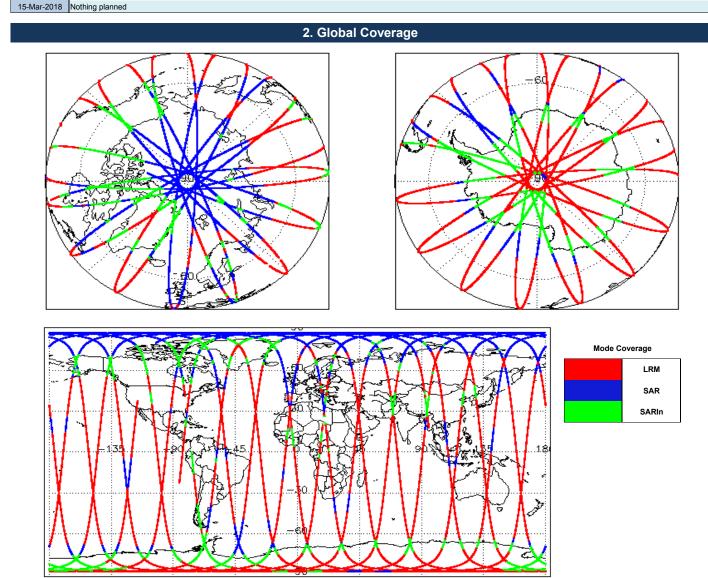


# IDEAS+ Daily Report for GOP data:

# <u>14/03/2018</u>

1. Overview				
	10.4 0010	Check	L1 & L2	P2P
eport Production:	12-Apr-2018	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:		Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
rocessor useu.	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	Nominal
Data Useu.	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	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						
13-Mar-2018	None					
14-Mar-2018	None					



# 3. Instrument Configuration

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

SIRAL - A

0

SIRAL instrument(s) in use:

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

4.3 L1B Auxilary Data File Usage Check		
ach product is checked for missing Data Set Descriptors with respect to a pre	-determined baseline and also to c	heck the validity of Auxiliary Data Files is correct.
lumber of products with errors: 0		
4.4 L1B Auxiliary Correction Error Check		
CryoSat L1B data includes a correction error flag for each measurement record	d. The bit value of this flag indicates	s any problems when set.
lumber of products with errors: 0		
4.5 L1B Measurement Confidence Data Check		
CryoSat L1B data includes a measurement confidence flag for each measurem	nent record. The bit value of this flag	g indicates any problems when set.
Attitude Correction Missing: This flag is currently set in error for GOPR production	ucts due to a configuration issue. T	his is being investigated and will be updated in the next SW update.
lumber of products with errors: 1		
Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180314T044331_20180314T045304_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
4.6 L1B Waveform Group Data Check		
CryoSat L1B data includes a waveform data flag for each measurement record	. The bit value of this flag indicates	any problems when set.
.oss of Echo Flag: This flag is currently set for products over land, but this is	to be expected.	
lumber of products with errors: 19		
Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180314T192732_20180314T195927_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180314T210706_20180314T213604_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180314T025417_20180314T025540_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180314T083313_20180314T083417_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180314T101116_20180314T101331_C001	Loss of Echo	The tracking echo is missing for one or more records
	Loss of Echo	The tracking echo is missing for one or more records
	Loss of Echo	The tracking echo is missing for one or more records
3 OFFE SIN GOFINID 201003141114033 201003141113200 C001		0 0
	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001	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
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001 CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001		The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001	Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001 CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001 CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001 CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001	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
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001 CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001 CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001 CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001 CS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001	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
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001         CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001         CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001         CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001         CS_OFFL_SIR_GOPN1B_20180314T1201235_20180314T201619_C001         CS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001         CS_OFFL_SIR_GOPN1B_20180314T201541_20180314T20702_C001	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
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001 CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001 CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001 CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001 CS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001	Loss of Echo 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 The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001         CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001         CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001         CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001         CS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001         CS_OFFL_SIR_GOPN1B_20180314T210541_20180314T210702_C001         CS_OFFL_SIR_GOPN1B_20180314T210541_20180314T210702_C001         CS_OFFL_SIR_GOPN1B_20180314T223715_C001	Loss of Echo Loss of Echo 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 The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001           CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001           CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001           CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001           CS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001           CS_OFFL_SIR_GOPN1B_20180314T210541_20180314T210702_C001           CS_OFFL_SIR_GOPN1B_20180314T210541_20180314T20702_C001           CS_OFFL_SIR_GOPN1B_20180314T223104_20180314T223715_C001           CS_OFFL_SIR_GOPN1B_20180314T2233049_20180314T223301_C001	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 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
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001         CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001         CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001         CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001         CS_OFFL_SIR_GOPN1B_20180314T1201235_20180314T201619_C001         CS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001         CS_OFFL_SIR_GOPN1B_20180314T20541_20180314T20702_C001         CS_OFFL_SIR_GOPN1B_20180314T223104_20180314T223715_C001         CS_OFFL_SIR_GOPN1B_20180314T233049_20180314T233301_C001         CS_OFFL_SIR_GOPN1B_20180314T023049_20180314T203301_C001	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 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 The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001         CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001         CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001         CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001         CS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001         CS_OFFL_SIR_GOPN1B_20180314T201541_20180314T20702_C001         CS_OFFL_SIR_GOPN1B_20180314T201541_20180314T20702_C001         CS_OFFL_SIR_GOPN1B_20180314T223104_20180314T223715_C001         CS_OFFL_SIR_GOPN1B_20180314T233049_20180314T23301_C001         CS_OFFL_SIR_GOPN1B_20180314T002715_20180314T002936_C001         CS_OFFL_SIR_GOPR1B_20180314T100319_20180314T100832_C001	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 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 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
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001           CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001           CS_OFFL_SIR_GOPN1B_20180314T1504_20180314T151539_C001           CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T151539_C001           CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001           CS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001           CS_OFFL_SIR_GOPN1B_20180314T210541_20180314T210702_C001           CS_OFFL_SIR_GOPN1B_20180314T223104_20180314T223715_C001           CS_OFFL_SIR_GOPN1B_20180314T233049_20180314T23301_C001           CS_OFFL_SIR_GOPN1B_20180314T002715_20180314T002936_C001           CS_OFFL_SIR_GOPR1B_20180314T100319_20180314T100832_C001           CS_OFFL_SIR_GOPR1B_20180314T230129_20180314T23008_C001	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         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         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         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         The tracking echo is missing for one or more records
SS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001           SS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001           SS_OFFL_SIR_GOPN1B_20180314T1504_20180314T151539_C001           SS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001           SS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001           SS_OFFL_SIR_GOPN1B_20180314T201541_20180314T201702_C001           SS_OFFL_SIR_GOPN1B_20180314T201541_20180314T201702_C001           SS_OFFL_SIR_GOPN1B_20180314T233049_20180314T223715_C001           SS_OFFL_SIR_GOPN1B_20180314T233049_20180314T23301_C001           SS_OFFL_SIR_GOPN1B_20180314T002715_20180314T002936_C001           SS_OFFL_SIR_GOPR1B_20180314T100319_20180314T100832_C001           SS_OFFL_SIR_GOPR1B_20180314T230129_20180314T23308_C001           SS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001	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
SS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001 SS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001 SS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001 SS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001 SS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001 SS_OFFL_SIR_GOPN1B_20180314T210541_20180314T210702_C001 SS_OFFL_SIR_GOPN1B_20180314T223104_20180314T223715_C001 SS_OFFL_SIR_GOPN1B_20180314T223049_20180314T23301_C001 SS_OFFL_SIR_GOPN1B_20180314T002715_20180314T002936_C001 SS_OFFL_SIR_GOPR1B_20180314T100319_20180314T100832_C001 SS_OFFL_SIR_GOPR1B_20180314T230129_20180314T230308_C001 SS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001	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
SS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001           SS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001           SS_OFFL_SIR_GOPN1B_20180314T1504_20180314T151539_C001           SS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001           SS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001           SS_OFFL_SIR_GOPN1B_20180314T201541_20180314T201702_C001           SS_OFFL_SIR_GOPN1B_20180314T201541_20180314T201702_C001           SS_OFFL_SIR_GOPN1B_20180314T233049_20180314T223715_C001           SS_OFFL_SIR_GOPN1B_20180314T233049_20180314T23301_C001           SS_OFFL_SIR_GOPN1B_20180314T002715_20180314T002936_C001           SS_OFFL_SIR_GOPR1B_20180314T100319_20180314T100832_C001           SS_OFFL_SIR_GOPR1B_20180314T230129_20180314T23308_C001           SS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001	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
SS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001 SS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001 SS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001 SS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001 SS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001 SS_OFFL_SIR_GOPN1B_20180314T210541_20180314T210702_C001 SS_OFFL_SIR_GOPN1B_20180314T223104_20180314T223715_C001 SS_OFFL_SIR_GOPN1B_20180314T223049_20180314T23301_C001 SS_OFFL_SIR_GOPN1B_20180314T002715_20180314T002936_C001 SS_OFFL_SIR_GOPR1B_20180314T100319_20180314T100832_C001 SS_OFFL_SIR_GOPR1B_20180314T230129_20180314T230308_C001 SS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records         The tracking e
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001 CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001 CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001 CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001 CS_OFFL_SIR_GOPN1B_20180314T210541_20180314T201619_C001 CS_OFFL_SIR_GOPN1B_20180314T223104_20180314T223715_C001 CS_OFFL_SIR_GOPN1B_20180314T223104_20180314T223715_C001 CS_OFFL_SIR_GOPN1B_20180314T223049_20180314T223301_C001 CS_OFFL_SIR_GOPN1B_20180314T002715_20180314T002936_C001 CS_OFFL_SIR_GOPN1B_20180314T100319_20180314T100832_C001 CS_OFFL_SIR_GOPR1B_20180314T230129_20180314T233008_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001 CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234548_20180314T234548_20180314T234548 CS_OFFL_SIR_GOPR1B_20180314T2015208 CS_OFFL_SIR_GOPR1B_20180314T	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records         The tracking e
CS_OFFL_SIR_GOPN1B_20180314T142634_20180314T142756_C001         CS_OFFL_SIR_GOPN1B_20180314T150253_20180314T150720_C001         CS_OFFL_SIR_GOPN1B_20180314T151504_20180314T151539_C001         CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T151539_C001         CS_OFFL_SIR_GOPN1B_20180314T170541_20180314T170702_C001         CS_OFFL_SIR_GOPN1B_20180314T201235_20180314T201619_C001         CS_OFFL_SIR_GOPN1B_20180314T223104_20180314T223715_C001         CS_OFFL_SIR_GOPN1B_20180314T223049_20180314T223301_C001         CS_OFFL_SIR_GOPN1B_20180314T002715_20180314T002936_C001         CS_OFFL_SIR_GOPR1B_20180314T002715_20180314T00832_C001         CS_OFFL_SIR_GOPR1B_20180314T230129_20180314T23308_C001         CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001         CS_OFFL_SIR_GOPR1B_20180314T234548_20180314T234708_C001	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

