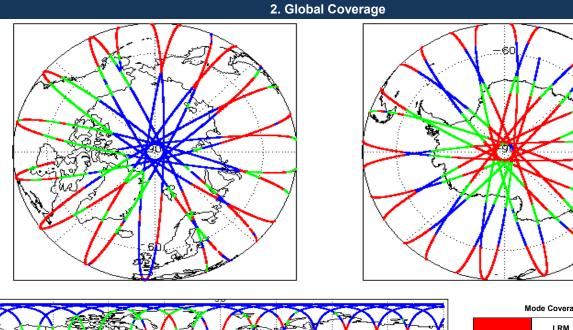


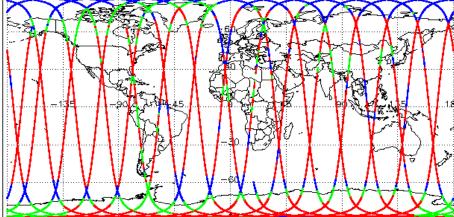
QA4EO Daily Report for OFFLINE data:

<u>27/10/2019</u>

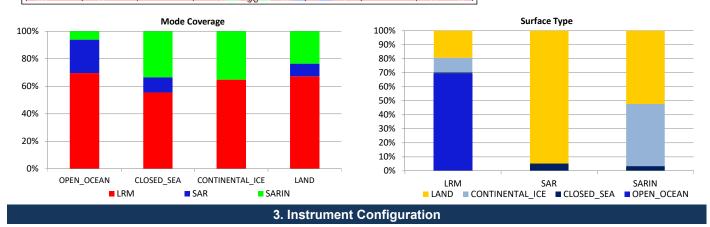
1. Overview				
Report Production Date:	29-Nov-2019	Check	Status	
Report Production Date.		Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
Processor Used.		Product Software Check	Nominal	
Data Used:	L1B and L2 OFFLINE Data		Product Format Check	Nominal
Data Osed:			Product Header Analysis	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			
26-Oct-2019	None		
27-Oct-2019	None		
28-Oct-2019	Nothing planned		





Mode Coverage (%)		
	LRM	68.5
	SAR	18.6
	SARIn	12.9



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.

89

Number of products with errors:

Core, Ser, Link, He, 201907701158, 201907701157, 201907701157, 201907701573 Loss of who The tracking sech is masing for one or more records C3, OFT, SET, UM, He, 2019077013731, 201907701373, 201907701373, 2019077013731 Loss of who The tracking sech is masing for one or more records C3, OFT, SET, UM, He, 2019077013731, 201907703259, 2001 Loss of who The tracking sech is masing for one or more records C3, OFT, SET, UM, He, 201907703257, 2019077703575, 2019077703575, 2019077703575, 2019077703575, 2019077703575, 2019077703575, 2019077703575, 2019077703575, 2019077703575, 2019077703575, 2019077703576, 2019077703576, 2019077703576, 2019077703576, 2019077703576, 20190777057676, 20190777057676, 2019077705767, 2019077705767, 2019077705767, 2019077705767, 2019077705767, 20190777057676, 2019077705767, 2019077705767, 2019077705767, 201907	Product	Test Failed	Description
SC OFFL SRI LML 18 2619002701573 2019/027102215.001 Loss of exists The backing exits is masking for one or more records CS_OFFL SRI LML 18.2619002701215.2019/027102215.001 Loss of exists The backing exits is masking for one or more records CS_OFFL SRI LML 18.2019002703012 2019/027103125.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.2019002703012 2019/027103125.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.2019002703012 2019/027103125.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.2019017070642.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.2019017070642.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.2019017070642.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.2019017070642.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.20190170706452.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.20190170706452.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.20190170706452.001 Loss of exists The tacking exits is masking for one or more records CS_OFFL SRI LML 18.20190170706452.001017100	CS_OFFL_SIR_LRM_1B_20191027T011126_20191027T011617_D001	Loss of echo	The tracking echo is missing for one or more records
CL_OFFL_SRL_NA_18_2019162710215_20191027102358_0001 Loss of orbits The tracking exits immany for one or more records CL_OFFL_SRL_NA_18_10_00197070037103080_0001 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_2019707103081_2019271030215_0001 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_2019727104231_201927104221_0001 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_2019727104232_0101027104421_0001 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_2019727104232_0101027105402_01001 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_2019727104231_2019027105603_01001027105603_00101 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_20191027105603_0101007105603_00101 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_20191027105603_0101007105603_00101 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_20191027105605_010101 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_20191027105605_01011 Loss of orbits The tracking exits immany for one or more records CS_OFFL_SRL_NA_18_20191027105605_0101	CS_OFFL_SIR_LRM_1B_20191027T011645_20191027T011830_D001	Loss of echo	The tracking echo is missing for one or more records
CG.OFFL_SRLUM.18_201910271031611_20191027103086_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_20191027104021_2019102710422_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_20191027104023_2019102710422_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_20191027104258_2019102710428_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_20191027104258_2019102710428_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_2019107705003_20191027106258_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_2019107705003_20191027106258_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_2019107705003_20191027106258_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_20191027106258_D0191027106658_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_20191027106658_D0191027106658_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_20191027106658_D1919027106658_D001 Loss of exho The tracking exho is meany for one or more records CG.OFFL_SRLUM.18_20191027106658_D191927106658_D001 Loss of exho The tracking exho is meany for one or more records	CS_OFFL_SIR_LRM_1B_20191027T013731_20191027T021255_D001	Loss of echo	The tracking echo is missing for one or more records
C3_0FFL_SR_URM_10_0191927703334_0191122703345_001 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_20191227012355_001 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_20191227012355_02191227103305_0001 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_20191227103555_0011 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_20191227103555_0011 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_20191227103555_0011 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_2019127103555_0011 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_2019127103555_0111 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_2019127103555_01011 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_2019127103555_01011 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_2019127103555_01011 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_2019127103555_01011 Loss of acbs The tracking acbs instaing for one more incoses C3_0FFL_SR_URM_10_2019127103555_001	CS_OFFL_SIR_LRM_1B_20191027T022125_20191027T022519_D001	Loss of echo	The tracking echo is missing for one or more records
C5 OFFL_SR_LRM_18_2019027704001_2019027704032_0001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_2019027704032_0019027014032_0001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_2019027704032_0019027010037_0001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_20190277010303_0019027103039_001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_20190277010303_0019021703039_001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_2019027700303_0019027703503_001001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_2019027703503_0019027705503_001001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_2019027705503_2019027705505_001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_2019027705503_2019027705550_001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_2019027706552_019027706550_001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_2019027706552_019027706550_001 Loss of echo The tracking echo is making for one or more records C5_OFFL_SR_LRM_18_2019027706552_01902	CS_OFFL_SIR_LRM_1B_20191027T031611_20191027T033045_D001	Loss of echo	The tracking echo is missing for one or more records
C6_OFTL_SR_LRA_18_20191277104134_20191227710423_D001 Loss of exha The backing exha is making for one or more records C6_OFTL_SIR_LRA_18_20191277104256_2019122770002 Loss of exha The backing exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127710422 Loss of exha The backing exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127710427 Loss of exha The backing exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127710427 Loss of exha The backing exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127704278 Loss of exha The bracking exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127704045 Loss of exha The bracking exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127704045 Loss of exha The bracking exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127704045 Loss of exha The bracking exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127704045 Loss of exha The bracking exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127704045 Loss of exha The bracking exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127704045 Loss of exha The bracking exha is making for one or more records C6_OFTL_SIR_LRA_18_2019127704045 Loss of exha The bracking exha is making for one or more records C6_OFTL_SIR_LRA_18_2019	CS_OFFL_SIR_LRM_1B_20191027T033527_20191027T033845_D001	Loss of echo	The tracking echo is missing for one or more records
GS_OFFL_SIR_LRM_18_20191027704259_20191027704421_D001 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_2019102700559_20191027705592_001 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_2019102705592_0191027705592_001 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_20191027105592_0191027705592_001 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_20191027705593_0191027705593_001 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_20191027705593_0191027705593_001 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_2019102700592_0191027705593_0001 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_2019102700592_0191027706593_0001 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_20191027706192_0011 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_20191027706193_0011 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_20191027706193_0011 Less of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LRM_18_20191027706193_0011 <	CS_OFFL_SIR_LRM_1B_20191027T034001_20191027T035215_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFTL_SR_LRM_18_20191027705052 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705052_20191027705052 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705124_20191027705052_0001 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705124_20191027705052_0001 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705052_0017705052_0001 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705052_0017705052_0001 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705052_0017705052_0011 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705052_0017705052_0011 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705052_0191027705052_0011 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705052_0011 