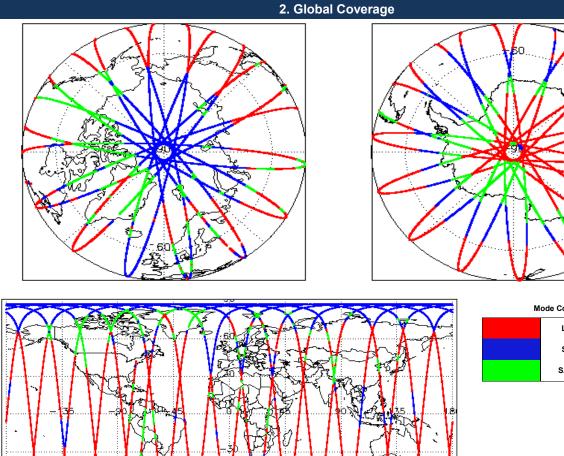


IDEAS+ Daily Report for OFFLINE data:

<u>02/07/2019</u>

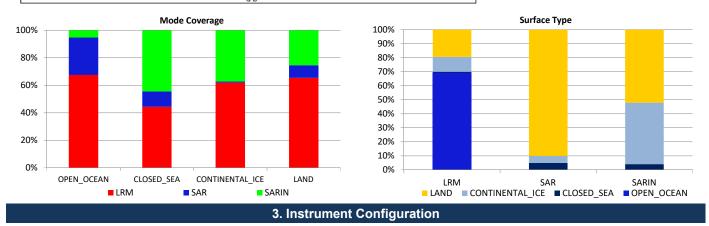
1. Overview				
Check Status				
Report Production Date:01-Aug-2019		Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	Crucest los Processor	Server check: calval-pds.cryosat.esa.int Nominal	Nominal	
Processor Usea:	CryoSat Ice Processor	Product Software Check	Nominal	
Dete Head	L1B and L2 OFFLINE Data	Product Format Check	Nominal	
Data Used:	LIB and L2 OFFLINE Data	Product Header Analysis	Nominal Nominal	
•		Star Tracker Usage Check	Nominal	
		L1B Tracking Flag Check	See Section 4.4	
		L1B Calibration Usage Check	Nominal	
		L1B & L2 Auxiliary Data File Usage Check	Nominal	
		L1B & L2 Auxiliary Correction Error Check	Nominal	
		L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5	

Mission / Instrument News			
01-Jul-2019	None		
02-Jul-2019	None		
03-Jul-2019	Nothing planned		



Mode	Coverage	(%)

2	
LRM	66.4
SAR	20.5
SARIn	13.1



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

SIRAL - A

4. 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 product file (.DBL).

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

4.3 Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing.

0

Number of products with errors:

4.4 L1B Tracking Flags Check

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

Loss of Echo Flag: This flag is currently set for some products over land, but this is to be expected.

CS_OFFL_SIR_LRM_1B_20190702T142419_20190702T142430_D001

84

Number of products with errors:

Product Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20190701T235713_20190702T000018_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T000546_20190702T001114_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20190702T010621 20190702T010711 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T011322_20190702T011336_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T011339_20190702T011650_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T013201_20190702T013300_D001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20190702T013221_20190702T013200_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T014247_20190702T020812_D001	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_LRM_1B_20190702T022329_20190702T025010_D001	Loss of echo Loss of echo	
CS_OFFL_SIR_LRM_1B_20190702T025014_20190702T025357_D001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T025359_20190702T025756_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T031622_20190702T033053_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T040208_20190702T041651_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T041654_20190702T041848_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T041851_20190702T042213_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T042237_20190702T042739_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T042916_20190702T043029_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T043207_20190702T043327_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T043400_20190702T043528_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T043732_20190702T043819_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T054921_20190702T055512_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T055515_20190702T055646_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T055709_20190702T060402_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T060545_20190702T060830_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T061120_20190702T061203_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T064347_20190702T070502_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T073407_20190702T074123_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T080844_20190702T084401_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T085217_20190702T085454_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T090258_20190702T091527_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T094710_20190702T095327_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T095431_20190702T100619_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T100823_20190702T102312_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T104007_20190702T105034_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T105140_20190702T105353_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T105652_20190702T110856_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T110952_20190702T111149_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T112557_20190702T113547_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T113550_20190702T113933_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T121758_20190702T125037_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T125228_20190702T125328_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T130427_20190702T131215_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T131331_20190702T131425_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T131809_20190702T134103_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T134553_20190702T134922_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T135626_20190702T142411_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T142413_20190702T142415_D001	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

