

04/09/2021



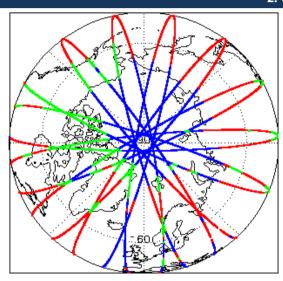
1. Overview

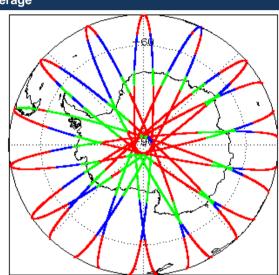
Report Production Date:	05-Oct-2021
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

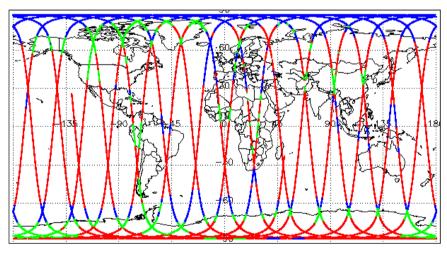
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	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

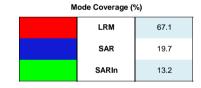
Mission / Instrument News	
03-Sep-2021	None
04-Sep-2021	None
05-Sep-2021	Nothing planned

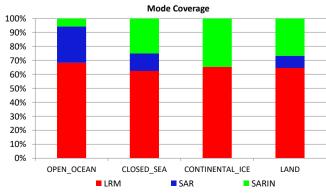
2. Global Coverage

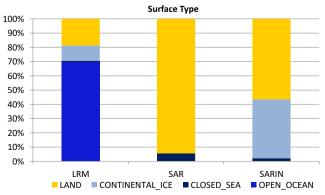












3. Instrument Configuration

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.

Took Folland

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.

Number of products with errors: 101

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20210904T001742_20210904T002110_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T011037_20210904T011506_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T011537_20210904T011758_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T011832_20210904T011913_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T012100_20210904T012213_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T012405_20210904T012416_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T012634_20210904T012935_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T013026_20210904T013130_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T013305_20210904T013346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T013440_20210904T014135_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T020515_20210904T024014_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T025434_20210904T025505_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T025718_20210904T025749_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T030130_20210904T030743_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T033200_20210904T033704_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T034409_20210904T041952_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T051417_20210904T051609_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T052356_20210904T053501_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T053605_20210904T053818_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T053820_20210904T053821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T053823_20210904T053827_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T053830_20210904T053832_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T053840_20210904T053849_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T053852_20210904T054032_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T054514_20210904T055124_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T055126_20210904T055937_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T063128_20210904T064546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T070254_20210904T071446_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T071939_20210904T071958_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T072001_20210904T072901_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T073105_20210904T073919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T075205_20210904T080828_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T081350_20210904T082637_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T090439_20210904T090531_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T090533_20210904T090535_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T090537_20210904T090614_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T091003_20210904T091043_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T091124_20210904T091124_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T091126_20210904T091126_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T091130_20210904T091149_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T091151_20210904T091250_E001	Loss of echo	The tracking echo is missing for one or more records

Co. CTT 201 Line The 201 Co. CTT 2			
Control Set Unit 10 2017 100 Unit 10 2017 100 Unit 100 Un	CS_OFFL_SIR_LRM_1B_20210904T091253_20210904T091823_E001	Loss of echo	The tracking echo is missing for one or more records
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Co. Pert., SML, LANG, MJ, 20019971109071, 20020971109071, 2007 Co. Pert., SML, LANG, MJ, 20019971109071, 20020971109071, 2007 Co. Pert., SML, LANG, MJ, 20019971109071, 200209711109071, 2007 Co. Pert., SML, LANG, MJ, 20019971109071, 2002097111090, 2007 Co. Pert., SML, LANG, MJ, 20019971109071, 20070971110900, 2007097111090, 2	CS_OFFL_SIR_LRM_1B_20210904T094402_20210904T100632_E001	Loss of echo	The tracking echo is missing for one or more records
Co. CPT., SR. LIVE. III., 20110091711072. 20110091711074. 2010 Co. CPT., SR. LIVE. III. 20110091711072. 20110091711174. 2010 Co. CPT., SR. LIVE. III. 20110091711072. 20110091711174. 2010 Co. CPT., SR. LIVE. III. 20110091711172. 20110091711174. 2010 Co. CPT., SR. LIVE. III. 201100917111747. 20100917111474. 2010 Co. CPT., SR. LIVE. III. 201100917112707. 2010017111474. 2010 Co. CPT., SR. LIVE. III. 201100917112707. 2010017111474. 2010 Co. CPT., SR. LIVE. III. 201100917112707. 20100917112709. 2010 Co. CPT., SR. LIVE. III. 201100917112709. 2010 Co. CPT., SR. LIVE. III. 20110091711709. 2010 Co. CPT., SR. LIVE. III. 2011009171709. 2010 Co. CPT., SR. LIVE. III. 20110	CS_OFFL_SIR_LRM_1B_20210904T101245_20210904T101757_E001	Loss of echo	The tracking echo is missing for one or more records