# 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

# 5.4 L2 Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767). Number of products with errors: 0

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_GOPM_2_20180314T044331_20180314T045304_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.

ean 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. 81

Number of products with errors:

Product Test Failed Description The Ocean Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T003630\_20180314T010333\_C001 Ocean Range Averaging Status records The Ice Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T010605\_20180314T010808\_C001 Ice Range Averaging Status records The Ice Range Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20180314T010845 20180314T011403 C001 Ice Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20180314T011639 20180314T014159 C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20180314T021441 20180314T022513 C001 Ocean Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20180314T023050 20180314T024218 C001 Ocean Range Averaging Status records The Ice Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T024812\_20180314T025417\_C001 Ice Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20180314T025540 20180314T031724 C001 Ocean Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T033222\_20180314T033356\_C001 Ocean Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T034730\_20180314T042153\_C001 Ocean Range Averaging Status records The Ice Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T042721\_20180314T043248\_C001 Ice Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20180314T043415 20180314T044039 C001 Ocean Range Averaging Status ecords The Ocean Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T051134\_20180314T051400\_C001 Ocean Range Averaging Status records. 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The Ocean Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T075235\_20180314T075523\_C001 Ocean Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20180314T075724 20180314T082850 C001 Ocean Range Averaging Status records The Ice Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T083030\_20180314T083312\_C001 Ice Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T084857\_20180314T085602\_C001 Ocean Range Averaging Status ecords The Ocean Range Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20180314T090043 20180314T090202 C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T090205\_20180314T091826\_C001 Ocean Range Averaging Status records The Ice Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T092003\_20180314T092520\_C001 Ice Range Averaging Status ecords The Ice Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T092555\_20180314T092733\_C001 Ice Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20180314T093539\_20180314T094902\_C001 Ocean Range Averaging Status records The Ocean Range Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20180314T095116 20180314T100319 C001 Ocean Range Averaging Status ecords. 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CS_OFTL_SIR_COFW_2 20180314718052_20180314718052_0001       Les Rarge Averaging Status       The Coent Rarge Averaging Status       The Coent Rarge Averaging Status         CS_OFTL_SIR_COFW_2 201803147186517_201803147186515_0001       Ocean Rarge Averaging Status       The Coent Rarge Averaging Status Flag has been set for one or more records.         CS_OFTL_SIR_COFW_2 201803147186517_201803147186515_0001       Ocean Rarge Averaging Status       The Coent Rarge Averaging Status Flag has been set for one or more records.         CS_OFTL_SIR_COFW_2 20180314718742_20180314718424_0001       Ocean Rarge Averaging Status       The Coent Rarge Averaging Status Flag has been set for one or more records.         CS_OFTL_SIR_COFW_2 20180314718742_20180314718424_0001       Ocean Rarge Averaging Status       The Coent Rarge Averaging Status Flag has been set for one or more records.         CS_OFTL_SIR_COFW_2 20180314718782_201801       Ocean Rarge Averaging Status       The Coent Rarge Averaging Status Flag has been set for one or more records.         CS_OFTL_SIR_COFW_2 20180314718782_201801       Ocean Rarge Averaging Status       The Coent Rarge Averaging Status Flag has been set for one or more records.         CS_OFTL_SIR_COFW_2 2018031471878_20180314710144_0001       Ocean Rarge Averaging Status       The Coent Rarge Averaging Status Flag has been set for one or more records.         CS_OFTL_SIR_COFW_2 20180314712874_20180347128842_0001       Ocean Rarge Averaging Status       The Coent Rarge Averaging Status Flag has been set for one or more records.         CS_OFTL_SIR_COFW_2 201803147	CS_OFFL_SIR_GOPM_2_20180314T154930_20180314T155605_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_CPTL_SR_GOPM_2_20180314716928_20180314716926_001     Ocean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_20180314716926_20180314716926_001     Ocean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_20180314717182_201803147171832_001     Ocean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_20180314717183_201803147181642_001     Ocean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_201803147182_00180314718202_001     Ocean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_201803147182_0018031471822_001     Ocean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_20180314718202_0180314718220_001     Ocean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_20180314718202_0180314718220_001     Ocean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_0180314718202_0180314718220_001     Cean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_0180314718202_01803471182728_001     Cean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_01803147182128_018014192128_0001     tea Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_0180314712972_0180314712972_018001     Cean Range Averaging Status     The Ocean Range Averaging Status       CS_CPTL_SR_GOPM_2_01803147	CS_OFFL_SIR_GOPM_2_20180314T155740_20180314T160538_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
GS_OFFL_SIR_00FM_2_201803141116517_201803141116515_0001         Ocean Range Averaging Status         The Ocean Range Averaging Status         The Ocean Range Averaging Status         The Ocean Range Averaging Status           GS_OFFL_SIR_00FM_2_201803141117512_0180314117352_0001         Ocean Range Averaging Status         The Ocean Range Av	CS_OFFL_SIR_GOPM_2_20180314T160822_20180314T164248_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OPPL_SIR_COPM_2.20180314171807_20180314171822     Doean Range Averaging Status     The Coran Range Averaging Status     The Coran Range Averaging Status       CS_OPPL_SIR_COPM_2.20180314171842_0180314111602_001     Doean Range Averaging Status     The Coran Range Averaging Status       CS_OPPL_SIR_COPM_2.20180314171842_018031411602_001     Doean Range Averaging Status     The Coran Range Averaging Status       CS_OPPL_SIR_COPM_2.201803141718425_0180314116025_001     Doean Range Averaging Status     The Coran Range Averaging Status       CS_OPPL_SIR_COPM_2.201803141718433_018031118123_018031     Doean Range Averaging Status     The Coran Range Averaging Status       CS_OPPL_SIR_COPM_2.201803141718433_018031118123_0001     Doean Range Averaging Status     The Coran Range Averaging Status       CS_OPPL_SIR_COPM_2.201803141718433_018031118123_0001     Doean Range Averaging Status     The Coran Range Averaging Status       CS_OPPL_SIR_COPM_2.201803141718433_018011118123_0001     Doean Range Averaging Status     The Coran Range Averaging Status       CS_OPPL_SIR_COPM_2.201803141718442104001     Doean Range Averaging Status     The Coran Range Averaging Status Raj has been set for one or more records.       CS_OPPL_SIR_COPM_2.20180314721042_01803147160240_0001     Doean Range Averaging Status     The Coran Range Averaging Status Raj has been set for one or more records.       CS_OPPL_SIR_COPM_2.20180314721042_0180314721040_001     Doean Range Averaging Status     The Coran Range Averaging Status Raj has been set for one or more records.       CS_OPPL_SIR_COP	CS_OFFL_SIR_GOPM_2_20180314T165617_20180314T165715_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
