

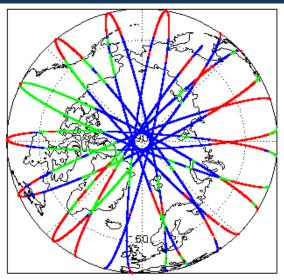
1. Overview

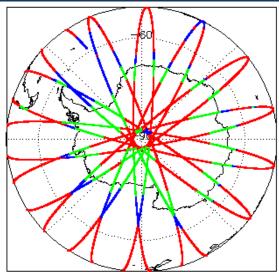
Report Production Date:	01-Jun-2021		
Processor Used:	CryoSat Ice Processor		
Data Used:	L1B and L2 OFFLINE Data		

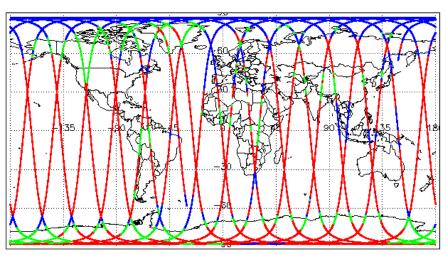
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	See Section 4.5
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
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

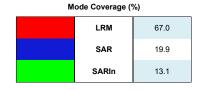
Mission / Instrument News					
29-Apr-2021	None				
30-Apr-2021	None				
01-May-2021	Nothing planned				

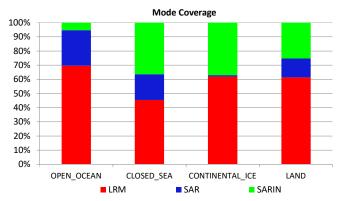
2. Global Coverage

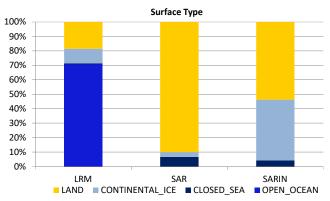












3. Instrument Configuration

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

SIRAL instrument(s) in use:

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.

Number of products with errors:

0

4.3 Star Tracker Usage Check

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

Number of products with errors:

0

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.

umber of products with errors: 12

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20210430T000143_20210430T001412_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004602_20210430T004623_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004627_20210430T004630_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004632_20210430T004717_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004719_20210430T004723_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004725_20210430T004728_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004730_20210430T004734_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004738_20210430T004747_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004751_20210430T004756_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004758_20210430T004808_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004814_20210430T004815_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004821_20210430T004842_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004844_20210430T004847_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T004849_20210430T004857_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T005412_20210430T010508_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T010712_20210430T012245_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T013845_20210430T014927_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T014929_20210430T015059_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T015118_20210430T015216_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T015540_20210430T020742_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T020841_20210430T021029_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T022440_20210430T022824_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T022827_20210430T022838_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T022840_20210430T022906_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T022908_20210430T023455_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T023457_20210430T023821_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T031506_20210430T033838_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T033840_20210430T034929_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T040328_20210430T041000_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T041002_20210430T041005_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T041031_20210430T041033_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T041035_20210430T041104_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T041226_20210430T041321_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T041626_20210430T041653_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T041700_20210430T043743_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T045424_20210430T052127_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T052133_20210430T052133_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T052136_20210430T052225_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T052227_20210430T052237_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T052239_20210430T052317_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T052320_20210430T052334_D001	Loss of echo	The tracking echo is missing for one or more records

