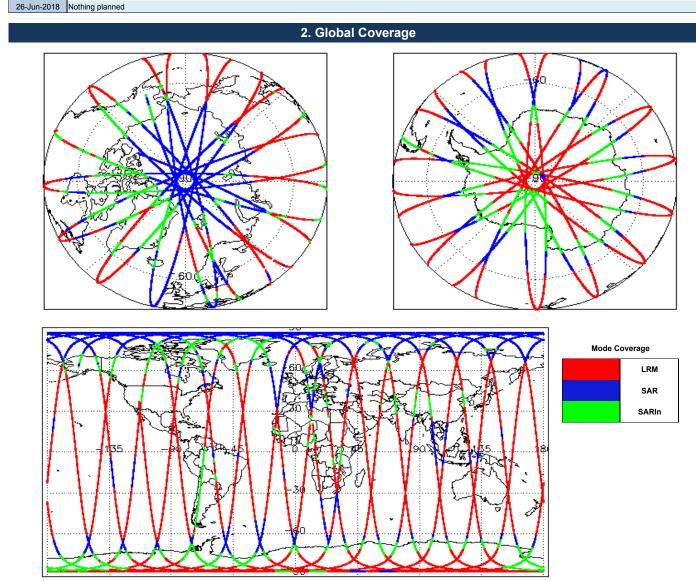


IDEAS+ Daily Report for GOP data:

25/06/2018

1. Overview				
	25 101 2018	Check	L1 & L2	P2P
Report Production:	25-Jul-2018	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	Cause at Oscar Brasses	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Geophysical Ocean Products (GOP)	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	Nominal	Nominal
		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, 5.7	See Section 6.6, 6.7
		Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

Mission / Instrument News			
24-Jun-2018	None		
25-Jun-2018	None		



3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

0

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Each product is checked for missing Data Set Descriptors with respect to a pr	e-determined baseline and also to ch	neck 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 measurement reco	rd. The bit value of this flag indicates	any problems when set.
Number of products with errors: 0		
4.5 L1B Measurement Confidence Data Check		
CryoSat L1B data includes a measurement confidence flag for each measure	ment record. The bit value of this flag	indicates any problems when set.
Attitude Correction Missing: This flag is currently set in error for GOPR proc	ducts due to a configuration issue. Th	nis 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_GOPM1B_20180625T063753_20180625T071017_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or mo records
4.6 L1B Waveform Group Data Check		
CryoSat L1B data includes a waveform data flag for each measurement recor	d. The bit value of this flag indicates a	any problems when set.
	this is to be expected.	
-oss of Echo Flag: This flag is currently set for some products over land, but		
Loss of Echo Flag: This flag is currently set for some products over land, but Number of products with errors: 14		
Number of products with errors: 14	Test Failed	Description
		Description The tracking echo is missing for one or more records
Number of products with errors: 14 Product	Test Failed	· · · · ·
Number of products with errors: 14 Product 14 CS_OFFL_SIR_GOPM1B_20180625T040702_20180625T041330_C001 1000000000000000000000000000000000000	Test Failed Loss of Echo	The tracking echo is missing for one or more records
Number of products with errors: 14 Product 14 DS_OFFL_SIR_GOPM1B_20180625T040702_20180625T041330_C001 10 CS_OFFL_SIR_GOPN1B_20180625T012719_20180625T013130_C001 10 CS_OFFL_SIR_GOPN1B_20180625T053249_20180625T053548_C001 10	Test Failed Loss of Echo Loss of Echo	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: 14 Product 14 CS_OFFL_SIR_GOPM1B_20180625T040702_20180625T041330_C001 14 CS_OFFL_SIR_GOPM1B_20180625T012719_20180625T013130_C001 14 CS_OFFL_SIR_GOPN1B_20180625T012719_20180625T013130_C001 14 CS_OFFL_SIR_GOPN1B_20180625T053249_20180625T053548_C001 14 CS_OFFL_SIR_GOPN1B_20180625T053642_20180625T053548_C001 14	Test Failed Loss of Echo Loss of Echo Loss of Echo	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
Number of products with errors: 14 Product	Test Failed Loss of Echo Loss of Echo Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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Number of products with errors: 14 Product Image: Construct of the state of the s	Test FailedLoss of EchoLoss of Echo <td>The tracking echo is missing for one or more records The tracking e</td>	The tracking echo is missing for one or more records The tracking e

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

Number of products with errors:

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_GOPM_2_20180625T063753_20180625T071017_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Range Measurement Check

CryoSat L2 data includes an Ocean and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags 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.

Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Product CS_OFFL_SIR_GOPM_2_20180625T000130_20180625T000247_C001 CS OFFL SIR GOPM 2 20180625T000446 20180625T000702 C001 CS_OFFL_SIR_GOPM_2_20180625T003537_20180625T003930_C001 CS OFFL SIR GOPM 2 20180625T004956 20180625T010053 C001 CS OFFL SIR GOPM 2 20180625T010338 20180625T012455 C001 CS_OFFL_SIR_GOPM_2_20180625T013131_20180625T013250_C001 CS OFFL SIR GOPM_2_20180625T013257_20180625T013704_C001 CS_OFFL_SIR_GOPM_2_20180625T014127_20180625T015212_C001 CS_OFFL_SIR_GOPM_2_20180625T015400_20180625T020110_C001 CS OFFL SIR GOPM 2 20180625T020154 20180625T020635 C001 CS_OFFL_SIR_GOPM_2_20180625T022835_20180625T030346_C001 CS_OFFL_SIR_GOPM_2_20180625T030631_20180625T031148_C001 CS_OFFL_SIR_GOPM_2_20180625T031208_20180625T031454_C001 CS_OFFL_SIR_GOPM_2_20180625T032249_20180625T035304_C001 CS OFFL SIR GOPM 2 20180625T035447 20180625T035846 C001 CS_OFFL_SIR_GOPM_2_20180625T040702_20180625T041330_C001 CS_OFFL_SIR_GOPM_2_20180625T041335_20180625T042608_C001 CS OFFL SIR GOPM 2 20180625T042813 20180625T044308 C001 CS_OFFL_SIR_GOPM_2_20180625T044543_20180625T045045_C001 CS OFFL SIR GOPM 2 20180625T045105 20180625T045117 C001 CS_OFFL_SIR_GOPM_2_20180625T050009_20180625T051026_C001 CS_OFFL_SIR_GOPM_2_20180625T051646_20180625T052910_C001 CS_OFFL_SIR_GOPM_2_20180625T060350_20180625T060633_C001 CS OFFL SIR GOPM 2 20180625T060812 20180625T062211 C001 CS_OFFL_SIR_GOPM_2_20180625T062456_20180625T062956_C001 CS_OFFL_SIR_GOPM_2_20180625T063753_20180625T071017_C001 CS OFFL SIR GOPM 2 20180625T073924 20180625T080052 C001 CS_OFFL_SIR_GOPM_2_20180625T080541_20180625T080913_C001 CS_OFFL_SIR_GOPM_2_20180625T080920_20180625T080929_C001 CS OFFL SIR GOPM 2 20180625T080935 20180625T081302 C001 CS OFFL SIR GOPM 2 20180625T081611 20180625T084142 C001 CS OFFL SIR GOPM 2 20180625T084155 20180625T084440 C001 CS OFFL SIR GOPM 2 20180625T091611 20180625T094100 C001 CS_OFFL_SIR_GOPM_2_20180625T094323_20180625T094826_C001 CS OFFL SIR GOPM 2 20180625T095554 20180625T100636 C001 CS OFFL SIR GOPM 2 20180625T101214 20180625T102942 C001 CS_OFFL_SIR_GOPM_2_20180625T104302_20180625T104845_C001 CS OFFL SIR GOPM 2 20180625T105249 20180625T110219 C001 CS_OFFL_SIR_GOPM_2_20180625T111512_20180625T111953_C001 CS_OFFL_SIR_GOPM_2_20180625T112322_20180625T112859_C001 CS OFFL SIR GOPM 2 20180625T113548 20180625T120905 C001 CS OFFL SIR GOPM 2 20180625T124130 20180625T125835 C001 CS_OFFL_SIR_GOPM_2_20180625T130244_20180625T130753_C001 CS_OFFL_SIR_GOPM_2_20180625T131423_20180625T135031_C001 CS_OFFL_SIR_GOPM_2_20180625T140132_20180625T140217_C001 CS_OFFL_SIR_GOPM_2_20180625T141747_20180625T143523_C001 CS OFFL SIR GOPM 2 20180625T145427 20180625T150955 C001 CS_OFFL_SIR_GOPM_2_20180625T150958_20180625T151408_C001 CS OFFL SIR GOPM 2 20180625T151559 20180625T153030 C001 CS_OFFL_SIR_GOPM_2_20180625T154302_20180625T160101_C001 CS OFFL SIR GOPM 2 20180625T160405 20180625T161557 C001