Six CPTS_BILLEM_IR_200100001115174_20100001111754_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_200100001111754_20100001111754_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010001111754_2010001111755_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_2001001111155_2010001111555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010111155_201001111555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010111555_201001111555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010111555_20100111555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010111555_201001115555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010115555_20100115555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010115555_20100115555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010115555_20100115555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010115555_20100115555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010115555_20100115555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010115555_20100115555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010115555_20100115555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010115555_20100115555_2010 Oscil deco The recording advise intelling to tree or more records CR_20TT_SIR_LEM_IR_20010115555_20100115555_20100115555_20100115555_20100115555_20100115555_20100115555_20100115555_20100115555_20100115555_201001155	CS_OFFL_SIR_LRM_1B_20210904T104822_20210904T104844_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFT, SR LEM IR 20100001111107_2000001111108_EDIT Loss of almo The including perior is missing for one or more received. CS_CPPL_SR_LAM_IR_201000001111007_2000001111006_EDIT CS_CPPL_SR_LAM_IR_20100001111007_2000001111006_EDIT CS_CPPL_SR_LAM_IR_20100001111007_2000001111006_EDIT CS_CPPL_SR_LAM_IR_20100001112007_200001111006_EDIT CS_CPPL_SR_LAM_IR_20100001112007_200001111006_EDIT CS_CPPL_SR_LAM_IR_20100001112007_200001112006_EDIT CS_CPPL_SR_LAM_IR_20100001112007_200001112006_EDIT CS_CPPL_SR_LAM_IR_20100001112007_20000112000_EDIT CS_CPPL_SR_LAM_IR_2010000112007_20000112000_EDIT CS_CPPL_SR_LAM_IR_2010000112007_200001120000_EDIT CS_CPPL_SR_LAM_IR_2010000112007_200001120000_EDIT CS_CPPL_SR_LAM_IR_2010000112007_200001120000_EDIT CS_CPPL_SR_LAM_IR_2010000112007_2000001120000_EDIT CS_CPPL_SR_LAM_IR_2010000112007_2000001120000_EDIT CS_CPPL_SR_LAM_IR_20100000112007_2000001120000_EDIT CS_CPPL_SR_LAM_IR_20100000000000000000000000000000000000	CS_OFFL_SIR_LRM_1B_20210904T104907_20210904T105513_E001	Loss of echo	The tracking echo is missing for one or more records
Sec. Dec. Sec. Dec. De	CS_OFFL_SIR_LRM_1B_20210904T105513_20210904T105649_E001	Loss of echo	The tracking echo is missing for one or more records
Sec. Comp. Sec. Law. 18. 2017/00/11/11/19/2. (2017/00/11/11/19/2.) (2017/00/11/11/	CS_OFFL_SIR_LRM_1B_20210904T111732_20210904T111744_E001	Loss of echo	The tracking echo is missing for one or more records
See CFIL. SINL LANL IR. 2021000411100122 20210041110012 20210004112014 Loss of sensor. CS. CFIL. LANL IR. 202100041120122 20210004112014 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112012 20210004112014 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112012 20210004112014 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112012 20210004112018 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112012 20210004112018 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112019 20210004112018 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112019 20210004112019 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112019 2021004112019 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112019 2021004112019 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112019 2021004112019 Loss of sensor. CS. CFIL. SINL LANL IR. 20210004112019 2021004112019 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004112019 2021004112019 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 2021004114003 Loss of sensor. CS. CFIL. SINL LANL IR. 2021004114004 CONTROL SINL SINL SINL SINL SINL SINL SINL SIN	CS_OFFL_SIR_LRM_1B_20210904T111747_20210904T111754_E001	Loss of echo	The tracking echo is missing for one or more records
CS CPFL, SR LEM 18 20100041120756 20110041120756 PEON Loss of exists The seaching ordino a missing for one or more records CS CPFL, SR LEM 18 20100041120756 2011004112015 LOSS of the control of the seaching ordino a missing for one or more records CS CPFL, SR LEM 18 2010004112015 2011004112015 LOSS of the control of the seaching ordino a missing for one or more records CS CPFL, SR LEM 18 2010004112017 2011004112015 LOSS of the control of the seaching ordino a missing for one or more records CS CPFL, SR LEM 18 2010004112077 2011004113017 ROOI Loss of exhall The seaching ordino a missing for one or more records CS CPFL, SR LEM 18 2010004113077 2011004113077 ROOI Loss of exhall The seaching ordino a missing for one or more records CS CPFL, SR LEM 18 2010004113077 2011004113077 ROOI Loss of exhall The seaching ordin a missing for one or more records CS CPFL, SR LEM 18 2010004114018 2021004114018 2011004114018 LOSS of exhall LO	CS_OFFL_SIR_LRM_1B_20210904T111800_20210904T111805_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OPT_BIR_LEM_18_2020004T12259_2021000T12258_001 Loss of exhault of the tradesing exhault resisting for our our move records the tradesing exhault resisting for our our move records the tradesing exhault resisting for our our move records the tradesing exhault resisting for our our move records the tradesing exhault resisting for our our move records the tradesing exhault resisting for our our move records the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resisting for our our move records the property of the tradesing exhault resistance and the tradesing exhault resistance and the tradesing exhault resistance and the property of the tradesing exhault resistance and the tradesing exhault resistance and the property of the property	CS_OFFL_SIR_LRM_1B_20210904T111807_20210904T1114505_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFT_SR_LEM_18_2016004712269_20216004712269_E001 Loss of elebo The stacking either is missing for one or more records CS_OFT_SR_LEM_18_20216004712269_20216004712369_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_20216004712379_20216004712369_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_20216004712379_20216004712369_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_20216004712379_20216004712379_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_20216004712468_202160047124005_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_20216004714608_202160047144003_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_20216004714608_20216004714408_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_20216004714608_20216004714408_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_202160047144003_20216004714408_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_202160047144003_20216004714408_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_202160047144003_20216004714408_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_202160047144003_20216004714408_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_202160047144003_20216004714408_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_202160047144003_202160047144005_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_202160047144003_202160047144005_E001 Loss of elebo The stacking either initiating for one or more records CS_OFT_SR_LEM_18_20216004714004_2021600471400505_E00	CS_OFFL_SIR_LRM_1B_20210904T120129_20210904T122754_E001	Loss of echo	The tracking echo is missing for one or more records