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705052_0011 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20191027705052_0011 Less of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_201910277050552_0011 </td <td>CS_OFFL_SIR_LRM_1B_20191027T041034_20191027T042342_D001</td> <td>Loss of echo</td> <td>The tracking echo is missing for one or more records</td>	CS_OFFL_SIR_LRM_1B_20191027T041034_20191027T042342_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LBM_1B_20191027763000_20191027705028_D001 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_20191027705023_20191027705503_D001 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_20191027705503_20191027705503_D001 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_20191027705503_D0191027705503_D010 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_201910277050503_D0191027705055_D001 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_20191027705052_D0191027705055_D001 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_20191027705052_D0191027705050_D001 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_20191027705052_D0191027705050_D010 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_20191027705052_D0107706152_D010 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_201910277050348_D0197706425_D01 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SIR_LBM_1B_201910277050348_D0197706425_D01 Loss of exho The tacking octo is missing for one or more records CS_OFFL_SI	CS_OFFL_SIR_LRM_1B_20191027T042556_20191027T044421_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFH_SIR_LAM_18_201910271050521_20191027105556_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105500_20191027105559_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105500_20191027105550 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105500_20191027105550 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105500_20191027105555 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105557_20191027105555_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105552_20191027105559_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105572_20191027105509_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105582_20191027105538_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105422_20191027105428_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LAM_18_20191027105422_20191027105428_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF	CS_OFFL_SIR_LRM_1B_20191027T045520_20191027T050007_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LEM_18_201910277051728_201910277053329_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191027705503_20191027705529_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_201910277056150_20191027705655_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191027705615_019017705655_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191027705657_20191027705655_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191027705657_20191027706656_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191027706657_20191027706658_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191027706658_D0101 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_D0191027706458_D0190277064855_D011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_D0191027706438_D0190277064355_D011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_D0191027706450_D0190277064455_D011 Loss of echo The tracking echo is missing for one or more records CS_O	CS_OFFL_SIR_LRM_1B_20191027T050009_20191027T050208_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027105003_201910271050251_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_201910271050503_201910271050586_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027105051_20191027105050_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027105052_10191027105055_D00101Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027105052_1019027105055_D00101Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027105052_1019027105055_D00101Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027105052_019027106055_D0010Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027106053_D019027106055_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027106052_D019027106405_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027106405_D0190271064702_D010027106470_D0101Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027106405_D019027106470_D0101Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027106405_D019027106470_D0101Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027106405_D01902710740420_D0010Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1	CS_OFFL_SIR_LRM_1B_20191027T050521_20191027T051546_D001	Loss of echo	The tracking echo is missing for one or more records
CB_OFFL_SIR_LEM_1B_20191027T055533_20191027T055556_D001Loss of echoThe tracking echo is missing for one or more recordsCB_OFFL_SIR_LEM_1B_20191027T06455_20191027T06055_D001Loss of echoThe tracking echo is missing for one or more recordsCB_OFFL_SIR_LEM_1B_20191027T06055_20191027T06055_D0011Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T06055_20191027T06055_D0011Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T06055_20191027T06056_D0011Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T06052_20191027T061865_D0011Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T061057_20191027T061865_D0011Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T061858_D019027T061855_D0011Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T06428_D010127T064025_D0011Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T06428_D010127T064025_D0011Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T06402_D019027T064025_D011Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T07412_D0191027T06402_D0101Loss of echoThe tracking echo is missing for one or more necordsCB_OFFL_SIR_LEM_1B_20191027T07412_D0191027T07413_D019027T07413_D019027T07413_D019027T07413_D019027T07413_D019027T07413_D019027T07413_D019027T07413_D019027T07413_D019027T07413_D019	CS_OFFL_SIR_LRM_1B_20191027T051726_20191027T053059_D001	Loss of echo	The tracking echo is missing for one or more records
C8_0FFL_SIR_LRM_18_201910271060452_20191027106050Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_201910271060542_20191027106050Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106057_201910271060552_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106052_201910271060502_00110271060502_0011Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106052_201910271060502_0011027050505_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106052_20191027106052_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106338_20191027106422_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106422_20191027106422_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106422_20191027106422_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106422_20191027106422_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106420_20191027106422_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_20191027106430_20191027106430_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM_18_201910271074402_201910271074402_0001Loss of echoThe tracking echo is missing for one or more recordsC8_0FFL_SIR_LRM	CS_OFFL_SIR_LRM_1B_20191027T055033_20191027T055219_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_201910277060542_01910277060550_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027706057_201910277060550_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027706052_201910277060500_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027706052_201910277060500_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027706052_201910277060505_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027706052_201910277063505_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277064202_201910277064205_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277064202_201910277064205_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277064202_201910277064202Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277064202_20190177064202Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277064672_201910277064202Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277064672_201910277064202Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2019102770764672_201910277064202Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2019102770764672_2019102770	CS_OFFL_SIR_LRM_1B_20191027T055503_20191027T055958_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_201910277000521_201910277000550_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277000523_201910277000053_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2019102770000523_201910277000053_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2019102770000523_201910277000053_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277000053_D01910277000053_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277000053_D01910277000053_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_201910277000053_D01910277000005_D01910277000005_D01910277000005_D01910277000005_D01910277000005_D01910277000005_D01910277000005_D01910277000000_D01910277000000_D01910277000000_D01910277000000_D01910277000000_D01910277000000_D01910277000000_D01910277000000_D01910277000000_D01910277000000_D01910277000000_D01910277000000_D01910	