CS_OFFL_SIR_LRM_1B_20190702T142435_20190702T142443_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T142448_20190702T142448_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T142451_20190702T142451_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T144651_20190702T145108_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T145214_20190702T152109_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T162310_20190702T162852_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T162925_20190702T163005_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T163203_20190702T163307_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T163430_20190702T164157_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T164211_20190702T164227_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T164602_20190702T164732_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T164736_20190702T164744_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T164747_20190702T165209_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T180434_20190702T180446_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T180831_20190702T180857_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T180907_20190702T180920_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T181242_20190702T181253_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T181317_20190702T181512_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T181655_20190702T181951_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T184254_20190702T184802_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T185429_20190702T193033_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T195239_20190702T195705_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T202507_20190702T202705_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T203436_20190702T205124_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T205605_20190702T211033_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T214222_20190702T215623_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T220414_20190702T220616_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T221324_20190702T222832_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T223033_20190702T223956_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T224238_20190702T225013_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T230503_20190702T230605_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T230650_20190702T231901_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T232616_20190702T232803_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T232806_20190702T232810_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T232815_20190702T232818_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190702T232820_20190702T232842_D001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

Each product is checked in order to ensure that the necessary calibration files have been used in processing. 0

Number of products with errors:

4.6 L1B Auxilary 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:

4.7 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set. 0

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 1B products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Block Degraded Flag: This flag is currently set for a number of individual records generally at the start or end of products (all modes), but this is to be expected.

Phase Perturbation Flag: This flag is currently set for all L1B SARIn products, indicating that the ADC correction application is deactivated, but this is in line with the current configuration.

Number of products with errors: 2 Product Test Failed Description The tracking echo has returned an error and the Rx1 Echo Error flag is set, CS OFFL SIR LRM 1B 20190702T110952 20190702T111149 D001 Echo error, TRK echo error indicating a degraded echo The tracking echo has returned an error and the Rx1 Echo Error flag is set, CS_OFFL_SIR_LRM_1B_20190702T121758_20190702T125037_D001 Echo error, TRK echo error indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

0

5.2 L2 Product Header Analysis

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

Number of products with errors:	0		
5.3 L2 Auxiliary Data File Usage Chec	k		
Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0			
5.4 L2 Auxiliary Correction Error Cheo	ck		

CryoSat L2 data includes a correction error flag (field 30) for each measurement record. The bit value of this flag indicates any problems when set.

0

55

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag (field 50) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 2 products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Freeboard error: This flag is correctly set in all L2 SAR products that are not discriminated as sea-ice, and for which freeboard cannot be calculated.

Height and Backscatter errors: These flags are currently set for products over land, but this is to be expected. Retracker 1 Height and Backscatter error flags are also set for products over sea-ice, but this is to be expected.

Peakiness error: This flag is currently set for products over sea-ice, but this is to be expected.

SARIN X-Track Angle Error: This flag is set when the difference between the computed surface elevation and the DEM is >50 m. The DEM is only available over Greenland and Antarctica and as a result this flag is set for L2 SARIn products in all other locations as expected.