GS_OFF_SR_LEM_18_2010094112221_201100941122156_E01	CS_OFFL_SIR_LRM_1B_20210904T122756_20210904T122848_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFT_BR_LRM_18_20210001112322_20210001112302_E001 Loss of exho The isolating acho is missing for one or more records CS_OFT_BR_LRM_18_20210001112322_20210001112307_E001 Loss of exho The isolating acho is missing for one or more excords CS_OFT_BR_LRM_18_20210001112322_20210001112022_E001 Loss of exho The isolating acho is missing for one or more excords CS_OFT_BR_LRM_18_20210001112022_20210001112022_E001 Loss of exho The isolating acho is missing for one or more excords CS_OFT_BR_LRM_18_20210001112022_20210001112022_E001 Loss of exho The isolating acho is missing for one or more excords CS_OFT_BR_LRM_18_20210001112022_20210001112022_E001 Loss of exho The isolating acho is missing for one or more excords CS_OFT_BR_LRM_18_20210001112022_20210001112022_E001 Loss of exho The isolating exho is missing for one or more excords CS_OFT_BR_LRM_18_20210001112022_20210001112022_E001 Loss of exho The isolating exho is missing for one or more excords CS_OFT_BR_LRM_18_20210001112022_20210001112022_E001 Loss of exho The isolating exho is missing for or or more excords CS_OFT_BR_LRM_18_20210001112022_20210001112022_E001 Loss of exho The isolating exho is missing for or or more excords CS_OFT_BR_LRM_18_20210001112022_20210001112022_E001 Loss of exho The isolating exho is missing for or or more excords CS_OFT_BR_LRM_18_202100011112022_20210001112022_E001 Loss of exho The isolating exho is missing for or or more excords CS_OFT_BR_LRM_18_202100011112022_20210001112022_E001 Loss of exho The isolating exho is missing for or or more excords CS_OFT_BR_LRM_18_202100011112022_20210001112022_E001 Loss of exho The isolating exho is missing for or or more excords CS_OFT_BR_LRM_18_202100011112022_20210001112022_E001 Loss of exho The isolating exho is missing for or or more excords CS_OFT_BR_LRM_18_202100011112022_20210001112002_E001 Loss of exho The isolating exho is missing for or or more excords CS_OFT_BR_LRM_18_202100011112022_20210001112002_E001 Loss of exho The isolating exho is missing for or or more excords CS_OFT_BR_LRM_18_202100011	CS_OFFL_SIR_LRM_1B_20210904T122850_20210904T122851_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LINL_18_20210904T13472_20210904T13572_2010 Loss of earlie CS_OFF_SR_LINL_18_20210904T13572_2010904T13572_2010 Loss of earlie CS_OFF_SR_LINL_18_20210904T13572_2010904T13272_E010 Loss of earlie CS_OFF_SR_LINL_18_20210904T13492_20210904T13492_E010 Loss of earlie CS_OFF_SR_LINL_18_20210904T13492_20210904T134908_E010 Loss of earlie CS_OFF_SR_LINL_18_20210904T13492_20210904T13492_E010 Loss of earlie CS_OFF_SR_LINL_18_20210904T13492_20210904T13492_E010 Loss of earlie CS_OFF_SR_LINL_18_20210904T13492_E010 Loss of earlie CS_OFF_SR_LINL_18_20210904T13492_20210904T13492_E010 Loss of earlie CS_OFF_SR_LINL_18_20210904T134904_20210904T134931_E0100 Loss of earlie CS_OFF_SR_LINL_18_20210	CS_OFFL_SIR_LRM_1B_20210904T122921_20210904T123155_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFT_BR_LRM_18_20210901113622_20210901114002_E001 Loss of scho The tracking orbo is missing for one or more records CS_OFT_BR_LRM_18_2021090114014002_2010901141003_E001 Loss of scho The tracking orbo is missing for one or more records CS_OFT_BR_LRM_18_20210901141013_20210901141032_E001 Loss of scho The tracking orbo is missing for one or more records CS_OFT_BR_LRM_18_20210901141032_20210901141032_E001 Loss of scho The tracking orbo is missing for one or more records CS_OFT_BR_LRM_18_20210901141032_20210901141032_E001 Loss of scho The tracking orbo is missing for one or more records CS_OFT_BR_LRM_18_20210901141032_20210901141032_E001 Loss of scho The tracking orbo is missing for one or more records CS_OFT_BR_LRM_18_202109011401402_202109011410402_E001 Loss of scho The tracking orbo is missing for one or more records CS_OFT_BR_LRM_18_2021090117014402_202109011716402_E001 Loss of scho CS_OFT_BR_LRM_18_202109011701647_202109011701647_E001 Loss of scho CS_OFT_BR_LRM_18_202109011701647_20210901170647_E001 Loss of scho CS_OFT_BR_LRM_18_202109011701647_20210901170002_E001 Loss of scho CS_OFT_BR_LRM_18_202109011701647_20210901170002_E001 Loss of scho CS_OFT_BR_LRM_18_202109011701647_20210901170002_E001 Loss of scho CS_OFT_BR_LRM_18_2021090117017002_20210901170002_E001 Loss of scho CS_OFT_BR_LRM_18_20210901170047_20210901170002_E001 Loss of scho The tracking orbo is missing to one or more records CS_OFT_BR_LRM_18_	CS_OFFL_SIR_LRM_1B_20210904T123229_20210904T123926_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LENL_18_20210901114003_2021001114005_501 Loss of exhall The texting act to a meseng for one or more records CS_OFF_SR_LENL_18_20210901114005_20210001114005_501 Loss of exhall CS_OFF_SR_LENL_18_20210901114005_202100011141412_5001 Loss of exhall The texting act to a meseng for one or more records CS_OFF_SR_LENL_18_20210901114143_202100011141412_5001 Loss of exhall The texting act to a meseng for one or more records CS_OFF_SR_LENL_18_202109011141400_20210001114142_5001 Loss of exhall The texting act to a meseng for one or more records CS_OFF_SR_LENL_18_202109011141400_20210001114400_5001 Loss of exhall The texting act to a meseng for one or more records CS_OFF_SR_LENL_18_20210901116002_20210901114400_5001 Loss of exhall The texting act to a meseng for one or more records CS_OFF_SR_LENL_18_20210901116005_20210901114400_5001 Loss of exhall The texting act to a messing for one or more records CS_OFF_SR_LENL_18_20210901116005_20210901114400_5001 Loss of exhall The texting act to a messing for one or more records CS_OFF_SR_LENL_18_20210901116005_20210901114400_5001 Loss of exhall The texting act to a messing for one or more records