GS_OFFL_SIR_COPM_2_20180314117373_20180314117422_0001       loc Range Averaging Status       The Cara Range Averaging Status Flag has been set for one or more more field.         GS_OFFL_SIR_COPM_2_201803141714748_20180314118128_201001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more more decords.         GS_OFFL_SIR_COPM_2_20180314118182_201001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more more decords.         GS_OFFL_SIR_COPM_2_20180314118182_201001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more more decords.         GS_OFFL_SIR_COPM_2_20180314118182_2010013111822_0001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more more decords.         GS_OFFL_SIR_COPM_2_20180314119212_00001       Dean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more more decords.         GS_OFFL_SIR_COPM_2_20180314119212_00001       Dean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more more decords.         GS_OFFL_SIR_COPM_2_20180314170241_20180341102210_00010       Dean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more more decords.         GS_OFFL_SIR_COPM_2_201803141720102_0101001122080_0001       Dean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more more decords.         GS_OFFL_SIR_COPM_2_2018	CS_OFFL_SIR_GOPM_2_20180314T171807_20180314T173534_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
<ul> <li>Chen Fug Proteing 2 and 2 and</li></ul>	CS_OFFL_SIR_GOPM_2_20180314T173713_20180314T174227_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
GS_OFFL_SIR_GOPM_2_20180314T181286_20180314T18225_0001         Doesn Range Averaging Status         The Ocean Range Averaging Status         The O	CS_OFFL_SIR_GOPM_2_20180314T174748_20180314T181042_C001	Ocean Range Averaging Status	
Call Control Call Control Call Control Call Control Call Range Averaging Status     records.       CS_OFFL_SIR_GOPM_2.201803147180530_20180314715693_C001     Ocean Range Averaging Status     The Ocean Range Averaging Status Flag has been set for one or more records.       CS_OFFL_SIR_GOPM_2.201803147180251_201803147192132_0001     Icean Range Averaging Status     The Ocean Range Averaging Status Flag has been set for one or more records.       CS_OFFL_SIR_GOPM_2.201803147180251_201803147192132_0001     Icean Range Averaging Status     The Ocean Range Averaging Status Flag has been set for one or more records.       CS_OFFL_SIR_GOPM_2.201803147182731_201803147192403_C001     Ice Range Averaging Status     The Ocean Range Averaging Status Flag has been set for one or more records.       CS_OFFL_SIR_GOPM_2.20180314720752_01803147210540_C001     Ice Range Averaging Status     The Ocean Range Averaging Status Flag has been set for one or more records.       CS_OFFL_SIR_GOPM_2.20180314721075_01803147210540_C001     Ice Range Averaging Status     The Ocean Range Averaging Status Flag has been set for one or more records.       CS_OFFL_SIR_GOPM_2.20180314721075_01803147213652_C001     Ice Range Averaging Status     The Ocean Range Averaging Status Flag has been set for one or more records.       CS_OFFL_SIR_GOPM_2.20180314720305_0101     Ocean Range Averaging Status Flag has been set for one or more records.     The Ice Range Averaging Status Flag has been set for one or more records.       CS_OFFL_SIR_GOPM_2.20180314722403_008014722405_0001     Ocean Range Averaging Status Flag has been set for one or more records.       CS_OF	CS_OFFL_SIR_GOPM_2_20180314T181328_20180314T182255_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Correct_Sint_Correct_and_correct       Ocean Range Averaging Status       Feodes.         CS_OFFL_SIR_GOPM_2_20180314T19012_20180314T191440_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T19027_2001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T201726_20180314T204200_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T201726_20180314T210525_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T210740_0001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T210520_00101       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T220142_0180314T220142_0180314T220142_0180314T220142_0180314T220142_0180314T220142_0180314T220142_0180314T220142_0180314T220142_0180314T220142_0180314T220142_0180314T220142_0180314T220142_0011       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T220402_00101       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         <	CS_OFFL_SIR_GOPM_2_20180314T183610_20180314T183822_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180314T191851_20180314T192128_C001       Coean Range Averaging Status       The loc Range Averaging Status       The Ocean Range Averaging Status	CS_OFFL_SIR_GOPM_2_20180314T185330_20180314T185933_C001	Ocean Range Averaging Status	
GS_OFFL_SIR_GOPM_2_201803147102731_20180314719527_2001       Ceean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more         GS_OFFL_SIR_GOPM_2_201803147102731_20180314710352_0011       Ceean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more         GS_OFFL_SIR_GOPM_2_20180314721040_20180314721035_0011       tee Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more         GS_OFFL_SIR_GOPM_2_20180314721041_20180314721035_0011       tee Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more         GS_OFFL_SIR_GOPM_2_20180314721054_0011       Ceean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more         CS_OFFL_SIR_GOPM_2_20180314721032_00110       Ceean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more         CS_OFFL_SIR_GOPM_2_0180314721042_018031472013200_0011       Ceean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more         CS_OFFL_SIR_GOPM_2_01803147220120_018031472013200_0011       Ceean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more         CS_OFFL_SIR_GOPM_2_01803147220320_01803147201320.0011       Ceean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more         CS_OFFL_SIR_GOPM_2_018031472035201001       Ceean Range Averaging Status       The Ocean Range Averaging Stat	CS_OFFL_SIR_GOPM_2_20180314T190121_20180314T191440_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180314729172_20180314729172_20180314729172_20180314729172_20180314729172_20180314729052_20180314729054_20180314729055_2001       Coean Range Averaging Status       The Codan Range Averaging Status Flag has been set for one or more ecods.         CS_OFFL_SIR_GOPM_2_201803147290540_2018031472190540_20180       te Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more ecods.         CS_OFFL_SIR_GOPM_2_2018031472190540_2018031472190540_20180       te Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more ecods.         CS_OFFL_SIR_GOPM_2_2018031472192032_001       te Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more ecods.         CS_OFFL_SIR_GOPM_2_20180314722132_001       Ceean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more ecods.         CS_OFFL_SIR_GOPM_2_20180314722142_01013147221432_001       Ceean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more ecods.         CS_OFFL_SIR_GOPM_2_201803147224013_01417224013_001       Ceean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more ecods.         CS_OFFL_SIR_GOPM_2_20180314723038_014723038_0147234636_001       Ceean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more ecods.         CS_OFFL_SIR_GOPM_2_201803147234536_001       Ceean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more ecods. <tr< td=""><td>CS_OFFL_SIR_GOPM_2_20180314T191851_20180314T192128_C001</td><td>Ice Range Averaging Status</td><td></td></tr<>	CS_OFFL_SIR_GOPM_2_20180314T191851_20180314T192128_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_201803147203240_20180314721035_C001         Cockan Ratige Averaging Status         The CeR Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_GOPM_2_201803147210241_201803147210540_C001         Ce Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_GOPM_2_201803147210242_0018031472132050_C001         Ce Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_GOPM_2_2018031472102142_00180314721342_C001         Cecan Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_GOPM_2_201803147223006_20180314722303_C001         Cecan Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_GOPM_2_201803147224013_201803147224013_C001         Cecan Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_GOPM_2_201803147230308_2018014723055_C001         Cecan Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_GOPM_2_201803147230308_2018014723055_C001         Cecan Range Averaging Status         The Cocan Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_GOPM_2_201803147230308_20180134720308_20180147023055_C001         Cecan Range Averaging Status         The Cocan Range Averaging Status Flag has been set for one or more reco	CS_OFFL_SIR_GOPM_2_20180314T192731_20180314T195927_C001	Ocean Range Averaging Status	