Company Comp	CS_OFFL_SIR_LRM_1B_20210430T054432_20210430T055000_D001	Loss of echo	The tracking echo is missing for one or more records
Company Comp			
C. Per 19. 1.00. Per 2. December 19. December 20.			·
Company Comp			
Co. Comp. Co. Comp. Co. Comp. Co.			
Co., Co. Co., Co.			
Dec. of L. SEL, Line 11, Line (1998) Control of the control of			
Co. OH. S. BULLAN ID SECTIONATIONS ACCUSATIONATION DOT Description			
Dec. of the public of the pu			·
Company Comp			
De CPT_SIR_LEM_18_200007400000000000000000000000000000000			·
Co., Co., Co., Co., Co., Co., Co., Co.,			·
See of services Section The tracking period in missing for one or more records			
Co. PT. Sel. May 18. 2000/00070001000000000000000000000000000			
Co. OFT. SR. L.M. 16. 2020000000000000000000000000000000000			
Co. CPTL, SR. LEM. 19. 201940719091 201940719081 (Dots of technology) Co. CPTL, SR. LEM. 19. 201940719011 (201940719440) (Dots of technology) Co. CPTL, SR. LEM. 19. 2019407190111 (201940719440) (Dots of technology) Co. CPTL, SR. LEM. 19. 2019407190111 (201940719440) (Dots of technology) Co. CPTL, SR. LEM. 19. 2019407190111 (201940719401) (Dots of technology) Co. CPTL, SR. LEM. 19. 2019407190111 (201940719401) (Dots of technology) Co. CPTL, SR. LEM. 19. 2019407190111 (20194071940719400) (Dots of technology) Co. CPTL, SR. LEM. 19. 201940719011 (20194071940719400) (Dots of technology) Co. CPTL, SR. LEM. 19. 201940719011 (20194071940719400) (Dots of technology) Co. CPTL, SR. LEM. 19. 201940719011 (20194071940719400) (Dots of technology) Co. CPTL, SR. LEM. 19. 201940719011 (2019407194000) (Dots of technology) Co. CPTL, SR. LEM. 19. 201940719011 (2019407194000) (Dots of technology) Co. CPTL, SR. LEM. 19. 201940719011 (2019407194000) (Dots of technology) Co. CPTL, SR. LEM. 19. 201940719011 (2019407190000) (Dots of technology) Co. CPTL, SR. LEM. 19. 2019407190000 (201940000) (Dots of technology) Co. CPTL, SR. LEM. 19. 20194071900000 (2019400000) (Dots of technology) Co. CPTL, SR. LEM. 19. 2019407190000 (2019400000) (Dots of technology) Co. CPTL, SR. LEM. 19. 2019407190000 (20194000000) (Dots of technology) Co. CPTL, SR. LEM. 19. 20194071900000 (2019400000000000000000000000000000000000			
CS_CPF_SIR_LEM_18_2016407018100_20124040718408_D001 CS_CPF_SIR_LEM_18_201240407018402_2014040708408_D001 CS_CPF_SIR_LEM_18_20124040708440_20144050784002_D001 CS_CPF_SIR_LEM_18_20124040708444_201240407084002_D001 CS_CPF_SIR_LEM_18_20124040708440_201440407084002_D001 CS_CPF_SIR_LEM_18_20124040708404_201240407084002_D001 CS_CPF_SIR_LEM_18_20124040708404_201240407084002_D001 CS_CPF_SIR_LEM_18_20124040708404_201240407084002_D001 CS_CPF_SIR_LEM_18_20124040708404_201240407084002_D001 CS_CPF_SIR_LEM_18_20124040708404_201240407084002_D001 CS_CPF_SIR_LEM_18_20124040708404_201240407084002_D001 CS_CPF_SIR_LEM_18_20124040708404_201240407084002_D001 CS_CPF_SIR_LEM_18_20124040708404_20124040708000_D001 CS_CPF_SIR_LEM_18_20124040708404_20124040708000_D001 CS_CPF_SIR_LEM_18_20124040708000_20124040708000_D001 CS_CPF_SIR_LEM_18_20124040708000_D001 CS_CPF_SIR_LEM_18_20124040708000_D001 CS_CPF_SIR_LEM_18_20124040708000_D001 CS_CPF_SIR_LEM_18_20124040708000_D001 CS_CPF_SIR_LEM_18_201240407080000_D001 CS_CPF_SIR_LEM_18_2012404070800000000000000000000000000000000			
CS_OFF_UR_NUM_18_20200407103647_202104007103652_D001 Loss of scho The facility scholar in interrupt for one or more meeteds CS_OFF_UR_NUM_18_20200407103652_02200400710367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_20200407103652_02200400710367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_2020040710367_20200400710367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_2020040711367_20200400711367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_2020040711367_2020040711367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_2020040711367_0220040711367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_2020040711367_0220040711367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_02200400710367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_D00200400710367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367_D001 Loss of scho The facility scholar investing for one or more meeteds CS_OFF_UR_NUM_18_202004071367			
See OPE, SIR LEW, M. P. 20194007109204, 20194007109204, DOING Loss of exhalt for the tracking often in measing for one or more records of the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 20194007109204, 20194007109205, DOING Loss of exhalt for the tracking combine in measing for one or more records. The tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 20194007110920, 20194007110920, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 20194007110920, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 20194007110920, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 2019400710920, 2019400710920, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 2019400710920, 20194007109210, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 2019400710920, 20194007109250, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 2019400710920, 20194007109250, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 2019400710920, 20194007109250, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 2019400710930, 20194007109350, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 2019400710940710927, 201940071094414, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 20194007109407109414, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 20194007109407109414, DOING Loss of exhalt for the tracking combine in measing for one or more records. Co. OFE, SIR LEW, M. P. 2019400711094109407109414, DO			
CS_OFFL_SR_LINU_18_202104307103242_202104307110329_20104 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_202104307110329_202104307110329_20104 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_202104307113309_20210430711309_20104 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430711309_20210430711309_20104 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430711309_2021043071120718_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430712092_202104307120718_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430712092_20210430712092_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430712092_20210430712092_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430712091_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430712091_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430712091_D01000_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430712091_D01000_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430713091_D01000_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430713091_D01000_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430713091_D01000_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430713091_D010000_D011 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430713091_D01001 Loss of sicho The tracking scho is missing for one or more records CS_OFFL_SR_LINU_18_20210430713091_D01001 Loss of sicho The tracking			