CS_OFF_SR_LENL_18_20210901116005_20210901114000_5001 Loss of exhall The texting act to a messing for one or more records CS_OFF_SR_LENL_18_20210901116005_202109011140005_5001 Loss of exhall The texting act to a messing for one or more records CS_OFF_SR_LENL_18_20210901116005_20210901116005_5001 Loss of exhall The texting act to a messing for one or more records CS_OFF_SR_LENL_18_20210901116005_20210901116005_5001 Loss of exhall The texting act to a messing for one or more records CS_OFF_SR_LENL_18_20210901116005_20210901116005_5001 Loss of exhall The texting act to a messing for one or more records CS_OFF_SR_LENL_18_20210901116005_20210901116005_5001 Loss of exhall The texting act to a messing for one or more records CS_OFF_SR_LENL_18_20210901116005_20210901116005_5001 Loss of exhall The texting act to a messing for one or more recor	CS_OFFL_SIR_LRM_1B_20210904T134730_20210904T135100_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRW_18_20210004T14005_2021004T14005_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T14105_20210004T14105_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T14105_20210004T14105_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T14405_20210004T14305_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T14402_201004T14305_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T14402_2010044T16402_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T14005_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T14005_20210004T16405_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T14005_20210004T16405_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T18005_20210004T18005_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T18005_20210004T18005_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T18005_20210004T18005_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T18005_20210004T180505_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T180505_20210004T180505_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T180405_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T180405_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T180405_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRW_18_20210004T180405_E001 Loss of exho The tracking exho is missing	CS_OFFL_SIR_LRM_1B_20210904T135222_20210904T135707_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SR LRM. 18. 20210904T14103. 20210904T14103. E001 Loss of exha The tracking who is missing for one or more records Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T14002. 20210904T14302. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T14002. 20210904T14025. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T14022. 20210904T15402. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T15402. 20210904T15402. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T16402. 20210904T15402. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T160047. 20210904T16402. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T160047. 20210904T16005. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T160047. 20210904T19055. E001 Loss of exha CS OFFL SR LRM. 18. 20210904T160047. 20210904T19055. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T160049. 20210904T19055. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T160049. 20210904T19055. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T160049. 20210904T19052. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T160042. 20210904T19052. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T190404. 20210904T19052. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20210904T190404. 20210904T19052. E001 Loss of exha The tracking who is missing for one or more records CS OFFL SR LRM. 18. 20	CS_OFFL_SIR_LRM_1B_20210904T135727_20210904T140227_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_1B_20210901T16103_20210901T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_20210901T16105_E001 CS_OFFL_SR_LRM_1B_20210901T161042_20210901T16105_E001 CS_OFFL_SR_LRM_1B_20210901T161042_20210901T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_20210901T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_201001T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_201001T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_201001T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_201001T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_201001T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_201001T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_201001T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_201001T16105_E001 CS_OFFL_SR_LRM_1B_20210901T16105_201001T16105_E001 CS_OFFL_SR	CS_OFFL_SIR_LRM_1B_20210904T140843_20210904T140955_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_1B_20210901T1450S_20210901T1450S_55_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T1650S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T165442_20210901T1650S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T165459_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T1650S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T1650S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T1650S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T16250S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T16250S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T16250S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T16250S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T16250S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T1650S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T19250S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T1650S_20210901T19250S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T2050S_20210901T19250S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_1B_20210901T2050S_20210901T19250S_E001 Loss of echo The tracking echo is missing for one or more r	CS_OFFL_SIR_LRM_1B_20210904T141006_20210904T141033_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LEM_18_20210041154092_20210051154400_E001 CS_OFF_SIR_LEM_18_20210041154092_20210051154400_E001 