GS_OFFL_SIR_GOPM_2_20180314T210241_20180314T21052_001       Ice Range Averaging Status       The loc Range Averaging Status Flag has been set for one or more records.         GS_OFFL_SIR_GOPM_2_20180314T210241_20180314T21523_001       Ice Range Averaging Status       The loc Range Averaging Status Flag has been set for one or more records.         GS_OFFL_SIR_GOPM_2_20180314T21523_0010       Ice Range Averaging Status       The loc Range Averaging Status Flag has been set for one or more records.         GS_OFFL_SIR_GOPM_2_20180314T221523_0010       Ice Range Averaging Status       The loc Range Averaging Status Flag has been set for one or more records.         GS_OFFL_SIR_GOPM_2_20180314T220142_0180314T22142_0010       Ocean Range Averaging Status       The loc Range Averaging Status Flag has been set for one or more records.         GS_OFFL_SIR_GOPM_2_20180314T224013_0180314T224013_0180314T224013_0180314T224013_0180314T224010       Ice Range Averaging Status       The loc Range Averaging Status Flag has been set for one or more records.         GS_OFFL_SIR_GOPM_2_20180314T224032_0180314T224053_0100314T224053_0010       Ocean Range Averaging Status       The loc Range Averaging Status Flag has been set for one or more records.         GS_OFFL_SIR_GOPM_2_20180314T23058_0101       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         GS_OFFL_SIR_GOPM_2_20180314T23058_0101       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         GS_OFFL_SIR_GOPM_2_20180314T23058_	CS_OFFL_SIR_GOPM_2_20180314T201725_20180314T204903_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180314721036_201803147210360_0001       Coean Range Averaging Status       records.         CS_OFFL_SIR_GOPM_2_201803147210706_201803147215232_0001       Ice Range Averaging Status       The Coean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803147220142_201803147221342_0001       Ocean Range Averaging Status       The Coean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803147223006_201803147223006_0010       Ocean Range Averaging Status       The Coean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803147224013_201803147224013_0001       Ocean Range Averaging Status       The Coean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803147224013_201803147224012_0001       Ocean Range Averaging Status       The Coean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314723038_01803147230128_0001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314723059_0180314723051_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803147234548_0001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803147104555_201803147104555_201001       Ice Rang	CS_OFFL_SIR_GOPM_2_20180314T205840_20180314T210035_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180314121056_201803141215523_201803141221523_2018031412213523_2018031412213523_2018031412213523_2018031412213523_2018031412213523_2018031412213523_2018031412213523_201803141223103_C001       Ocean Range Averaging Status       The loc Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141220102_201803141221303_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314122403_201803141224013_20180_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314122403_20180_141224051_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314123080_20180314123055_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141234548_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141234548_0011       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314123458_00180157001250_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314110116_01201803141101351_C001       Ocean Range Averaging Statu	CS_OFFL_SIR_GOPM_2_20180314T210241_20180314T210540_C001	Ice Range Averaging Status	
US_0FFL_SIR_GOPM_2_20180314121533_0018014121532_0001       Ice Range Averaging Status       records.         CS_0FFL_SIR_GOPM_2_201803141220142_201803147221342_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_0FFL_SIR_GOPM_2_201803141224013_201803147224041_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_0FFL_SIR_GOPM_2_201803147224026_201803147230128_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_0FFL_SIR_GOPM_2_201803147230308_201803147230128_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_0FFL_SIR_GOPM_2_2018031472303958_20180314723056_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_0FFL_SIR_GOPM_2_201803147024552_201803147092555_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_0FFL_SIR_GOPN_2_20180314710116_201803147101133_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_0FFL_SIR_GOPN_2_201803147124003_201803147124409_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_0FFL_SIR_GOPN_2_2018031471141616_201803147111100_001 <t< td=""><td>CS_OFFL_SIR_GOPM_2_20180314T210706_20180314T213604_C001</td><td>Ocean Range Averaging Status</td><td></td></t<>	CS_OFFL_SIR_GOPM_2_20180314T210706_20180314T213604_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_201803141220182_201803141220182_001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141220182_01803141220182_001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141220402_01803141220182_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141230308_01803141230551_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141230308_01803141230551_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_2018031417234831_01803157001250_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_2018031417092552_01803141703255_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314111016_0218031471101331_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_2018031411142409_0001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_2018	CS_OFFL_SIR_GOPM_2_20180314T215235_20180314T215523_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_201803141224013_2001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141230308_201803141230551_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141233958_201803141234548_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_2018031417234543_201803151001250_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_2018031411092552_2018031411092555_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314110610_201803141101331_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314110610_2018031411109_001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_201803141110610_201803141114040_201803141124409_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records. <td>CS_OFFL_SIR_GOPM_2_20180314T220142_20180314T221342_C001</td> <td>Ocean Range Averaging Status</td> <td></td>	CS_OFFL_SIR_GOPM_2_20180314T220142_20180314T221342_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180314T22463_20180314T22444_C001       Ide Range Averaging Status       records.         CS_OFFL_SIR_GOPM_2_20180314T22462_00180314T230128_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T230308_20180314T23055_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T234831_20180315T001250_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T092552_20180314T092555_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T101116_20180314T10133_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T124403_20180314T11109_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T124403_20180314T114104_0001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T144664_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T164459_20180314T1144646_C001       Ice Range Averagi	CS_OFFL_SIR_GOPM_2_20180314T223006_20180314T223103_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180314124828_201803141230525_0001       Ocean Range Averaging Status       records.         