CS_OFFL_SR_LRM_18_20201040710257_20210407113590_D010 Loss of scho The touching exhib a ministry for one or more records CS_OFFL_SR_LRM_18_202010407113702_20210407113010_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407113002_20210407112010_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407112002_20210407120201_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407102002_20210407120301_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407102002_20210407120301_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407102002_20210407120301_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407102002_20210407120301_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407103002_20210407130500_D010 CS_OFFL_SR_LRM_18_202010407103002_20210407130500_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407130002_20210407130500_D010 CS_OFFL_SR_LRM_18_202010407130002_20210407130500_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407130002_20210407130500_D010 CS_OFFL_SR_LRM_18_202010407130002_20210407130500_D010 Loss of scho CS_OFFL_SR_LRM_18_202010407130002_20210407130500_D010 CS_OFFL_SR_LRM_18_2020104071300000000000000000000000000000000			•
CS_OFFL_SR_LRM_18_202104007112002_202104007112002_20001			
CS_OFF_SR_LRM_18_20210430T14305_20210430T14305_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T16305_20210430T12018_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T12003_20210430T12018_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T12003_20210430T12018_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T12017_2027_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T12017_2027_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T120132_20210430T120350_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T120132_20210430T13056_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T13057_20210430T13056_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T13057_20210430T13056_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T13057_20210430T13446_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T14446_20210430T13446_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T14446_20210430T14441_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T14464_20210430T14411_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T14464_20210430T14411_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T14464_20210430T14411_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20210430T14464_20210430T14418_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF			·
CS_OFF_SR_LRW_18_20010430T11455_2010430T10022_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T10025_0010400T10022_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T10025_0010400T10002_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T10025_0010400T10002_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T10025_0010400T10002_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T10025_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T10025_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T10025_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T10002_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T100013414_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T100013414_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T100013414_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T100013414_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20010430T10000000000000000000000000000000			
CS_OFF_SR_LRM_18_202104307119500_202104307120022_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307120032_202104307120032_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307120032_202104307120032_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307120143_20104307120032_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307124119_20210430713005_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_20210430713005_202104307133381_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307132032_202104307133381_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307132032_202104307133381_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307134016_202104307134016_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307134016_202104307134016_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307134016_202104307134016_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307134016_202104307143016_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307140300_202104307143016_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307143014_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307153014_D001047152014_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_202104307153014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D001047152014_D00104715			
CS_OFFL_SIR_LRM_1B_202104307120566_202104307120518_D001 CS_OFFL_SIR_LRM_1B_20210430712072_202104307120514_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430713055_202104307120527_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430713055_202104307130559_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430713055_202104307130559_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430713429_202104307133851_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430713429_20210430713441_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430713429_20210430713441_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_202104307134429_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430713445_202104307134416_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430713445_20210430713446_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430714345_20210430713496_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430714245_20210430714349_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430714259_20210430714349_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430714259_20210430714349_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_2021043071444_20210430714349_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430715204_20210430716235_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430715			
CS_OFF_SIR_LRM_18_202104307120720_02210430712084_D001 CS_OFF_SIR_LRM_18_202104307120818_20210430713085_D001 CS_OFF_SIR_LRM_18_20210430713035_D0210430713085_D001 CS_OFF_SIR_LRM_18_20210430713199_20210430713085_D001 CS_OFF_SIR_LRM_18_20210430713199_20210430713085_D001 CS_OFF_SIR_LRM_18_20210430713199_20210430713085_D001 CS_OFF_SIR_LRM_18_20210430713199_20210430713085_D001 CS_OFF_SIR_LRM_18_202104307131412_202104307133444_D001 CS_OFF_SIR_LRM_18_202104307131412_202104307134444_D001 CS_OFF_SIR_LRM_18_20210430713412_202104307134444_D001 CS_OFF_SIR_LRM_18_20210430713412_202104307134444_D001 CS_OFF_SIR_LRM_18_20210430713412_202104307134444_D001 CS_OFF_SIR_LRM_18_20210430713412_202104307134440_D001 CS_OFF_SIR_LRM_18_20210430713412_202104307134440_D001 CS_OFF_SIR_LRM_18_20210430713412_202104307134440_D001 CS_OFF_SIR_LRM_18_20210430713412_202104307134410_D001 CS_OFF_SIR_LRM_18_202104307134030_202104307144900_D001 CS_OFF_SIR_LRM_18_202104307143030_202104307144900_D001 CS_OFF_SIR_LRM_18_202104307143030_202104307144900_D001 CS_OFF_SIR_LRM_18_202104307143030_202104307143100_D001 CS_OFF_SIR_LRM_18_202104307143030_2021043071431000000000000000000000000000000			