CS_OFF_SIR_LEM_18_202100541154092_202100541154052_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541154052_202100541154052_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541154052_202100541154050_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541154052_202100541154050_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541154052_202100541154050_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541154052_202100541154050_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541155070_202100541154050_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541155510_20210054115530_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541155510_202100541155058_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541155510_202100541155058_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541155013_202100541155058_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541150540_202100541150558_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_202100541150540_202100541150558_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LEM_18_2021005412054042004200411054105004 CS_OFF_SIR_LEM_18_20210054120540420404200410541105405004 CS_OFF_SIR_LEM_18_2021005412054042040420041054110500410041105406004 CS_OFF_SIR_LEM_18_2021005412054041205400412054050041105405004 CS_OFF_SIR_LEM_18_2021005412105405_202100541210552_E001 Loss of exho The tracking	CS_OFFL_SIR_LRM_1B_20210904T141033_20210904T141132_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LEM_18_2021004T154442_20210094T154450_E001 CS_OFFL_SIR_LEM_18_2021004T154442_20210094T154510_E001 CS_OFFL_SIR_LEM_18_2021004T1547622_20210094T1547626_E001 CS_OFFL_SIR_LEM_18_2021004T1547622_20210094T154006_E001 CS_OFFL_SIR_LEM_18_20210094T1547622_20210094T154006_E001 CS_OFFL_SIR_LEM_18_20210094T174622_20210094T154006_E001 CS_OFFL_SIR_LEM_18_20210094T174622_20210094T180006_E001 CS_OFFL_SIR_LEM_18_20210094T180702_20210094T180006_E001 CS_OFFL_SIR_LEM_18_20210094T180702_20210094T180006_E001 CS_OFFL_SIR_LEM_18_20210094T180702_20210094T1805306_E001 CS_OFFL_SIR_LEM_18_20210094T180702_20210094T185306_E001 CS_OFFL_SIR_LEM_18_20210094T180702_20210094T185306_E001 CS_OFFL_SIR_LEM_18_20210094T180702_20210094T185306_E001 CS_OFFL_SIR_LEM_18_20210094T180702_E001 CS_OFFL_SIR_LEM_18_20210094T180702_E00104T1806_E001 CS_OFFL_SIR_LEM_18_20210094T180702_E00104T1806_E001 CS_OFFL_S	CS_OFFL_SIR_LRM_1B_20210904T141405_20210904T141420_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LEM_18_2021004T154442_2021004T154519_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T164052_2021004T164058_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T164052_2021004T164058_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T164057_2021004T180058_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T18047_2021094T182038_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T18047_2021094T182038_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T185519_2021094T182556 E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T18519570_2021094T182556 E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T1913448_2021004T191345_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T1913448_2021004T191345_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T1913448_2021004T191345_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T1913448_2021004T20348_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T20340_2021004T20348_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T20340_2021004T20348_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T20345_2021004T20388_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T210345_2021004T210712_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2021004T21035_2021004T211042_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SI	CS_OFFL_SIR_LRM_1B_20210904T143020_20210904T143925_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL_SIR_LRM_18_20210904T154922_20210904T164206_E001	CS_OFFL_SIR_LRM_1B_20210904T154042_20210904T154440_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T169705_20210904T180005_E001 CS_OFFL_SIR_LRM_1B_20210904T184022_20210904T180005_E001 CS_OFFL_SIR_LRM_1B_20210904T180047_20210904T180005_E001 CS_OFFL_SIR_LRM_1B_20210904T180005_20210904T180305_E001 CS_OFFL_SIR_LRM_1B_20210904T180305_20210904T180305_E001 CS_OFFL_SIR_LRM_1B_20210904T180305_20210904T180305_E001 CS_OFFL_SIR_LRM_1B_20210904T180305_20210904T180305_E001 CS_OFFL_SIR_LRM_1B_20210904T180305_20210904T180506_E001 CS_OFFL_SIR_LRM_1B_20210904T180501_20210904T180506_E001 CS_OFFL_SIR_LRM_1B_20210904T180501_20210904T180506_E001 CS_OFFL_SIR_LRM_1B_20210904T180346_20210904T190505_E001 CS_OFFL_SIR_LRM_1B_20210904T193446_20210904T194507_E001 CS_OFFL_SIR_LRM_1B_20210904T20224_20210904T194507_E001 CS_OFFL_SIR_LRM_1B_20210904T20244_20210904T204730_E001 CS_OFFL_SIR_LRM_1B_20210904T204442_20210904T204730_E001 CS_OFFL_SIR_LRM_1B_20210904T204442_20210904T204730_E001 CS_OFFL_SIR_LRM_1B_20210904T20442_20210904T20470712_E001 CS_OFFL_SIR_LRM_1B_20210904T20434_20210904T204730_E001 CS_OFFL_SIR_LRM_1B_20210904T20434_20210904T204730_E001 CS_OFFL_SIR_LRM_1B_20210904T20434_20210904T204770_E001 CS_OFFL_SIR_LRM_1B_20210904T20434_20210904T204770_E001 CS_OFFL_SIR_LRM_1B_20210904T20434_20210904T204770_E001 CS_OFFL_SIR_LRM_1B_20210904T2034_20210904T20934_E001 CS_OFFL_SIR_LRM_1B_20210904T2034_20210904T207712_E001 CS_OFFL_SIR_LRM_1B_20210904T21034_20210904T210772_E001 CS_OFFL_SIR_LRM_1B_20210904T21034_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210915_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210916_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210916_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210916_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210916_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210916_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210916_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210916_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T211016_20210904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T211115_2020404T21106_E001 CS_OFFL_SI	CS_OFFL_SIR_LRM_1B_20210904T154442_20210904T154519_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL SIR LRM. 18, 20210904T18047, 20210904T180567, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T18047, 20210904T180556, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T180549, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T185519, 20210904T18556, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T185719, 20210904T191522, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T19344, 