SSHA interpolation error: This flag is currently set for a number of SAR products occurring at surface type boundaries, but this is to be expected.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220190701T235713_20190702T000018_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T000035_20190702T000424_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220190702T000546_20190702T001114_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220190702T001244_20190702T002903_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T004407_20190702T010545_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T011834_20190702T011935_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T014247_20190702T020812_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T022329_20190702T025010_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T031622_20190702T033053_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T033629_20190702T034644_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T040208_20190702T041651_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220190702T042237_20190702T042739_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220190702T043845_20190702T043955_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T045212_20190702T052553_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220190702T054921_20190702T055512_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T062957_20190702T064101_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface Model Unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190702T064347_20190702T070502_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T073407_20190702T074123_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T074211_20190702T074639_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220190702T075449_20190702T075501_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T075548_20190702T075612_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220190702T080844_20190702T084401_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220190702T090258_20190702T091527_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

CR_CPPL_DR_L_POLICYTTERST_DDI Haar Processor (Complete Complete C	CS_OFFL_SIR_LRM_220190702T091541_20190702T093258_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
C2: 0FFL SR URD 2, 2010/07/2110025 2019/07/2110212 D001 Page 1 and places 2 in parameters of the sector of the sec	CS_OFFL_SIR_LRM_220190702T094710_20190702T095327_D001	Error (Retracker 2), Surface Model	
C2_CPH_LBR_LENDDOMONDY110212_20100721110202_20100721110202_0000 People Set Set Set Set Set Set Set Set Set Se	CS_OFFL_SIR_LRM_220190702T095431_20190702T100619_D001	(Retracker 3), Backscatter Error	
Control Control <t< td=""><td>CS_OFFL_SIR_LRM_220190702T100823_20190702T102312_D001</td><td>Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error</td><td></td></t<>	CS_OFFL_SIR_LRM_220190702T100823_20190702T102312_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	
CS OFL SRUM _ 2010072711032_0101707111102_0001 Initial financial control in sources CS, OFL_SRUM _ 2010072711032_0101707111102_0001 Hubbas Mood Unavailable No DEA on Stepp Model was used for the location of one or more moods. CS, OFL_SRUM _ 2010072711032_0101707111102_0001 Hubbas Mood Unavailable No DEA on Stepp Model was used for the location of one or more moods. CS, OFL_SRUM _ 20100727110302_0101707111102_0001 Hubbas Mood Unavailable No DEA one or more moods. CS, OFL_SRUM _ 20100727110302_0101707111020_0001 Hubbas Mood Unavailable No DEA one or more moods. CS, OFL_SRUM _ 20100727110302_0101707110300_0001 Hubbas Mood Unavailable No DEA one or more moods. CS, OFL_SRUM _ 20100727110300_0011 Hubbas Mood Unavailable No DEA one or more moods. CS, OFL_SRUM _ 20100727110300_0011 Hubbas Mood Unavailable No DEA one or more moods. CS, OFL_SRUM _ 20100727110300_0011 Hubbas Mood Unavailable No DEA one or more moods. CS, OFL_SRUM _ 20100727116200_0011 Hubbas Mood Unavailable No DEA one or more moods. CS, OFL_SRUM _ 20100727116200_0011 Hubbas Mood Unavailable No DEA one or more moods. CS, OFL_SRUM _ 20100727116200_00111021100_0001 Hubbas Mood Unavailable No DEA one or more moods. CS, OFL_SRUM _ 20100707716000_001007111020_0001 Hubbas Mood	CS_OFFL_SIR_LRM_220190702T104007_20190702T105034_D001		