CS_OFFL_SIR_LRM_18_20210430712016_022104307120527_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307131159_202104307132552_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307131159_202104307132554_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_20210430713247_202104307132554_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307134410_202104307134441_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307134410_202104307134441_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307134410_202104307134410_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307143452_201204307134410_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307140500_2010430714410_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307140500_2010430714410_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307140500_2010430714410_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_2021043071510500_201043071510038_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307151040_201043071510038_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307151040_2010430715208_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307152420_20104307152308_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_202104307152400_20104307152308_0001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LRM_18_2021043071524000716275000001 Loss of			·
CS_OFFL_SIR_LRM_18_2010430T124317_20210430T139552_D001			
CS_OFFL_SIR_LRM_18_20210430T130305_20210430T130500_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T13158_20210430T133353_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T134158_20210430T133414_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T134158_20210430T134442_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T134415_20210430T134442_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T134445_20210430T134410_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T143050_20210430T14310_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T143050_20210430T14310_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T151615_02010430T151616_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T151616_20210430T151616_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T151616_20210430T151616_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T151616_20210430T152135_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T1631614_20210430T152135_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T16327_2010400T152332_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T16327_2010400T152332_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T16327_2010400T162355_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T163237_20210430T162750_0001 Loss of echo			
CS_OFFL_SIR_LRM_IB_20210430T1312827_20210430T133851_D001			
CS_OFF_SIR_LRM_18_20210430T134128_20210430T1343414_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T134128_20210430T1343414_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T134342_20210430T134341_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T140550_20210430T140550_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T140550_20210430T140550_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T140550_20210430T14314_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T14355_20210430T154314_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T15435_20210430T152038_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T15455_20210430T152038_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T15204_20210430T152038_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T15204_20210430T152038_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T152312_2010430T152332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T15231_20110430T152332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T15231_20110430T152332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T15231_20110430T162332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T163532_2010430T167555_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20210430T163530_2010430T167555_D001 Loss of echo Th			·
CS_OFFL_SIR_LRM_18_20210430T134128_20210430T134414_D001 CS_OFFL_SIR_LRM_18_20210430T134416_20210430T134442_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T140435_20210430T14916_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T140305_20210430T14916_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T140305_20210430T143149_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T142389_20210430T143149_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T151956_20210430T15208_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T15204_20210430T15208_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T15214_20210430T152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T15214_20210430T152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T15214_20210430T152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T15214_20210430T152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T15231_20210430T1523508_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T15235_20210430T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T16335_2020430T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T16356_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T17256_D01403T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T17256_D01403			
CS_OFFL_SIR_LRM_18_202104307134416_202104307143050_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307140505_202104307143050_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307140506_202104307143050_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307142359_202104307143149_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2021043071515451_202104307151616_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307151540_2021043071512038_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430715204_202104307152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430715204_202104307152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307152242_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307152242_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307152242_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307152242_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307163247_202104307163535_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430716392_D02104307163556_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430716392_D0210430716356_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430716390_D0210430716256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307176598_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF			
CS_OFFL_SIR_LRM_18_202104307143445_202104307143916_D001 CS_OFFL_SIR_LRM_18_202104307140550_202104307144916_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307140540_202104307143149_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2021043071143149_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430715451_202104307155180_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307151956_202104307152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430715240_202104307152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430715240_202104307152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430715246_202104307152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430715246_202104307152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430715246_202104307152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307152302_200104007152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307152302_202104307152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307162539_202104307162160_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307162539_202104307162760_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307162539_202104307162560_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202104307162539_202104307176082_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SI			