20210904T191528, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T190346, 20210904T191528, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T190248, 20210904T190388, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T202234, 20210904T202388, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T202234, 20210904T202388, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T202342, 20210904T202388, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T210712, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T210712, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T210712, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T210712, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T21074, E00104T21074, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM. 18, 20210904T21084, E00104T21054, E001 L	CS_OFFL_SIR_LRM_1B_20210904T154622_20210904T154752_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20210904T180702_20210904T182139_E001 CS_OFFL_SIR_LRM_18_20210904T180702_20210904T182505_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T185702_20210904T185566_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T185702_20210904T192122_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T192434_20210904T193188_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T192434_20210904T193188_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T203446_20210904T1904507_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T2034348_20210904T203488_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T203409_20210904T203488_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T203409_20210904T203488_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T20343_20210904T203712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210712_201004T20712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210912_20210904T210912_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210912_20210904T210912_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210912_20210904T21091_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211014_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211014_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210	CS_OFFL_SIR_LRM_1B_20210904T160705_20210904T164206_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL SIR LRM, 18, 20210904T180702_20210904T18559, E001 CS, OFFL SIR LRM, 18, 20210904T185599_20210904T185506, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T185599_20210904T191222_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T194571_20210904T191222_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T19434, 20210904T193158_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T29434, 20210904T194507_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T202342, 20210904T203858_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T202432, 20210904T203858_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T20442, 20210904T204730, 2001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T210442, 20210904T210712_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T210712_E0010 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T210712_E0010 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T2107912_2010904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T210919_2010904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T211042_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T211042_E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL SIR LRM, 18, 20210904T211042_E0010 Loss of echo The tracking echo is missing for one or more records CS, OFFL SI	CS_OFFL_SIR_LRM_1B_20210904T174522_20210904T180005_E001	Loss of echo	The tracking echo is missing for one or more records
CS, OFFL, SIR, LRM, 18, 20210904T165395, 20210904T195305, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T195712, 20210904T193158, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T193148, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T19344, 20210904T193158, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T20244, 20210904T194507, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T202442, 20210904T202448, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T204142, 20210904T204730, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T204142, 20210904T204730, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T2104142, 20210904T210712, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T210712, 20210904T210712, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T210919, 20210904T210908, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T210919, 20210904T210932, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T210919, 20210904T21005, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T21104, 20210904T21105, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T21101, 20210904T21105, E001 Loss of echo The tracking echo is missing for one or more records CS, OFFL, SIR, LRM, 18, 20210904T211101, 20210904T21102, E001 Loss of echo The tracking echo is missing	CS_OFFL_SIR_LRM_1B_20210904T180447_20210904T180657_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20210904T185519_20210904T191222_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T193444_20210904T191222_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T193444_20210904T194507_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T193446_20210904T194507_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T202434_20210904T202948_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T20434_20210904T20345_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T2043_20210904T20345_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T21043_2021094T210712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210715_20210904T210915_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210910_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210910_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210910_20210904T210912_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211052_20210904T211055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211057_20210904T211056_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211105_20210904T211105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211105_20210904T211105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211105_20210904T211105_E001 Loss of echo The tracking