CS_OFFL_SIR_GOPM_2_201803141230308_201803141230551_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_201803141234831_2018031471234548_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_2018031471234531_201803147109255_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_2018031471092552_2018031471092555_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314710116_201803147101331_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_201803147110610_20180314711109_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314714164646_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_201803147101033_2018031471010447_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314711646450_2018031471164646_C001       Ocean Ran	CS_OFFL_SIR_GOPM_2_20180314T224013_20180314T224441_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_201803141230306_0180314123035_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPM_2_20180314T234581_20180315T001250_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T092552_20180314T092555_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T101116_20180314T101331_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T10610_20180314T101331_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T124403_20180314T124409_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T141616_20180314T141740_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T10333_20180314T104047_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T10333_20180314T1040447_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SI	CS_OFFL_SIR_GOPM_2_20180314T224626_20180314T230128_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180314123498_20180316T001250_C001Ocean Range Averaging Statusrecords.CS_OFFL_SIR_GOPM_2_20180314T092552_20180314T092552_20180314T092555_C001lce Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOPN_2_20180314T092552_20180314T092555_C001lce Range Averaging StatusThe loe Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOPN_2_20180314T101116_20180314T101331_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOPN_2_20180314T124403_20180314T11109_C001Ocean Range Averaging StatusThe loe Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOPN_2_20180314T14166_20180314T141740_C001lce Range Averaging StatusThe loe Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOPN_2_20180314T14166_20180314T141740_C001lce Range Averaging StatusThe loe Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOPN_2_20180314T14166646_C001Ocean Range Averaging StatusThe loe Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOPR_2_20180314T10332_0180314T1010447_C001lce Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOPR_2_20180314T14164646_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOPR_2_20180314T13302_018014T10447_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or	CS_OFFL_SIR_GOPM_2_20180314T230308_20180314T230551_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPN_2_20180314T092552_20180314T092555_C001       Ice Range Averaging Status       The loce Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T101116_20180314T101331_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T10610_20180314T11010_0001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T124403_20180314T11109_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T124403_20180314T114409_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T164459_20180314T14166_001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T164459_20180314T164646_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T100333_20180314T010447_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T100333_20180314T104462_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SI	CS_OFFL_SIR_GOPM_2_20180314T233958_20180314T234548_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPN_2_20180314T1092352_20180314T1092355_C001       Ide Range Averaging Status       records.         CS_OFFL_SIR_GOPN_2_20180314T101116_20180314T101331_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T110610_20180314T11109_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T124403_20180314T124409_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T141616_20180314T141740_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T164459_20180314T164646_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T010333_20180314T010447_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T1010333_20180314T010447_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T113302_20180314T113310_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001 <t< td=""><td>CS_OFFL_SIR_GOPM_2_20180314T234831_20180315T001250_C001</td><td>Ocean Range Averaging Status</td><td></td></t<>	CS_OFFL_SIR_GOPM_2_20180314T234831_20180315T001250_C001	Ocean Range Averaging Status	
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CS_OFFL_SIR_GOPN_2_20180314T124405_20180314T141740_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPN_2_20180314T164459_20180314T164646_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T164459_20180314T164646_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T1010333_20180314T010447_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T133029_20180314T133310_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T1201119_20180314T201235_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T20119_20180314T215118_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.   <	CS_OFFL_SIR_GOPN_2_20180314T110610_20180314T111109_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPN_2_20180314T141816_20180314T141740_C001       Ice Range Averaging Status       records.         CS_OFFL_SIR_GOPN_2_20180314T164459_20180314T164646_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T010333_20180314T010447_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T133029_20180314T133310_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T201119_20180314T201235_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T2119_20180314T201235_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T214957_20180314T215118_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_GOPN_2_20180314T124403_20180314T124409_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPN_2_20180314T10333_20180314T010445_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T133029_20180314T133310_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T101119_20180314T101235_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T201119_20180314T201235_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T214957_20180314T215118_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_GOPN_2_20180314T141616_20180314T141740_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPR_2_20180314T010335_20180314T010447_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T201119_20180314T201235_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T214957_20180314T215118_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_GOPN_2_20180314T164459_20180314T164646_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPR_2_20180314T135029_20180314T135029_20180314T135010_C001       Ocean Range Averaging Status       records.         CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T201119_20180314T201235_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T201235_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_GOPR_2_20180314T214957_20180314T215118_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_GOPR_2_20180314T010333_20180314T010447_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPR_2_20180314T201119_20180314T201235_C001 Ocean Range Averaging Status CS_OFFL_SIR_GOPR_2_20180314T201119_20180314T201235_C001 Ocean Range Averaging Status CS_OFFL_SIR_GOPR_2_20180314T214957_20180314T215118_C001 Ocean Range Averaging Status The Ocean Range Averaging Status	CS_OFFL_SIR_GOPR_2_20180314T133029_20180314T133310_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPR_2_201803141201119_201803141201235_C001 Ocean Range Averaging Status records. CS_OFFL_SIR_GOPR_2_201803141201235_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_GOPR_2_20180314T144104_20180314T144642_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_GOPR_2_20180314T201119_20180314T201235_C001	Ocean Range Averaging Status	
	CS_OFFL_SIR_GOPR_2_20180314T214957_20180314T215118_C001	Ocean Range Averaging Status	