CS_OFFL_SIR_LRM_1B_20210430T140350_20210430T145050_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T14514259_20210430T145140_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T151451_20210430T1561616_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T151656_20210430T15630B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152104_20210430T15230B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152404_20210430T15230B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152246_20210430T15230B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152341_20210430T15230B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152341_20210430T15230B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152341_20210430T15230B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T15230B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T15250B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T16255B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T16255B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T16255B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T16553B_0010405171505B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T17659B_0010405171505B_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1			
CS_OFFL_SIR_LRM_18_20210430T140640_20210430T143114_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T151956_20210430T151956_20210430T151956_20210430T151956_20210430T151956_20210430T151956_20210430T151956_20210430T151956_20210430T152318_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T151956_20210430T152318_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152104_20210430T152243_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152311_20210430T152343_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152311_20210430T152328_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152331_20210430T152382_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152331_20210430T152382_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T1653392_20210430T161716_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T1653392_20210430T162156_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T163040_20210430T162556_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T163040_20210430T165819_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172650_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172650_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172650_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172650_20210430T172650_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T			
CS_OFFL_SIR_LRM_18_20210430T143149_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T151952_02010430T152103_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152104_20210430T152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152104_20210430T15230_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152104_20210430T15230_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152301_20210430T152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152331_20210430T152308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T152331_20210430T162308_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T163352_20210430T162535_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T16951_20210430T16250_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T165340_20210430T162556_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T165810_20210430T165545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T165811_20210430T176580_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172650_20210430T176580_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172765_D0010 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172765_D0010 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172765_D0010430T172850_D0010 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20			
CS_OFFL_SIR_LRM_1B_20210430T151956_20210430T152038_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T15214_20210430T152038_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T15214_20210430T152243_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T15214_20210430T152243_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152312_20210430T152332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152312_20210430T152332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T153327_20210430T152355_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T163325_20210430T162156_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T161951_20210430T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T16222_20210430T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T169333_20210430T170566_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T17286_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T17286_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172852_2010430T17286_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172852_2010430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172805_2010430T175255_D001 Loss of echo The tracking echo is missing for one o			The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T152104_20210430T15203B_D001 CS_OFFL_SIR_LRM_1B_20210430T152104_20210430T152230B_D001 CS_OFFL_SIR_LRM_1B_20210430T152104_20210430T152230B_D001 CS_OFFL_SIR_LRM_1B_20210430T152104_20210430T152230B_D001 CS_OFFL_SIR_LRM_1B_20210430T1522104_20210430T15230B_D001 CS_OFFL_SIR_LRM_1B_20210430T152311_20210430T15230B_D001 CS_OFFL_SIR_LRM_1B_20210430T152311_20210430T152332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152312_20210430T152332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152332_20210430T152355_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T155335_20210430T16176_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T161951_20210430T162156_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T1612229_20210430T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T162239_20210430T1625654_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T165549_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T165549_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T176549_20210430T176565_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T17275_20210430T172862_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172852_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172852_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records			
CS_OFFL_SIR_LRM_1B_20210430T152141_20210430T152243_D001			