Test Failed Ocean Range Averaging Status Ice Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ice Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status

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CS OFFL SIR GOPM 2 20180625T162406 20180625T162605 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20180625T162718 20180625T163108 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180625T163317_20180625T164828_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T165029_20180625T165953_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T172215_20180625T172416_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T172614_20180625T173912_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T180215_20180625T181009_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T181254_20180625T182733_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T190513_20180625T191933_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T191936_20180625T193726_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T194044_20180625T194254_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T194316_20180625T194858_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T195245_20180625T201701_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T204827_20180625T205102_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T205104_20180625T205953_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T210529_20180625T211612_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T212253_20180625T212722_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T213135_20180625T215940_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T220309_20180625T220814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T222247_20180625T225448_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T230203_20180625T230738_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T231037_20180625T231524_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T234637_20180625T234859_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180625T035307_20180625T035447_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180625T053642_20180625T053855_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180625T072237_20180625T072310_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180625T094152_20180625T094323_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180625T063625_20180625T063753_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180625T122110_20180625T122149_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180625T135749_20180625T140044_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180625T154219_20180625T154302_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

5.7 L2 SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags 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.

SWH Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected. Ocean Backscatter Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected. Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

75

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180625T000130_20180625T000247_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T003537_20180625T003930_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T004956_20180625T010053_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T010338_20180625T012455_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T013131_20180625T013250_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T013257_20180625T013704_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T014127_20180625T015212_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T015400_20180625T020110_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T020154_20180625T020635_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T022835_20180625T030346_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T030631_20180625T031148_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T031208_20180625T031454_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20180625T032249_20180625T035304_C001 CS_OFFL_SIR_GOPM_2_20180625T035447_20180625T035846_C001 CS_OFFL_SIR_GOPM_2_20180625T041335_20180625T042608_C001 CS_OFFL_SIR_GOPM_2_20180625T042813_20180625T044308_C001 CS OFFL SIR GOPM 2 20180625T044543 20180625T045045 C001 CS_OFFL_SIR_GOPM_2_20180625T045105_20180625T045117_C001 CS OFFL SIR GOPM 2 20180625T050009 20180625T051026 C001 CS OFFL SIR GOPM 2 20180625T051646 20180625T052910 C001 CS_OFFL_SIR_GOPM_2_20180625T060350_20180625T060633_C001 CS_OFFL_SIR_GOPM_2_20180625T060812_20180625T062211_C001 CS_OFFL_SIR_GOPM_2_20180625T062456_20180625T062956_C001 CS_OFFL_SIR_GOPM_2_20180625T063753_20180625T071017_C001 CS OFFL SIR GOPM 2 20180625T073924 20180625T080052 C001 