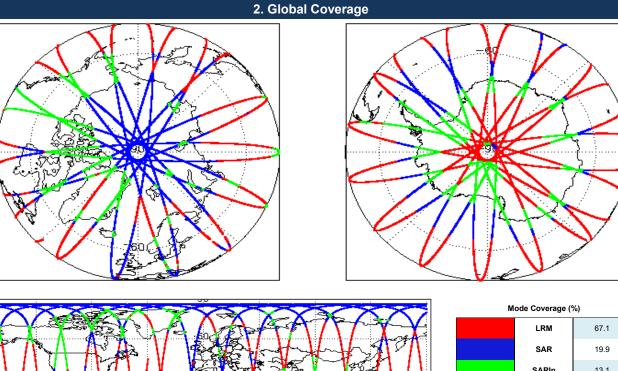


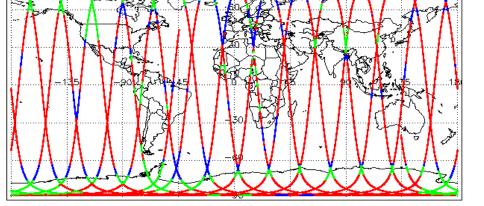
IDEAS+ Daily Report for OFFLINE data:

22/05/2019

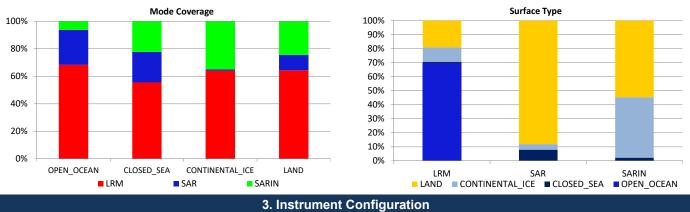
1. Overview			
		Check	Status
Report Production Date:	20-Jun-2019	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
	L1B and L2 OFFLINE Data	Product Format Check	Nominal
Data Used:		Product Header Analysis	See Section 5.2
		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
		1 1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5

Mission / Instrument News				
21-May-2019	None			
22-May-2019	None			
23-May-2019	Nothing planned			





Node Coverage (78)		
	LRM	67.1
	SAR	19.9
	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

0

71

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.

Number of products with errors:

Product		

Circl, Set, Jak, Jak, Jak, Jak, Jakobar, Ja	Product	Test Failed	Description
Co., OFFL, SRI, LIN, LIN, 20100227101482, 20100227101200 Loss of school The tracking scho is manup for sec or more reachs Co., OFFL, SRI, LIN, LIN, 20100227101412, 20100227101410, 20101 Loss of school The tracking scho is manup for sec or more reachs Co., OFFL, SRI, LIN, LIN, 20100227101414, 20100227101410, 20101 Loss of school The tracking scho is manup for sec or more reachs Co., OFFL, SRI, LIN, LIN, 20100227101414, 20100227101414, 20101227101442, 20100227101414, 201010227101442, 20100227101444, 2010102271011442, 20100227101444, 2010102271011442, 20100227101444, 2010102271011442, 20100227101444, 2010102271011442, 20100227101444, 2010102271011442, 20100227101444, 2010102271011442, 20100227101144, 20100227101144, 201010227101144, 20101142, 20101142, 20101142, 20101144, 201010227101144, 201000227101144, 20100027101144, 2010	CS_OFFL_SIR_LRM_1B_20190522T001254_20190522T002745_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SRL_INL_19_20100227011402_20100227101308_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227101308_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227101308_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227101308_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227101308_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227101308_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227103108_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227103108_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227103108_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227103108_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227103108_DD011 Loss of exto The tacking exto is mixing for new ornex months CS_OFFL_SRL_INL_10_20100227103108_DD011 Loss of exto The tacking exto is mixing for orne orne	CS_OFFL_SIR_LRM_1B_20190522T010008_20190522T011631_D001	Loss of echo	The tracking echo is missing for one or more records
bcb_cFL_SR_LAM_LB_000022710430_0001 Lass of acto The tracking once is mixing for one or more mooth bcb_cFL_SR_LAM_LB_0000022710430_0001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_0000022710430_0001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_0000022710430_0001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_0000022710430_00002710430_0001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_0000022710430_00002710430_0001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_000002710430_000002710430_0001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_000002710430_000001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_000002710430_00001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_000002710430_00001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_0000002710430_00001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_0000002710430_00001 Lass of acto The tracking occe is mixing for one or more mooth bcb_cFL_SR_LAM_LB_0000002710430_00001 Lass of acto The tracking occe is mixing for one or more mooth <	CS_OFFL_SIR_LRM_1B_20190522T011636_20190522T012050_D001	Loss of echo	The tracking echo is missing for one or more records
GS, OFH_SRL (RA, 18, 2019052701449, 2019052701449, 2001 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 2019052701449, 2019052701449, 2001 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 2019052701449, 2019052701449, 2019052701449, 2001 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 2019052701479, 20190527020149, 2001 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 2019052701479, 2019052702149, 2001 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 201905270149, 2019052702149, 20101 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 201905270149, 201905270149, 20101 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 2019052701449, 201015270149, 20101 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 2019052701449, 201015270149, 20101 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 2019052701449, 201015270149, 20101 Loss of exha The tracking exha instang for one or more records GS, OFF, SRL (RA, 18, 2019052701449, 201005270149, 201005270149, 201005270149, 201005270149, 201005270149, 201005270149, 201005270149, 201005270149, 201005270149	CS_OFFL_SIR_LRM_1B_20190522T012147_20190522T012201_D001	Loss of echo	The tracking echo is missing for one or more records
CS_CFT_SR_LRA_18_201922701418_2019922701418_001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_201922701473_2019922701478_001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_201922701473_2019922702478_001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_201922701473_2019922702478_001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_201922701478_2019022702478_001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_201922701478_2019022702478_001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_20192270148_2019022701482_001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_20192270148_2019022701482_001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_201922701482_001002710482_001001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_201922701482_001002710482_001001 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_201922701492_00102710492_00101 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_2019022701492_00102710492_00101 Los of echo The tracking echo is missing for one roome records CS_CFF_SR_LRA_18_2019022701492_001022710492_00	CS_OFFL_SIR_LRM_1B_20190522T013505_20190522T013653_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFTL_SRL_IRM_118_2018052701445_2019052701465_0001 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_2018052700745_2019052702780_0001 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_2018052701780_2019052702780_0001 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_20180527070278_001 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_20180527070278_001 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_201805270707024_00180227070278_001 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_201805270707074_00190227070704_001900 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_201805270707074_00190227070704_001900 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_201805270707074_0019022700378_00001 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_20180227070745_019022700378_00001 Loss of echo The tacking echo is missing for one rome records CS_OFTL_SRL_IRM_18_20180227070745_019002700378_00001 Loss of echo The tacking echo is missing for one rome records CS_OFTL_S	CS_OFFL_SIR_LRM_1B_20190522T013805_20190522T014810_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LBM_TS_2010522101442_2010522102030_D001 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522102122_2010522102030_D001 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522102121_20105221025130_D001 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_20105221025142_D0105221035142_D001 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522103142_D010522103142_D001 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522103142_D01052103120_D001 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522103242_D0101 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522103252_D01052_D001 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522103252_D01052_D0101 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522103252_D01052_D011 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522101325_D0101 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522101325_D01022_D011 Loss of echo The tracking echo is messing for one or more records CS_OFF_SIR_LBM_TS_2010522101	CS_OFFL_SIR_LRM_1B_20190522T014813_20190522T014816_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LBM_18_20195522102127_20195522102120_1005 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_18_2019552102112_2019522102210_2019 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LBM_18_2019552102210_201952_2019552_201	CS_OFFL_SIR_LRM_1B_20190522T014819_20190522T014955_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LBM_1B_201905227034703_201905227034730_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_20190522703144_201905227031209_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_20190522703144_201905227031209_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_201905227031440_201905227031209_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_20190522703245_20190522703245_20190522703245_20190522703245_20190527030245_2019052703245_2019052703245_2019052703245_2019052703245_2019052703245_2019052703245_2019052703245_2019052703245_2019052704280_20001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_2019052704282_2019052704282_2019052704280_20001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_2019052704282_20190527040320_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_2019052704382_2019052701932_2019052701915_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_2019052704382_20190527019452_20190527019452_20190527019452_20190527019452 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_2019052707345_2019052707347_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LBM_1B_2019052707345_2019052707345_201	CS_OFFL_SIR_LRM_1B_20190522T015442_20190522T020903_D001	Loss of echo	The tracking echo is missing for one or more records
DS_OFFL_SR_LEM_16_20190527102548_20100527102544_2001 Loss of exho The tracking exho is missing for one or more records DS_OFFL_SR_LEM_16_20190527102548_20100527102544_2001 Loss of exho The tracking exho is missing for one or more records DS_OFFL_SR_LEM_16_20190527103146_20109527103193_D001 Loss of exho The tracking exho is missing for one or more records DS_OFFL_SR_LEM_16_20190527103146_20109527103193_D001 Loss of exho The tracking exho is missing for one or more records DS_OFFL_SR_LEM_16_20190527103145_20109527103210_20101 Loss of exho The tracking exho is missing for one or more records DS_OFFL_SR_LEM_16_20190527103245_20109527104520_20101 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LEM_16_2019052710452_20190527104575_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LEM_18_2019052710452_201905227104575_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LEM_18_2019052710452_201905227104532_200101 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LEM_18_20190527104742_201905227104742_2001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LEM_18_2019052710748_20100527107474_2001 Loss of exho The tracking exho is missing for one or more records <td< td=""><td>CS_OFFL_SIR_LRM_1B_20190522T021227_20190522T022053_D001</td><td>Loss of echo</td><td>The tracking echo is missing for one or more records</td></td<>	CS_OFFL_SIR_LRM_1B_20190522T021227_20190522T022053_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20190322702528_20190522703148_2019052270328_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522703248_20190522703249_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190527703248_20190527703249_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190527703248_20190527703269_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190527703248_20190527703280_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190527704252_20190527704280_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190527704252_20190527704380_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190527704122_201905277051100_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190527704122_201905227051132_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190527707348_20190527707328_0001Loss of exhoThe tracking exh is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190527707348_20190527707348_000	CS_OFFL_SIR_LRM_1B_20190522T024703_20190522T024730_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LEM_18_20190522703148_201905227031209_D001 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_20190522703245_2019052703342_D001 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_D019052703245_2019052703345_D0010 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_D019052703245_2019052703450_D0011 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_D019052703245_20190527043450_D0011 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_D019052704325_201905227043755_D0011 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_D0190527061322_201905227043755_D0011 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_D019052706132_2019052706135_D0011 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_D01905270704702_20190527061422_2019052270747_D0011 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_D019052707348_201905270747_D0011 Loss of exho The tracking exho is masing for one or more records CS_OFFL_SR_LEM_18_D019052707348_201905270747420_D0011 Loss of exho The tracking exho is masing for one or more records <t< td=""><td>CS_OFFL_SIR_LRM_1B_20190522T025117_20190522T025153_D001</td><td>Loss of echo</td><td>The tracking echo is missing for one or more records</td></t<>	CS_OFFL_SIR_LRM_1B_20190522T025117_20190522T025153_D001	Loss of echo	The tracking echo is missing for one or more records