CS_OFFL_SIR_LRM_1B_20191027T060450_20191027T060451_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191027T060557_20191027T060549_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T06052_20191027T06053_D0191027T06053_D0191027T06053_D0191027T06053_D0191027T06053_D0191027T06053_D0191027T06053_D0191027T06053_D0191027T060535_D011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T06057_D0191027T06052_D0191027T06355_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T06052_D0191027T06355_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064252_D0191027T064125_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064125_D0191027T064125_D011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064125_D0191027T064125_D011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064557_20191027T064250_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T076457_20191027T076442_D01102Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T07801_20191027T07542_D011027T07542_D0110Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T07801_20191027T07542_D011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T07801_20191027T07842_D011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T	CS_OFFL_SIR_LRM_1B_20191027T060454_20191027T060516_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T060602_20191027T060693_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T060632_20191027T060034_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T06334B_20191027T064025_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T06334B_20191027T064025_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064025_20191027T064125_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064129_20191027T064125_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064129_20191027T064425_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064433_20191027T06465_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064432_20191027T0704459_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T071645_20191027T0710342_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T071645_20191027T0710342_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T071645_20191027T070327_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T06455_20191027T061342_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LR	CS_OFFL_SIR_LRM_1B_20191027T060521_20191027T060550_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T060623_20191027T060934_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T063265_20191027T063865_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064025_D0110427064025_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064025_D011027T064125_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064120_20191027T064125_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064230_20191027T064125_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064320_20191027T064320_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064350_20191027T064350_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064350_20191027T0704380_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07138_20191027T071332_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07341_20191027T07334_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07342_20191027T0705342_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07342_20191027T0705342_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_	CS_OFFL_SIR_LRM_1B_20191027T060557_20191027T060559_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T061057_20191027T061365_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T063345_20191027T063355_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064028_20191027T064125_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064129_20191027T064125_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064128_20191027T06455_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064505_20191027T064650_2011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064704_20191027T064620_20011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07433_20191027T07433_20011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07433_20191027T07433_20011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07433_20191027T07532_0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07481_20191027T07532_0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07541_20191027T07532_0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T075452_20191027T08455_0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20	CS_OFFL_SIR_LRM_1B_20191027T060602_20191027T060619_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191027T063348_20191027T063485_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T06422_20191027T0644025_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064122_D0191027T064125_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064120_20191027T064125_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064502_D0191027T06455_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064502_D0191027T064502_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064502_D0191027T064502_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T0718457_20191027T07164302_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T0718432_D0191027T071433_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T075412_D0191027T075412_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T075412_D0191027T075422_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T075412_D0191027T075412_D019102Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T075412_D0191027T08455_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SI	CS_OFFL_SIR_LRM_1B_20191027T060623_20191027T060934_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191027T063858_20191027T064025_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064122_00191027T064122_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064122_0191027T0644239_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064420_20191027T064655_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064704_20191027T064655_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064704_20191027T0764704_20191027T0764820_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T0764704_20191027T0716433_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T07764704_20191027T0776432_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T0775412_0191027T07542_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T075412_0191027T07542_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T075412_0191027T07542_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T075412_0191027T064764_D01910_Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20191027T064764_D0191027T064764_D011Loss of echoThe tracking echo is missing for one or more recordsCS_O	CS_OFFL_SIR_LRM_1B_20191027T061057_20191027T061806_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T064028_20191027T064116_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064129_20191027T064129_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064030_D0191027T064655_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064655_D0191027T064655_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064655_D0191027T064650_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T070442_D191027T064820_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T071643_D191027T071333_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07184_D191027T075324_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T075611_20191027T075927_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07553_20191027T082114_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T0853_20191027T08545_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T08553_20191027T08545_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T09551_20191027T09541_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B	CS_OFFL_SIR_LRM_1B_20191027T063348_20191027T063855_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20191027T064630_20191027T064655_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T064657_20191027T064400_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07433_20191027T07433_D010Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T071433_20191027T071832_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T072601_20191027T072614_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T07419_20191027T075927_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T08419_20191027T08414_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T084525_20191027T08457_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T08553_20191027T08457_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T085419_20191027T095419_D0110Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095419_20191027T095419_D011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095419_20191027T095419_D011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T10034_D019027T1034_D010Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2019102	CS_OFFL_SIR_LRM_1B_20191027T064120_20191027T064125_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20191027T075419_20191027T075927_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T081635_20191027T082114_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T082526_20191027T084857_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095753_20191027T0905118_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T09551_20191027T095801_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095419_20191027T095801_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095835_20191027T09542_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T10026_20191027T100131_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T10026_20191027T100131_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T10323_20191027T104024_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113600_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113932_20191027T11395_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113932_20191027T11395_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20	