C6. OFFL_SIR_UBM_2_001007021102705_2001077021102100_0001 Pright Enry (Resource 2) C6. OFFL_SIR_UBM_2_001007021103100_001001 Suffice Made Resource 2) Suffice Made Resource 2) C6. OFFL_SIR_UBM_2_001007021103100_00101 Suffice Made Resource 2) Suffice Made Resource 2) C6. OFFL_SIR_UBM_2_001007021103200_001001 Suffice Made Resource 2) Suffice Made Resource 2) C6. OFFL_SIR_UBM_2_001007021103200_001001 Suffice Made Resource 2) Suffice Made Resource 2) C6. OFFL_SIR_UBM_2_001007021103200_001001 Suffice Resource 2) Suffice Resource 2) Suffice Resource 2) C6. OFFL_SIR_UBM_2_001007021103200_001001 Suffice Resource 2) Suffice Resource 2) <td>CS_OFFL_SIR_LRM_220190702T105652_20190702T110856_D001</td> <td></td> <td></td>	CS_OFFL_SIR_LRM_220190702T105652_20190702T110856_D001		
CSI, CFL, SRL, LAM, 2, 201907027121032, 201007027130126, 2010 PROVIDED 1 PROVIDED 1 <td>CS_OFFL_SIR_LRM_220190702T110952_20190702T111149_D001</td> <td>Surface Model Unavailable</td> <td>No DEM or Slope Model was used for the location of one or more records</td>	CS_OFFL_SIR_LRM_220190702T110952_20190702T111149_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CB_OFFL_SIR_LIM_2_0010072713508_20100722113410_D001 right Dare (Reinsder 2), Height Errer (Reinsder 2), CB_OFFL_SIR_LIM_2_0010072713508_201007221142411_D001 right Dare (Reinsder 2), Reinsder 2), Reinsder 2, Reinsd	CS_OFFL_SIR_LRM_220190702T121758_20190702T125037_D001	(Retracker 3), Backscatter Error	
GS, OFFL, SR, LRM, 2_20100702113409, 20100702113409, 2001 [Reinsder 3] Stabilization for regroups for Reinsder 2 Stabilization for regroups GS, OFFL, SR, LRM, 2_20100702113209, 201007021142163, 201007021142163, 201007021142163, 201007021142163, 201007021142163, 201007021142163, 201007021142163, 201007021142163, 201007021142163, 201007021142163, 201007021142163, 201007021142039, 20	CS_OFFL_SIR_LRM_220190702T130427_20190702T131215_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Cd_DFL_SR_LR4_2_00100727113625_0100727113210_D001 IPentadora in a hask-scalar from intervention on the induction of the induction	CS_OFFL_SIR_LRM_220190702T131809_20190702T134103_D001	(Retracker 3), Backscatter Error	
Displant Displant Env (Retacker 2) records C8 OFFL_SIR_LEM_2_201007027163400_20100720716444_0001 Height Env (Retacker 2), Backsoatter There is a height and backscatter env for Retacker 2 for one or more encods C8 OFFL_SIR_LEM_2_201007027162300_201007027164260_0001 Height Env (Retacker 2), Backsoatter There is a height and backscatter env for Retacker 2 for one or more encods C8 OFFL_SIR_LEM_2_201007027162300_201007027164350_0001 Height Env (Retacker 2), Backsoatter There is a height and backscatter env for Retacker 2 and a height env for Retacker 2 and an oELA of a backscatter env for Retacker 2 and an oELA of a backscatter env for Retacker 2 and a height env for Retacker 2 and height env for Retacker 2 and a height env for Retacker 2 and he	CS_OFFL_SIR_LRM_220190702T135626_20190702T142411_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	
Corpert, Sin, Lew, 2. 20190702716220, 20190702716000, D001 Error (Retracker 2), Backcaster necosis CS, OFFL, SIR, LRM, 2. 201907027162210, 201907027162852, D001 Height Error (Retracker 2), Backcaster There is a height and backscater error for Retracker 2 and a height error (Retracker 2), Englisher (Retracker 2), Engli	CS_OFFL_SIR_LRM_220190702T145214_20190702T152109_D001		
CyPFIL_SIR_LEM_2_20190702716230_201907027162852_D001 Enor (Retracker 2) records CS_OFFL_SIR_LEM_2_20190702716230_201907027162852_D001 Height Error (Retracker 2), Backscatter Error (Retrac	CS_OFFL_SIR_LRM_220190702T153609_20190702T154644_D001		
CS_OFFL_SIR_LRM_2_20190702T162310_20190702T162852_D001 [Retracker 2] Backscatter Error (Retracker 2) Backscatter Error (Retracker	CS_OFFL_SIR_LRM_220190702T155220_20190702T161000_D001		