GS_OFF_SIR_LRM_18_201905271031932_0001Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527103245_20190527103490_0001Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527103245_20190527103490_0001Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_201905271032515_20190527103490_00001Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527104025_20190527104800_0001Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527104025_20190527104030_00101Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527104122_20190527106135_0001Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527105132_20190527106132_0010527106132_0010Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527107410_20190527107435_0010Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527107403_20190527107435_0010Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527107405_20190527107435_0010Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527107405_20190527107435_0010Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527107405_20190527107435_0001Loss of echoThe tracking echo is missing for one or more recordsGS_OFF_SIR_LRM_18_20190527107405_20190527107435_000	CS_OFFL_SIR_LRM_1B_20190522T025258_20190522T025942_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LAM_18_20190527032445_20190527032442_0001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_2019052703245_2019052703240_0001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_20190527032513_2019052703480_0001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_20190527040555_00190527042800_0001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_20190527040555_00190527042800_0001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_20190527061303_00190527061318_0001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_20190527061303_0190527061317_0001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_20190527071348_019052707344_00101 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_2019052707345_019052707344_001001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_2019052707345_0019052707345_00101 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_2019052707345_001001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LAM_18_20190	CS_OFFL_SIR_LRM_1B_20190522T031148_20190522T031209_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20190522T072848_20190522T073345_00190522T073345_00190522T073345_00190522T073345_00190522T073345_00190522T073345_00190522T073355_00190522T074020_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T074205_00190522T074350_D0190522T074350_D010Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T074205_00190522T074550_D011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T075430_0190522T075456_D0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T079258_0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T09628_0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T09628_0011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T09639_0190522T102401_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112807_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112802_0190522T112807_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112807_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112802_0190522T112807_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112805_D010Loss of echoThe tracking echo is missing for one or more records </td <td>CS_OFFL_SIR_LRM_1B_20190522T061352_20190522T061537_D001</td> <td>Loss of echo</td> <td>The tracking echo is missing for one or more records</td>	CS_OFFL_SIR_LRM_1B_20190522T061352_20190522T061537_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_18_20190522T073835_20190522T074205_20190522T074205_20190522T074205_20190522T07540_20190522T07540_20190522T075200_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T07540_20190522T075438_20190522T075436_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T075438_20190522T075436_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T092150_20190522T009252_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T094822_20190522T09483_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T1094822_20190522T102401_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T112654_20190522T112802_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T11202_D010Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T11202_20190522T112822_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T12029_20190522T123036_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T12426_20190522T123425_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T12495_20190522T12425_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20190522T12455_20190522T12425_D001Loss of echoThe tracking ech	CS_OFFL_SIR_LRM_1B_20190522T072848_20190522T073239_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20190522T075438_20190522T075456_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T092150_20190522T094822_20190522T094953_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T094822_20190522T094953_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T095039_20190522T112807_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112810_20190522T112922_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112810_20190522T112922_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112807_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T12303_20190522T120327_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T123126_20190522T123425_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T124954_20190522T124925_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T134652_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T134652_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T134652_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T134652_D001Loss of echo <td>CS_OFFL_SIR_LRM_1B_20190522T074205_20190522T074351_D001</td> <td>Loss of echo</td> <td>The tracking echo is missing for one or more records</td>	CS_OFFL_SIR_LRM_1B_20190522T074205_20190522T074351_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20190522T094822_20190522T094953_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112654_20190522T112807_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T11280_20190522T112807_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112810_20190522T112807_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112810_20190522T11282_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T112803_D0190522T120327_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T122029_20190522T123036_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T123126_20190522T123425_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T123629_0190522T123425_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T123629_0190522T123425_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T13635_20190522T13417_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T134055_20190522T13417_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20190522T142300_20190522T132625_D001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_201	CS_OFFL_SIR_LRM_1B_20190522T075438_20190522T075456_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20190522T142300_20190522T142958_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20190522T143255_20190522T143312_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20190522T131607_20190522T132625_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T143255_20190522T143312_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20190522T141424_20190522T142017_D001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20190522T142300_20190522T142958_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T144359_20190522T145213_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20190522T143255_20190522T143312_D001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20190522T144359_20190522T145213_D001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20190522T153550_20190522T160243_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T160247_20190522T160413_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T162709_20190522T163350_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T163529_20190522T170116_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T180530_20190522T180837_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T180911_20190522T181110_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T181152_20190522T181223_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T181226_20190522T181836_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T181840_20190522T182944_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T185503_20190522T192834_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T194731_20190522T194858_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T194910_20190522T195018_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T195339_20190522T195452_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T200002_20190522T201946_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T210902_20190522T211028_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T212935_20190522T213052_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T213223_20190522T213706_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T213748_20190522T215732_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T221400_20190522T224627_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T224758_20190522T224901_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T224908_20190522T225023_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T232203_20190522T233509_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20190522T234401_20190522T234558_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:

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: 0

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). 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.

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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_220190521T235506_20190522T001040_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_220190522T001254_20190522T002745_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_220190522T004354_20190522T005829_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_220190522T010008_20190522T011631_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_220190522T013505_20190522T013653_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190522T013805_20190522T014810_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_220190522T015442_20190522T020903_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_220190522T022325_20190522T024557_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_220190522T025258_20190522T025942_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190522T031148_20190522T031209_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_220190522T032151_20190522T032442_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_220190522T032513_20190522T034810_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_220190522T040255_20190522T042800_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_220190522T050041_20190522T051035_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_220190522T054122_20190522T061003_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_220190522T061740_20190522T061922_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_220190522T063222_20190522T070557_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_220190522T075554_20190522T075946_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_220190522T081130_20190522T082045_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_220190522T082330_20190522T084528_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_220190522T085954_20190522T091205_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_220190522T091353_20190522T091955_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_220190522T092150_20190522T092626_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_220190522T095039_20190522T102401_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_220190522T104244_20190522T111349_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_220190522T112654_20190522T112807_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190522T113203_20190522T114125_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_220190522T114440_20190522T120327_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_220190522T122029_20190522T123036_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_220190522T123639_20190522T124925_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_220190522T124954_20190522T125119_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190522T131607_20190522T132625_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_220190522T132804_20190522T134220_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_220190522T140153_20190522T141306_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_220190522T141424_20190522T142017_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_220190522T142300_20190522T142958_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_220190522T143255_20190522T143312_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_220190522T145252_20190522T145334_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190522T145904_20190522T152115_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_220190522T153550_20190522T160243_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_220190522T162516_20190522T162554_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_220190522T163529_20190522T170116_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_220190522T173206_20190522T174859_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_220190522T181226_20190522T181836_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_220190522T181840_20190522T182944_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_220190522T185503_20190522T192834_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_220190522T194147_20190522T194241_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_220190522T200002_20190522T201946_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_220190522T203410_20190522T205604_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_220190522T205626_20190522T210816_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_220190522T211956_20190522T212210_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_220190522T213223_20190522T213706_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_220190522T213748_20190522T215732_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_220190522T221400_20190522T224627_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_220190522T224908_20190522T225023_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220190522T230242_20190522T232131_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_220190522T232203_20190522T233509_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