CS_OFFL_SIR_GOPM_2_20180625T080541_20180625T080913_C001 CS_OFFL_SIR_GOPM_2_20180625T080920_20180625T080929_C001 CS OFFL SIR GOPM 2 20180625T080935 20180625T081302 C001 CS OFFL SIR GOPM 2 20180625T081611 20180625T084142 C001 CS_OFFL_SIR_GOPM_2_20180625T091611_20180625T094100_C001 CS_OFFL_SIR_GOPM_2_20180625T094323_20180625T094826_C001 CS_OFFL_SIR_GOPM_2_20180625T095554_20180625T100636_C001 CS_OFFL_SIR_GOPM_2_20180625T101214_20180625T102942_C001 CS OFFL SIR GOPM 2 20180625T104302 20180625T104845 C001 CS_OFFL_SIR_GOPM_2_20180625T111512_20180625T111953_C001 CS OFFL SIR GOPM 2 20180625T112322 20180625T112859 C001 CS OFFL SIR GOPM 2 20180625T113548 20180625T120905 C001 CS OFFL SIR GOPM 2 20180625T124130 20180625T125835 C001 CS_OFFL_SIR_GOPM_2_20180625T130244_20180625T130753_C001 CS_OFFL_SIR_GOPM_2_20180625T131423_20180625T135031_C001 CS_OFFL_SIR_GOPM_2_20180625T140132_20180625T140217_C001 CS OFFL SIR GOPM 2 20180625T141747 20180625T143523 C001 CS_OFFL_SIR_GOPM_2_20180625T145427_20180625T150955_C001 CS_OFFL_SIR_GOPM_2_20180625T150958_20180625T151408_C001 CS OFFL SIR GOPM 2 20180625T151559 20180625T153030 C001 CS_OFFL_SIR_GOPM_2_20180625T154302_20180625T160101_C001 CS_OFFL_SIR_GOPM_2_20180625T160405_20180625T161557_C001 CS OFFL SIR GOPM 2 20180625T162406 20180625T162605 C001 CS_OFFL_SIR_GOPM_2_20180625T162718_20180625T163108_C001 CS_OFFL_SIR_GOPM_2_20180625T163317_20180625T164828_C001 CS OFFL SIR GOPM 2 20180625T165029 20180625T165953 C001 CS OFFL SIR GOPM 2 20180625T172215 20180625T172416 C001 CS_OFFL_SIR_GOPM_2_20180625T172614_20180625T173912_C001 CS_OFFL_SIR_GOPM_2_20180625T180215_20180625T181009_C001 CS_OFFL_SIR_GOPM_2_20180625T181254_20180625T182733_C001 CS OFFL SIR GOPM 2 20180625T190513 20180625T191933 C001 CS_OFFL_SIR_GOPM_2_20180625T191936_20180625T193726_C001 CS_OFFL_SIR_GOPM_2_20180625T194316_20180625T194858_C001 CS OFFL SIR GOPM 2 20180625T195245 20180625T201701 C001 CS_OFFL_SIR_GOPM_2_20180625T205104_20180625T205953_C001 CS_OFFL_SIR_GOPM_2_20180625T210529_20180625T211612_C001 CS OFFL SIR GOPM 2 20180625T212253 20180625T212722 C001 CS_OFFL_SIR_GOPM_2_20180625T213135_20180625T215940_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status Ice Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records.

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more records. The Ice Backscatter Averaging Status Flag has been set for one or more

records.

The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or

more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

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The SWH and Ocean Averaging Status Flags have been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The Ice Backscatter Averaging Status Flag has been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOPM_2_20180625T222247_20180625T225448_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T230203_20180625T230738_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T231037_20180625T231524_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180625T234637_20180625T234859_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180625T035307_20180625T035447_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180625T053642_20180625T053855_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180625T072237_20180625T072310_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180625T094152_20180625T094323_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180625T063625_20180625T063753_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180625T122110_20180625T122149_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180625T135749_20180625T140044_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180625T154219_20180625T154302_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

5.8 L2 Ocean Retracking Quality Check

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

Ocean Retracking Quality Flag: This flag is currently set for products over land 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: 57

6. GOP L2 Pole-to-Pole Data Quality Check

6.1 P2P Product Format Check

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

6.2 P2P 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:

6.3 P2P 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:

6.4 P2P Auxiliary Correction Error Check

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

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_GOP_220180625T063022_20180625T072001_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

6.6 P2P Range Measurement Check

CryoSat P2P data includes an Ocean and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags raised in the P2P 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.

Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected. 29

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180624T235328_20180625T004307_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180625T004307_20180625T013241_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T013241_20180625T022220_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T022220_20180625T031155_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T031155_20180625T040134_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T040134_20180625T045108_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T045108_20180625T054047_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180625T054047_20180625T063022_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T063022_20180625T072001_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180625T072001_20180625T080935_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T080935_20180625T085915_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOP_2_20180625T094849_20180625T103628_0001 Ocean Range Averaging Status, lear more records. The Ocean and lee Range Averaging Status, lear more records. CS_OFFL_SIR_GOP_2_20180625T103628_00180625T103628_00100625T121742_0001 Ocean Range Averaging Status, lear more records. The Ocean and lee Range Averaging Status, lear more records. CS_OFFL_SIR_GOP_2_20180625T103628_00180625T121742_0010 Ocean Range Averaging Status, lear more records. The Ocean and lee Range Averaging Status, lear more records. CS_OFFL_SIR_GOP_2_20180625T121742_0180625T130716_001 Ocean Range Averaging Status, lear more records. The Ocean and lee Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_20180625T130716_0180625T130716_001 Ocean Range Averaging Status, lear may Everaging Status, lear may Everaging Status, lear may Everaging Status, lear more records. The Ocean and lee Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_20180625T130716_0180625T13655_001 Ocean Range Averaging Status, lear may Everaging Status Flags have been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20180625T136565_0100 Ocean Range Averaging Status, lear may Everaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20180625T162543_0100625T162543_0001 Ocean Range Averaging Status, lear have Averaging Status, lear have been set for one or more records. CS_OFF			
CS_OFFL_SIR_GOP_2_201806251084849_201806251112803_C001 Range Averaging Status or more records. CS_OFFL_SIR_GOP_2_201806251112803_201806251121742_C001 Ocean Range Averaging Status, lee The Ocean and Ice Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_201806251121742_C01806251130716_C001 Ocean Range Averaging Status, lee The Ocean and Ice Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_201806251130716_C01806251136555_C001 Ocean Range Averaging Status The Ocean and Ice Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_201806251136555_C0101 Ocean Range Averaging Status The Ocean and Ice Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_201806251136655_01806251136609_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_201806251162543_01806251162543_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_201806251162543_01806251162543_C001 Ocean Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_201806251162543_01806251162543_C001 Ocean Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_201806251162543_01806251186467_C001 Range Averaging Status Flag The Ocean	CS_OFFL_SIR_GOP_2_20180625T085915_20180625T094849_C001		
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6.7 P2P SWH and Backscatter Measurement Check

CryoSat P2P data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags raised in the P2P 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.

SWH Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ocean Backscatter Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected. 29

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180624T235328_20180625T004307_C002	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T004307_20180625T013241_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T013241_20180625T022220_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T022220_20180625T031155_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T031155_20180625T040134_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T040134_20180625T045108_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T045108_20180625T054047_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T054047_20180625T063022_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T063022_20180625T072001_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T072001_20180625T080935_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T080935_20180625T085915_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T085915_20180625T094849_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T094849_20180625T103828_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T103828_20180625T112803_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T112803_20180625T121742_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T121742_20180625T130716_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T130716_20180625T135655_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOP_220180625T135655_20180625T144630_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T144630_20180625T153609_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T153609_20180625T162543_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T162543_20180625T171522_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T171522_20180625T180457_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T180457_20180625T185436_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T185436_20180625T194410_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T194410_20180625T203350_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T203350_20180625T212324_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T212324_20180625T221303_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T221303_20180625T230238_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180625T230238_20180625T235217_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

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: This flag is currently set for products over land 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: 24

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180624T235328_20180625T004307_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180625T004307_20180625T013241_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180625T022220_20180625T031155_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T040134_20180625T045108_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T045108_20180625T054047_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T054047_20180625T063022_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T063022_20180625T072001_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T080935_20180625T085915_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180625T085915_20180625T094849_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T103828_20180625T112803_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T112803_20180625T121742_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T121742_20180625T130716_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T130716_20180625T135655_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T135655_20180625T144630_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T144630_20180625T153609_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T153609_20180625T162543_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T162543_20180625T171522_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T171522_20180625T180457_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T185436_20180625T194410_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T194410_20180625T203350_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180625T203350_20180625T212324_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180625T212324_20180625T221303_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180625T221303_20180625T230238_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180625T230238_20180625T235217_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.