CS_OFFL_SIR_LRM_2_20190702117603_010702118031_0001 Envir (Retracker 2) records CS_OFFL_SIR_LRM_2_201907021176051_0001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscat	CS_OFFL_SIR_LRM_220190702T162310_20190702T162852_D001	(Retracker 3), Backscatter Error	
CB_OFFL_SIR_LRM_2_01007021170100_01170801_0001 Emore (Retracker 2) Free ords CS_OFFL_SIR_LRM_2_0100702118014_0100702118034_D001 Height Error (Retracker 2), Biadxacatter Error (Retracker 2), Surface Model Unavailable There is a height and backscatter error for Retracker 2, a height error for records CS_OFFL_SIR_LRM_2_01007021180134_D001021193033_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or more tecords CS_OFFL_SIR_LRM_2_01007021182135_01007021195705_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or more tecords CS_OFFL_SIR_LRM_2_01007021195755_0100702105705_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_01007021105705_D01010 Height Error (Retracker 2), Height Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_01007021205045_01007021201452_D001 Retracker 2), Height Error (Retracker 2) There is a height and backscatter error for Retracker 2, and a height error for Retracker 2) CS_OFFL_SIR_LRM_2_01007021205005_0100702121033_D001 Retracker 2), Height Error (Retracker 2) There is a height and backscatter error for Retracker 2, and a height error for Retracker 2) CS_OFFL_SIR_LRM_2_01007021220303_01007021220304_D001 Retracker	CS_OFFL_SIR_LRM_220190702T163430_20190702T164157_D001		•
CS_OFFL_SIR_LRM_2_20190702T180154_20190702T180317_D001 [Refracker 2), Backscatter Error Retracker 3 and no DEM or Siope Model was used for the location of one CS_OFFL_SIR_LRM_2_20190702T182135_20190702T183834_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2),	CS_OFFL_SIR_LRM_220190702T171600_20190702T175051_D001		•
CS_OFFL_SIR_LRM_2_20190702T195239_20190702T195033_D001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20190702T195239_20190702T195705_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Leight Error (Retracker 2), Leight Error (Retracker 2), Leight Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error	CS_OFFL_SIR_LRM_220190702T180154_20190702T180317_D001	(Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one
CS_OFFL_SIR_LRM_2_20190702T19529_20190702T195705_D001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20190702T195705_D001 Height Error (Retracker 2), Backscatter Error (Retracker 3), Backs	CS_OFFL_SIR_LRM_220190702T182135_20190702T183834_D001		6
CS_OFFL_SIR_LRM_2_20190702T195239_20190702T195705_D001 (Retracker 3), Backscatter Error (Retracker 2) Interfactor 30 no er more records CS_OFFL_SIR_LRM_2_20190702T195755_20190702T201535_D001 Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracke	CS_OFFL_SIR_LRM_220190702T185429_20190702T193033_D001		
CS_OFFL_SIR_LRM_2_20190702T203436_20190702T205124_D001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20190702T203436_20190702T205124_D001 Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2),	CS_OFFL_SIR_LRM_220190702T195239_20190702T195705_D001	(Retracker 3), Backscatter Error	5
CS_OFFL_SIR_LRM_2_20190702T203436_20190702T205124_0001 (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Surface Model Unavailable There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Stope Model was used for the location of one (Retracker 2), Surface Model Unavailable CS_OFFL_SIR_LRM_2_20190702T212337_20190702T212332_0001 (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Erro	CS_OFFL_SIR_LRM_220190702T195755_20190702T201535_D001		