CS_OFFL_SIR_LRM_1B_20191027T071854_20191027T072104_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T081635_20191027T08214_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T082526_20191027T084857_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T085753_20191027T090118_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T090511_20191027T093715_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095419_20191027T095801_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095835_20191027T095842_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095835_20191027T100131_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100134_20191027T10131_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T10134_20191027T102133_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113233_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113932_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113932_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113932_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B	CS_OFFL_SIR_LRM_1B_20191027T072601_20191027T075324_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T082526_20191027T084857_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T085753_20191027T090118_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T090511_20191027T093715_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095419_20191027T095801_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095835_20191027T095942_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T10026_20191027T100131_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100134_20191027T100133_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100134_20191027T100133_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100134_20191027T104024_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113020_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T11392_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114240_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1	CS_OFFL_SIR_LRM_1B_20191027T075419_20191027T075927_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T085753_20191027T090118_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T090511_20191027T093715_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095419_20191027T095801_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095835_20191027T095942_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T10026_20191027T100131_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100134_20191027T102133_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T10322_20191027T104024_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113022_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113022_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T11440_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T081635_20191027T082114_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T090511_20191027T093715_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T0958419_20191027T095801_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T095835_20191027T095942_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T10026_20191027T100131_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100134_20191027T102133_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T103223_20191027T104024_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113020_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113922_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114400_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T082526_20191027T084857_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20191027T095835_20191027T095942_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100026_20191027T100131_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100134_20191027T102133_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100323_20191027T104024_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113600_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113932_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T11420_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T090511_20191027T093715_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T10026_20191027T100131_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T100134_20191027T102133_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T103223_20191027T104024_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113600_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113922_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114200_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T095419_20191027T095801_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T100134_20191027T102133_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T103223_20191027T104024_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113600_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113932_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T11420_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T095835_20191027T095942_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T103223_20191027T104024_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113600_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113932_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T11420_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T100026_20191027T100131_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T113600_20191027T113915_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T113932_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T11420_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T11420_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T100134_20191027T102133_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T113932_20191027T113956_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114240_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20191027T114240_20191027T114413_D001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T103223_20191027T104024_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191027T11420_20191027T114413_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T113600_20191027T113915_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T114240_20191027T114413_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191027T113932_20191027T113956_D001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20191027T114000_20191027T114016_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191027T114557_20191027T114746_D001	CS_OFFL_SIR_LRM_1B_20191027T114240_20191027T114413_D001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20191027T114557_20191027T114746_D001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20191027T114923_20191027T115128_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T115237_20191027T115709_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T124808_20191027T125953_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T131731_20191027T131744_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T131859_20191027T132039_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T132111_20191027T132608_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T135327_20191027T135613_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T143309_20191027T143945_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T153326_20191027T153519_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T154709_20191027T155839_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T155841_20191027T160908_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T161308_20191027T161520_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T161523_20191027T161926_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T163237_20191027T164825_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T165100_20191027T165339_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T165445_20191027T170548_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T171204_20191027T171437_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T174458_20191027T175238_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T175242_20191027T175253_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T175322_20191027T175919_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T181107_20191027T181317_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T181440_20191027T182137_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T182314_20191027T184601_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T184948_20191027T185838_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T190213_20191027T192448_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T192455_20191027T192521_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T192816_20191027T192911_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T193044_20191027T193432_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T194932_20191027T195026_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T195149_20191027T202523_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T204132_20191027T210345_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T210347_20191027T210534_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T210537_20191027T210544_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T210550_20191027T211524_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T222644_20191027T224257_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T224327_20191027T224502_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T224643_20191027T224647_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T224651_20191027T224748_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T224927_20191027T225029_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T225103_20191027T225243_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191027T225524_20191027T225538_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.
Number of products with errors:
0

