currently the following corrections are not comput 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 pro	ducts over sea ice, but this is to be expecte	ed.					
> Mean Sea Surface: The error value is currently set for products over land and s	ea ice, but this is to be expected.						
> Mean Dynamic Topography: The error value is currently set for products over I	and 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	ł.					
Number of products with errors: 29							
Product	Test Failed	Description					
CS_OFFL_SIR_IOP_220210402T001717_20210402T010653_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_20210402T010653_20210402T015632_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_220210402T015632_20210402T024608_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_220210402T024608_20210402T033546_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_20210402T033546_20210402T042523_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (solution 1), the Total Geocentric Ocean Tide (solution 1), the Total Geocentric Ocean Tide (solution 1) for one or more records							
CS_OFFL_SIR_IOP_220210402T042523_20210402T051501_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_220210402T051501_20210402T060437_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					

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

CS_OFFL_SIR_IOP_2_20210402T060437_20210402T065416_C001

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

	1	
CS_OFFL_SIR_IOP_220210402T065416_20210402T074352_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_220210402T074352_20210402T083331_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_220210402T083331_20210402T092307_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_220210402T092307_20210402T101245_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_220210402T101245_20210402T110221_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_220210402T110221_20210402T115200_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_220210402T115200_20210402T124136_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_220210402T124136_20210402T133115_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_220210402T133115_20210402T142051_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_220210402T142051_20210402T151029_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_220210402T151029_20210402T160005_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_220210402T160005_20210402T164944_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_220210402T164944_20210402T173920_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_0FFL_SIR_IOP_220210402T173920_20210402T182859_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_220210402T182859_20210402T191835_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_220210402T191835_20210402T200813_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_220210402T200813_20210402T205749_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_20210402T205749_20210402T214728_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_220210402T214728_20210402T223704_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_20210402T223704_20210402T232643_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_220210402T232643_20210403T001619_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.

Number of products with errors:

Product		Test Failed	Description		
	CS_OFFL_SIR_IOP_220210402T015632_20210402T024608_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records		

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20Hz)

CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.

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

1

Number of products with errors: 30 P2P Quality Flags (20Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected. Number of products with errors: 26

P2P Quality Flags (1 Hz & 1Hz PLRM)

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected. 30

P2P Retracking Flags (20Hz)

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

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

29

30

2134

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	185	185	4	181	0
SIR_IOPR1B	130	106	1	105	0
SIR_IOPN1B	106	130	0	130	0
SIR_IOPM_2	185	185	123	62	0
SIR_IOPR_2	130	106	42	64	0
SIR_IOPN_2	106	130	48	80	2
SIR_IOP_P2P	29	29	0	27	2

7.1 QCC Errors

Number of QCC reports with errors:			10								
					Total number	of occurrences	of each error				
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_IOPR_2	2	2	2	2							
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_IOP_2_	2	2	2	2							

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

Total number of occurrences of each warning									
Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD		
SIR_IOPM1B	181	0	0	0	0	0	0		
SIR_IOPM_2	0	0	48	52	1	42	0		
SIR_IOPN1B	104	0	0	0	0	0	0		
SIR_IOPN_2	0	0	8	35	4	24	28		
SIR_IOPR1B	126	0	0	0	0	0	0		
SIR_IOPR_2	0	2	21	37	1	25	18		

Product Type	RBSZOPOEPNCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARN	CERPEPOPFDPLRMSINNCE	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF
SIR_IOPM1B	0	0	0	0	0	0	0
SIR_IOPM_2	38	0	35	0	0	0	0
SIR_IOPN1B	0	0	0	0	0	0	0
SIR_IOPN_2	19	0	0	0	24	0	34
SIR_IOPR1B	0	0	0	0	0	0	0
SIR_IOPR_2	13	5	0	40	0	45	0
Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR IOPM1B	0	0	0	0	0	0	0

SIR_IOPM1B	0	0	0	0	0	0	0
SIR_IOPM_2	31	0	0		32	0	7
SIR_IOPN1B	0	0	0	0	0	0	0
SIR_IOPN_2	0	0	28	13	42	53	22
SIR_IOPR1B	0	0	0	0	0	0	0
SIR IOPR 2	0	36	0	3	57	26	5

Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF
SIR_IOPM1B	0	0	0	0	0	0	0
SIR_IOPM_2	43	0	3	0	0	0	0
SIR_IOPN1B	0	0	0	0	0	47	2
SIR_IOPN_2	30	25	12	1	0	0	0
SIR_IOPR1B	0	0	0	0	0	130	7
SIR IOPR 2	28	42	3	0	6	0	0

Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC	RBSZOPOEPNCDF
SIR_IOP_2_	13	29	29	7	29	16	29
Product Type	RNELPOTONCDF	RPEPOPFDPLRMSINNCD	RPEPOPFDSINNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF
Product Type SIR_IOP_2_	RNELPOTONCDF 4	RPEPOPFDPLRMSINNCD	RPEPOPFDSINNCDF 27	RPEPOPSINNCDF 21	RSSBCONCDF 14	RSSHAOFDNCDF 29	RSSHAOFDPLRMNCDF 18
	RNELPOTONCDF 4		27	RPEPOPSINNCDF 21	RSSBCONCDF 14		RSSHAOFDPLRMNCDF

SIR_IOP_2_	21	28	16	15	29		
Product Type	-	-	-	-	-	-	-
SIR_IOP_2_							
Test Description Key:							

Abbreviation	Test name	Details
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees

MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPFDPLRM	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAOFDPLRMNCD	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPFDPLRMNC	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Start_v2_NetCDF	Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1)
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0