CS_OFFL_SIR_LRM_2_20190702T205605_20190702T211033_D001 (Retracker 3), Backscatter Error (Retracker 2), Surface Model Unavailable Retracker 3 and no DEM or Slope Model was used for the location of one (Retracker 2), Surface Model Unavailable CS_OFFL_SIR_LRM_2_20190702T212317_20190702T214051_D001 (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter E	CS_OFFL_SIR_LRM_220190702T203436_20190702T205124_D001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20190702T212317_20190702T214051_D001 (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2) Interfers a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20190702T221324_20190702T223033_20190702T223956_D001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20190702T224238_20190702T223033_20190702T225013_D001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records CS_OFFL_SIR_LRM_2_20190702T230246_20190702T230348_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20190702T230650_20190702T230348_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20190702T230650_20190702T231901_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or m	CS_OFFL_SIR_LRM_220190702T205605_20190702T211033_D001	(Retracker 3), Backscatter Error (Retracker 2), Surface Model Unavailable	Retracker 3 and no DEM or Slope Model was used for the location of one
CS_OFFL_SIR_LRM_2_20190702T221324_20190702T222832_D001 (Retracker 3), Backscatter Error (Retracker 2) Interests a height and backscatter error for Retracker 2 and a height error for Retracker 2 and a height error (Retracker 2). CS_OFFL_SIR_LRM_2_20190702T223033_20190702T223956_D001 (Retracker 3), Backscatter Error (Retracker 2). Height Error (Retracker 2). There is a height and backscatter error for Retracker 2 and a height error for Retracker 2 and a height error for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20190702T224238_20190702T225013_D001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records CS_OFFL_SIR_LRM_2_20190702T230246_20190702T230348_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20190702T230650_20190702T231901_D001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	CS_OFFL_SIR_LRM_220190702T212317_20190702T214051_D001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20190702T223033_20190702T223956_D001 (Retracker 3), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 and a height error for Retracker 2) CS_OFFL_SIR_LRM_2_20190702T224238_20190702T225013_D001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records CS_OFFL_SIR_LRM_2_20190702T230246_20190702T230348_D001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (CS_OFFL_SIR_LRM_220190702T221324_20190702T222832_D001	(Retracker 3), Backscatter Error (Retracker 2)	
CS_OFFL_SIR_LRM_2_20190702T230246_20190702T230348_D001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20190702T230650_20190702T231901_D001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2), Backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220190702T223033_20190702T223956_D001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20190702T230650_20190702T231901_D001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20190702T230650_20190702T231901_D001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2) for one or more records	CS_OFFL_SIR_LRM_220190702T224238_20190702T225013_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20190702T2326650_20190702T231901_D001 (Retracker 3), Backscatter Error (Retracker 2), Height Error There is a height and backscatter error for Retracker 2 and a height error for Retracker 2, height Error CS_OFFL_SIR_LRM_2_20190702T232616_20190702T232803_D001 (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error There is a height and backscatter error for Retracker 2 and a height error for Retracker 3, Backscatter Error CS_OFFL_SIR_LRM_2_20190702T233500_20190702T233500_20190702T233260_D001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 and a height error CS_OFFL_SIR_LRM_2_20190702T233500_20190702T2332726_D001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220190702T230246_20190702T230348_D001		
CS_OFFL_SIR_LRM_2_20190702T232616_20190702T232803_D001 (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2 and a neight error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2), Backscatter error for Retracker 2 for one or more records (Retracker 2), Backscatter error for Retracker 2), Backscatte	CS_OFFL_SIR_LRM_220190702T230650_20190702T231901_D001	(Retracker 3), Backscatter Error	
	CS_OFFL_SIR_LRM_220190702T232616_20190702T232803_D001	(Retracker 3), Backscatter Error	
	CS_OFFL_SIR_LRM_220190702T233500_20190702T233726_D001		•