#### 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. 81

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180314T003630_20180314T010333_C001	00	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180314T010605_20180314T010808_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180314T010845_20180314T011403_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180314T011639_20180314T014159_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_20180314T021441_20180314T022513_C001	00	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180314T023050_20180314T024218_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_20180314T024812_20180314T025417_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

CS\_OFFL\_SIR\_GOPM\_2\_20180314T025540\_20180314T031724\_C001 CS OFFL SIR GOPM 2 20180314T034730 20180314T042153 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T042721\_20180314T043248\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T043415\_20180314T044039\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T051115\_20180314T051122\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T051134\_20180314T051400\_C001 CS OFFL SIR GOPM 2 20180314T052700 20180314T053525 C001 CS OFFL SIR GOPM 2 20180314T053809 20180314T060115 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T060728\_20180314T061137\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T061314\_20180314T063316\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T070533\_20180314T073904\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T074641\_20180314T075027\_C001 CS OFFL SIR GOPM 2 20180314T075235 20180314T075523 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T075724\_20180314T082850\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T083016\_20180314T083030\_C001 CS OFFL SIR GOPM 2 20180314T083030 20180314T083312 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T084857\_20180314T085602\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T090205\_20180314T091826\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T092003\_20180314T092520\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T092555\_20180314T092733\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T093539\_20180314T094902\_C001 CS OFFL SIR GOPM 2 20180314T095116 20180314T100319 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T103040\_20180314T104102\_C001 CS OFFL SIR GOPM 2 20180314T104242 20180314T105738 C001 CS OFFL SIR GOPM 2 20180314T105929 20180314T110431 C001 CS OFFL SIR GOPM 2 20180314T111304 20180314T111411 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T111910\_20180314T112533\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T121428\_20180314T123647\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T123956\_20180314T124347\_C001 CS OFFL SIR GOPM 2 20180314T124354 20180314T124403 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T124409\_20180314T124644\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T124945\_20180314T131843\_C001 CS OFFL SIR GOPM 2 20180314T135045 20180314T141616 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T141740\_20180314T142301\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T142308\_20180314T142634\_C001 CS OFFL SIR GOPM 2 20180314T142852 20180314T144104 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T144642\_20180314T150253\_C001 CS OFFL SIR GOPM 2 20180314T152601 20180314T154609 C001 CS OFFL SIR GOPM 2 20180314T154930 20180314T155605 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T155740\_20180314T160538\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T160822\_20180314T164248\_C001 CS OFFL SIR GOPM 2 20180314T165617 20180314T165715 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T171807\_20180314T173534\_C001 CS OFFL SIR GOPM 2 20180314T173713 20180314T174227 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T174748\_20180314T181042\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T181328\_20180314T182255\_C001 CS OFFL SIR GOPM 2 20180314T183436 20180314T183519 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T183610\_20180314T183822\_C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T185330\_20180314T185933\_C001 CS OFFL SIR GOPM 2 20180314T190121 20180314T191440 C001 CS\_OFFL\_SIR\_GOPM\_2\_20180314T191851\_20180314T192128\_C001 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 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