echo is missing for	CS_OFFL_SIR_LRM_1B_20210904T180702_20210904T182139_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T192434_20210904T193158_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T192434_20210904T193158_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T202234_20210904T20248E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T20240_20210904T20248E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T203409_20210904T203458_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T204442_2010904T204712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210715_20210904T210908_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210715_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210938_2010904T211045_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211065_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211105_20210904T211065_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211166_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211606_20210904T211606_E001 Loss of echo The tracking echo is missing for one or more	CS_OFFL_SIR_LRM_1B_20210904T183935_20210904T185305_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T192434_20210904T193456_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T203409_20210904T203458_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T203409_20210904T203458_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T204142_20210904T203450_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210434_20210904T210470_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210715_20210904T2109017_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210715_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21093_20210904T21042_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21093_20210904T211042_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211042_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211111_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T21106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21106_20210904T21106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T215523_20210904T222531_E001 Loss of ec	CS_OFFL_SIR_LRM_1B_20210904T185519_20210904T185556_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20210904T20234_20210904T202348_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T20234_20210904T203958_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T20442_20210904T204730_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T21042_20210904T201712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210715_20210904T210712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210715_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210919_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210919_20210904T210932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T210932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211046_20210904T211056_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211116_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211116_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211136_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211136_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T211406_20210904T21156_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20210904T221502_202	CS_OFFL_SIR_LRM_1B_20210904T185710_20210904T191222_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T20234_20210904T204730_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T204730_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T20473_20210904T210712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210715_20210904T210712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210904_E0010_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21093_20210904T210910_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21106_20210904T21105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21115_00210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21164_20210904T21166_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211653_20210904T21266_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T212533_20210904T22253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T22251_20210904T222551_E001 Loss of ec	CS_OFFL_SIR_LRM_1B_20210904T192434_20210904T193158_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20210904T203409_20210904T20358_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T210715_20210904T210712_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T210910_20210904T210908_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T210910_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T210919_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T210919_20210904T210932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T210919_20210904T211042_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T211057_20210904T211055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T211057_20210904T211058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T211101_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T211115_20210904T211128_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T211606_20210904T214753_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T22253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T222541_20210904T222541_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20210904T222541_20210904T222541_E001 Loss of echo The tracking echo is miss	CS_OFFL_SIR_LRM_1B_20210904T193446_20210904T194507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T201432_20210904T204730_E001 CS_OFFL_SIR_LRM_1B_20210904T210243_20210904T210908_E001 CS_OFFL_SIR_LRM_1B_20210904T210917_20210904T210908_E001 CS_OFFL_SIR_LRM_1B_20210904T210910_20210904T210917_E001 CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210936_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210936_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T2110936_20210904T211042_E001 CS_OFFL_SIR_LRM_1B_20210904T211046_20210904T211055_E001 CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T211058_E001 CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T211068_E001 CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211128_E001 CS_OFFL_SIR_LRM_1B_20210904T211112_20210904T211128_E001 