CS_OFFL_SIR_LRM_1B_20210430T152141_20210430T15230B_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152331_20210430T152332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T152332_Z0210430T152332_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T153392_20210430T16716_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T163392_20210430T162156_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T162516_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T162522_20210430T162756_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T16304_02010430T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T16304_02010430T165545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T165312_20210430T170508_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T170508_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172802_0210430T172846_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172850_20210430T172862_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172907_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T17890_20210430T178545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T178376_20210430T178380_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T18380D_D001 Loss of echo The tracking echo is missing for one or more re			The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20210430T152246_20210430T152382_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T152357_20210430T155355_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T163257_20210430T161716_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T161951_20210430T162156_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T162229_20210430T162756_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T163040_20210430T165545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T165811_20210430T165819_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T165811_20210430T1765819_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T1765938_20210430T170508_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T1765938_20210430T170508_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T17250210430T172846_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T172850_20210430T172850_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T172850_20210430T172850_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T178540_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T178540_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210430T183804_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_202104			The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T152311_20210430T152352_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T153595_20210430T16176_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T16951_20210430T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T162229_20210430T162756_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T162229_20210430T162756_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T165545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T165651_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T165938_20210430T170568_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T1706533_20210430T170568_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172856_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172850_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172854_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T175545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183801_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183805_D001 Loss of echo The tracki			
CS_OFFL_SIR_LRM_18_20210430T154327_20210430T165335_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T161951_20210430T162156_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T161951_20210430T16256_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T163040_20210430T165545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T163040_20210430T165545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T165938_20210430T165819_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T165938_20210430T170508_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T170613_20210430T170508_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172715_20210430T170626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172715_20210430T172846_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172850_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T172907_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T183719_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T183792_2D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210430T183904_20210430T18380D_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or m			The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T155359_20210430T161716_D001 CS_OFFL_SIR_LRM_1B_20210430T165559_20210430T162156_D001 CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T162756_D001 CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T163545_D001 CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T165545_D001 CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T165545_D001 CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T165819_D001 CS_OFFL_SIR_LRM_1B_20210430T165938_20210430T172850_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172855_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172855_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172545_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T175050_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T175050_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T175455_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T175455_D001 CS_OFFL_SIR_LRM_1B_20210430T17290_20210430T175455_D001 CS_OFFL_SIR_LRM_1B_20210430T17290_20210430T175455_D001 CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183710_D001 CS_OFFL_SIR_LRM_1B_20210430T183840_20210430T183847_D001 CS_OFFL_SIR_LRM_1B_20210430T183840_20210430T183847_D001 CS_OFFL_SIR_LRM_1B_20210430T183840_20210430T183850_D001 CS_OFFL_SIR_LRM_1B_20210430T183860_20210430T183850_D001 CS_OFFL_SIR_LRM_1B_20210430T183860_20210430T183850_D001 CS_OFFL_SIR_LRM_1B_20210430T183860_20210430T183850_D001 CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T183850_D001 CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T183850_D001 CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T183850_D001 CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T183850_D001 CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T183850_D001 CS_OFFL_SIR_LRM_1B_2021043			
CS_OFFL_SIR_LRM_1B_20210430T161951_20210430T162756_D001 CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T165545_D001 CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T165545_D001 CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T165545_D001 CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T165819_D001 CS_OFFL_SIR_LRM_1B_20210430T165938_20210430T170508_D001 CS_OFFL_SIR_LRM_1B_20210430T170613_20210430T170508_D001 CS_OFFL_SIR_LRM_1B_20210430T170613_20210430T170626_D001 CS_OFFL_SIR_LRM_1B_20210430T170613_20210430T170626_D001 CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172864_D001 CS_OFFL_SIR_LRM_1B_20210430T172850_20210430T172852_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172907_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172907_D001 CS_OFFL_SIR_LRM_1B_20210430T172909_20210430T1725545_D001 CS_OFFL_SIR_LRM_1B_20210430T189923_20210430T183712_D001 CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183722_D001 CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183722_D001 CS_OFFL_SIR_LRM_1B_20210430T183740_20210430T183804_D0001 CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183847_D001 CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183866_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183866_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183866_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183866_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183866_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183866_20210430T183852_D001 CS_OFFL_SIR_LRM_1B_20210430T183866_20210430T184141_D001			