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Ice Backscatter Averaging Status

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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 SWH Averaging Status, Ocean

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 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

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 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.

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 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 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 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 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.

CS_OFFL_SIR_GOPM_2_20180314T192731_20180314T195927_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_20180314T201725_20180314T204903_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_20180314T205840_20180314T210035_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180314T210706_20180314T213604_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_20180314T215235_20180314T215523_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180314T215743_20180314T215934_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_20180314T220142_20180314T221342_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_20180314T224013_20180314T224441_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180314T224626_20180314T230128_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_20180314T230308_20180314T230551_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_20180314T233958_20180314T234548_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_20180314T234831_20180315T001250_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_20180314T092552_20180314T092555_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180314T101116_20180314T101331_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_20180314T110610_20180314T111109_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_20180314T124403_20180314T124409_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180314T141616_20180314T141740_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180314T164459_20180314T164646_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_20180314T010333_20180314T010447_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_20180314T133029_20180314T133310_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_20180314T144104_20180314T144642_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_20180314T201119_20180314T201235_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_20180314T214957_20180314T215118_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: 52

# 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:	0			

#### 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: 0

#### 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: 0

# 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: 0

# 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_2_20180314T042754_20180314T051733_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.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180314T001952_20180314T010927_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180314T010927_20180314T015906_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_220180314T015906_20180314T024840_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180314T024840_20180314T033819_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_220180314T033819_20180314T042754_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T042754_20180314T051733_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_220180314T051733_20180314T060707_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T060707_20180314T065646_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_220180314T065646_20180314T074621_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_220180314T074621_20180314T083600_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_220180314T083600_20180314T092534_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_220180314T092534_20180314T101514_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_220180314T101514_20180314T110448_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_220180314T110448_20180314T115427_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T115427_20180314T124402_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_220180314T124402_20180314T133341_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T133341_20180314T142315_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_220180314T142315_20180314T151254_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T151254_20180314T160229_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_220180314T160229_20180314T165208_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_220180314T165208_20180314T174142_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_220180314T174142_20180314T183121_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T183121_20180314T192056_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_220180314T192056_20180314T201035_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T201035_20180314T210009_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_220180314T210009_20180314T214948_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_220180314T214948_20180314T223923_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_2_20180314T223923_20180314T232902_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_2_20180314T232902_20180315T001837_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

### 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_220180314T001952_20180314T010927_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_20180314T010927_20180314T015906_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_220180314T015906_20180314T024840_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_20180314T024840_20180314T033819_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_20180314T033819_20180314T042754_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_20180314T042754_20180314T051733_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_220180314T051733_20180314T060707_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_20180314T060707_20180314T065646_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_220180314T065646_20180314T074621_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_220180314T074621_20180314T083600_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_20180314T083600_20180314T092534_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_220180314T092534_20180314T101514_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_20180314T101514_20180314T110448_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_220180314T110448_20180314T115427_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_220180314T115427_20180314T124402_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_220180314T124402_20180314T133341_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_220180314T133341_20180314T142315_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_220180314T142315_20180314T151254_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_220180314T151254_20180314T160229_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_220180314T160229_20180314T165208_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_220180314T165208_20180314T174142_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_220180314T174142_20180314T183121_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_220180314T183121_20180314T192056_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_220180314T192056_20180314T201035_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_220180314T201035_20180314T210009_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_220180314T210009_20180314T214948_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_220180314T214948_20180314T223923_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_220180314T223923_20180314T232902_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_220180314T232902_20180315T001837_C002	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean 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: 26

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180314T001952_20180314T010927_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T010927_20180314T015906_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T015906_20180314T024840_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T024840_20180314T033819_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T033819_20180314T042754_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T042754_20180314T051733_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T051733_20180314T060707_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T060707_20180314T065646_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T065646_20180314T074621_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T083600_20180314T092534_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T092534_20180314T101514_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T101514_20180314T110448_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T110448_20180314T115427_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T124402_20180314T133341_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T133341_20180314T142315_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T142315_20180314T151254_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T151254_20180314T160229_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180314T160229_20180314T165208_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_GOP_220180314T165208_20180314T174142_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T174142_20180314T183121_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T192056_20180314T201035_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T201035_20180314T210009_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T210009_20180314T214948_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T214948_20180314T223923_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T223923_20180314T232902_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180314T232902_20180315T001837_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.