0

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: 0

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.

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: 1

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20191027T060602_20191027T060619_D001	IECDO EFFOR LEK ECDO EFFOR	The tracking echo has returned an error and the Rx1 Echo Error flag is set, 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).

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Number of products with errors:

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:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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.

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_220191027T000111_20191027T003411_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_220191027T005148_20191027T010759_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_220191027T012600_20191027T012649_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_220191027T013731_20191027T021255_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter 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 Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191027T023043_20191027T030356_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_220191027T031611_20191027T033045_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter 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 Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191027T033527_20191027T033845_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_220191027T034001_20191027T035215_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_220191027T041034_20191027T042342_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_220191027T042556_20191027T044421_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_220191027T050521_20191027T051546_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter 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 Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191027T051726_20191027T053059_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_220191027T055503_20191027T055958_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_220191027T060623_20191027T060934_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_220191027T061057_20191027T061806_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_220191027T061929_20191027T062136_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_220191027T063858_20191027T064025_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191027T064947_20191027T070940_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_220191027T072601_20191027T075324_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_220191027T082526_20191027T084857_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_220191027T090511_20191027T093715_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_220191027T095105_20191027T095146_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_220191027T100134_20191027T102133_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_220191027T104603_20191027T111736_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_220191027T113006_20191027T113158_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_220191027T122429_20191027T124522_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_220191027T124808_20191027T125953_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_220191027T130859_20191027T131345_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_220191027T132819_20191027T133418_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_220191027T133606_20191027T134555_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_220191027T140333_20191027T142927_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_220191027T143309_20191027T143945_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_220191027T145222_20191027T145914_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_220191027T145930_20191027T152350_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_220191027T154247_20191027T154619_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_220191027T154709_20191027T155839_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_220191027T155841_20191027T160908_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_220191027T163237_20191027T164825_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_220191027T165445_20191027T170548_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_220191027T172229_20191027T173609_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_220191027T173749_20191027T174031_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_220191027T175242_20191027T175253_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191027T181107_20191027T181317_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_220191027T181440_20191027T182137_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_220191027T182314_20191027T184601_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_220191027T190213_20191027T192448_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_220191027T195149_20191027T202523_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_220191027T204132_20191027T210345_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_220191027T210347_20191027T210534_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_220191027T210550_20191027T211524_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191027T213329_20191027T220305_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_220191027T222644_20191027T224257_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_220191027T224327_20191027T224502_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_220191027T225613_20191027T225750_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_220191027T230947_20191027T234252_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records