CS_OFFL_SIR_LRM_1B_20210430T162229_20210430T16556_D001 CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T165545_D001 CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T165819_D001 CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T170508_D001 CS_OFFL_SIR_LRM_1B_20210430T165938_20210430T170508_D001 CS_OFFL_SIR_LRM_1B_20210430T170613_20210430T170608_D001 CS_OFFL_SIR_LRM_1B_20210430T170613_20210430T170608_D001 CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172866_D001 CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172864_D001 CS_OFFL_SIR_LRM_1B_20210430T172755_20210430T172852_D001 CS_OFFL_SIR_LRM_1B_20210430T172850_20210430T172852_D001 CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T17290P_D001 CS_OFFL_SIR_LRM_1B_20210430T17290P_20210430T17545_D001 CS_OFFL_SIR_LRM_1B_20210430T17290P_20210430T17545_D001 CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T18371P_D001 CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T18372D_D001 CS_OFFL_SIR_LRM_1B_20210430T18371P_2001040718370000000000000000000000000000000000			
CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T165545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T170508_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T170633_20210430T170626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T170626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172846_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172854_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172854_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172907_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183722_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for			
CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T17050B_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T170613_20210430T170626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T1720613_20210430T170626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172846_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172850_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T17290T_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172909_20210430T175545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183720_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183726_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or m			
CS_OFFL_SIR_LRM_1B_20210430T165938_20210430T170508_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T170613_20210430T172846_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172850_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172907_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172909_20210430T175545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183726_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T163040_20210430T165545_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T170613_20210430T170626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172846_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172850_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172907_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172909_20210430T175545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183722_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183726_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T165811_20210430T165819_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172846_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T165938_20210430T170508_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T172850_20210430T172852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172907_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172909_20210430T175545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183722_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183726_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T170613_20210430T170626_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172907_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T172909_20210430T175545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183722_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183726_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T172715_20210430T172846_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T172909_20210430T175545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183722_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183726_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T172850_20210430T172852_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T183717_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T172854_20210430T172907_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183722_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T184141_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T172909_20210430T175545_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T183726_20210430T183800_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T180923_20210430T183717_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T184141_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T183719_20210430T183722_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T184141_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T183726_20210430T183800_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T184141_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T183804_20210430T183847_D001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20210430T183849_20210430T183852_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T184215_20210430T184423_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210430T183856_20210430T184141_D001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20210430T184215_20210430T184423_D001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20210430T195731_20210430T200617_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T200713_20210430T201213_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T201810_20210430T201902_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T201930_20210430T201936_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T201947_20210430T202017_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T202017_20210430T202108_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T204037_20210430T211420_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T215034_20210430T215525_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T215552_20210430T215739_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T221649_20210430T221740_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T230032_20210430T230426_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T235525_20210430T235639_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T235642_20210430T235652_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T235654_20210430T235716_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210430T235720_20210430T235740_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:

 Product
 Test Failed
 Description

 CS_OFFL_SIR_SIN_1B_20210430T041653_20210430T041700_D001
 Cal1 corr. missing
 The Cal1 correction has not been applied

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.

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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20210430T052136_20210430T052225_D001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_SIN_1B_20210430T041653_20210430T041700_D001	Cal1 Correction missing,	The Cal1 Correction has not been applied

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: 0

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

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_220210430T000143_20210430T001412_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_220210430T001440_20210430T003150_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_220210430T004632_20210430T004717_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210430T005412_20210430T010508_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_220210430T010712_20210430T012245_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_220210430T013845_20210430T014927_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_220210430T015540_20210430T020742_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_220210430T020841_20210430T021029_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210430T024636_20210430T030137_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_220210430T031506_20210430T033838_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_220210430T033840_20210430T034929_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_220210430T041031_20210430T041033_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210430T041035_20210430T041104_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210430T041700_20210430T043743_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_220210430T043831_20210430T044111_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_220210430T045424_20210430T052127_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_220210430T055451_20210430T062045_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_220210430T063423_20210430T070901_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_220210430T073052_20210430T073201_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_220210430T073341_20210430T073518_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_220210430T074453_20210430T075118_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_220210430T075735_20210430T080030_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_220210430T080225_20210430T080755_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210430T081342_20210430T084723_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_2_20210430T090059_20210430T090217_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_220210430T092020_20210430T093940_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_220210430T095248_20210430T102647_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_220210430T104055_20210430T104118_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_220210430T105134_20210430T105613_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_220210430T105650_20210430T111428_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_220210430T113305_20210430T114634_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20210430T114755_20210430T115018_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_220210430T115500_20210430T120222_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_220210430T122214_20210430T123935_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_220210430T124117_20210430T125527_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_220210430T131159_20210430T132634_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_220210430T132927_20210430T133851_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_220210430T140640_20210430T141817_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_220210430T142359_20210430T143149_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_220210430T143320_20210430T143805_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_220210430T145132_20210430T150654_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_220210430T154327_20210430T155355_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_220210430T155359_20210430T161716_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_220210430T163040_20210430T165545_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_220210430T172909_20210430T175545_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_220210430T180923_20210430T183717_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_220210430T190128_20210430T193457_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_220210430T204037_20210430T211420_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_220210430T212731_20210430T214706_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_220210430T215034_20210430T215525_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_220210430T215552_20210430T215739_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_220210430T221649_20210430T221740_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_220210430T221900_20210430T225235_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_220210430T231115_20210430T234245_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_220210430T235720_20210430T235740_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_SIN_220210430T041653_20210430T041700_D001	Calibration Warning	The Calibration correction is missing or has been taken from the IPFDB instead of the Calibration products for one or more records

6. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_LRM_1B	180	180	180	0	0
SIR_SAR_1B	115	115	115	0	0
SIR_SIN_1B	106	106	106	0	0
SIR_LRM_2	180	180	174	6	0
SIR_SAR_2	106	115	115	0	0
SIR_SIN_2	115	106	104	2	0
SIR_GDR_2	15	15	0	0	15

6.1 QCC Errors

Number of products with QCC errors:

15

Product Type	MPHDUTNCDF	MPHXPFNCDF	MPHXVFNCDF	MPHYPFNCDF	MPHYVFNCDF	MPHZPFNCDF	MPHZVFNCDF	STRUCTURESIZ EANDREAD	-	•	•
SIR GDR 2	15	15	15	15	15	15	15	15			

Test Description Key:	est Description Key:						
Abbreviation	Test name	Details					
MPHDUTNCDF	MPH_Delta_UT1_NetCDF	Delta_UT1 mismatch					
MPHXPFNCDF	MPH_X_Position_Float_v2_NetCDF	X_Position mismatch (DBL float (GDR), rounded to 100)					
MPHXVFNCDF	MPH_X_Velocity_Float_v2_NetCDF	X_Velocity mismatch (DBL float (GDR), rounded to 1)					
MPHYPFNCDF	MPH_Y_Position_Float_v2_NetCDF	Y_Position mismatch (DBL float (GDR), rounded to 100)					
MPHYVFNCDF	MPH_Y_Velocity_Float_v2_NetCDF	Y_Velocity mismatch (DBL float (GDR), rounded to 1)					
		Z_Position mismatch (DBL float (GDR), rounded to 100)					
		Z_Velocity mismatch (DBL float (GDR), rounded to 1)					
STRUCTURESIZEANDR	STRUCTURE_SIZE_AND_READ	Under investigation.					

6.2 QCC Warnings

Number of QCC reports with warnings

Total number of occurrences of each warning

		Total name of occurrence of occurrency						
ı	Product Type	AXDME	AXSMMEOCI	-	-	-	-	•
I	SIR_LRM_2_	0	6					
	SIR SIN 2	2	0					

Test Description Key:							
Abbreviation	Test name	Details					
AXDME	AttributeXrefDemMustExist	The xref_dem attribute is mandatory in SIN products over continental ice					
AXSMMEOCI	AttributeXrefSlopeModelMustExistOverContinentalIce	The xref_slope_model is mandatory in LRM products over continental ice					

6.2 Missing QCC Reports

Number of products with missing QCC reports:

0