CS_OFFL_SIR_LRM_1B_20210904T211113_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211060_20210904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T211060_20210904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T211060_20210904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T2121060_20210904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T212552_E001 CS_OFFL_SIR_LRM_1B_20210904T222551_E001 CS_OFFL_SIR_LRM_1B_20210904T222551_E001 CS_OFFL_SIR_LRM_1B_20210904T222551_20210904T222551_E001 CS_OFFL_SIR_LRM_1B_20210904T222551_20210904T222551_E001 CS_OFFL_SIR_LRM_1B_20210904T222560_20904T222564_E001 CS_OFFL_SIR_LRM_1B_20210904T222561_20010904T222564_E001 CS_OFFL_SIR_LRM_1B_20210904T222561_20010904T222564_E001 CS_OFFL_SIR_LRM_1B_20210904T222561_E001 CS_OFFL_SIR_LRM_1B_20210904T222561_E001 CS_OFFL_SIR_LRM_1B_20210904T222561_E001 CS_OFFL_SIR_LRM_1B_20210904T222561_E001 CS_OFFL_SIR_LRM_1B_20210904T222561_E001 CS_OFFL_SIR	CS_OFFL_SIR_LRM_1B_20210904T202234_20210904T202948_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T210243_20210904T210908_E001 CS_OFFL_SIR_LRM_1B_20210904T210910_20210904T210908_E001 CS_OFFL_SIR_LRM_1B_20210904T210910_20210904T210917_E001 CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210936_20210904T210932_E001 CS_OFFL_SIR_LRM_1B_20210904T210936_20210904T21042_E001 CS_OFFL_SIR_LRM_1B_20210904T210936_20210904T211056_E001 CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T211056_E001 CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T211056_E001 CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T211105_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211105_20210904T211128_E001 CS_OFFL_SIR_LRM_1B_20210904T211113_20210904T211128_E001 CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_2001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T21106_2010904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T21106_2010904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T21106_2010904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T21106_2010904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T21106_2010904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T212106_2010904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T2122253_E001 CS_OFFL_SIR_LRM_1B_20210904T222251_20210904T2222551_E001 CS_OFFL_SIR_LRM_1B_20210904T2222514_20210904T2222551_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222551_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T2225044_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222504_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T2225044_E001 CS_OFFL_SIR_LRM_1B_20210904T2225040001T225044_E001 CS_OFFL_SIR_LRM_1B_20210904T2225040001T225044_E001 CS_OFFL_SIR_LRM_1B_20210904T2225040001T225044_E001 CS_OFFL_SIR_LRM_1B_20210904T22504000	CS_OFFL_SIR_LRM_1B_20210904T203409_20210904T203858_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T210715_20210904T210910_E001 CS_OFFL_SIR_LRM_1B_20210904T210910_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210910_20210904T210932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211046_20210904T211055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211046_20210904T211055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211105_20210904T211058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211128_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211113_20210904T211128_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211113_20210904T211128_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211113_20210904T21106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T214406_20210904T214753_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T22251_20210904T222253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T2225514_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T2225044_2001 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_20210904T222514_20210904T2225044_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The t	CS_OFFL_SIR_LRM_1B_20210904T204142_20210904T204730_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T210910_20210904T210917_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211046_20210904T211055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T211058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T2111057_20210904T211058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211111_20210904T211128_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211406_20210904T211648_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T214406_20210904T222249_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T22251_20210904T222253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T22251_20210904T22253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T22251_20210904T222524_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T22251_20210904T222504_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222544_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T225214_20210904T225244_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210904T210243_20210904T210712_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210932_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T2110936_20210904T211042_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211046_20210904T211055_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T211058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211128_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21406_20210904T21464B_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T214406_20210904T22249_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T22251_20210904T22251_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222511_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222511_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222511_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T224352_20210904T222514_20010904T225044_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T225214_20210904T225244_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more reco	CS_OFFL_SIR_LRM_1B_20210904T210715_20210904T210908_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T211046_20210904T211055_E001 CS_OFFL_SIR_LRM_1B_20210904T211046_20210904T211055_E001 CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T211058_E001 CS_OFFL_SIR_LRM_1B_20210904T21106_20210904T21106_E001 CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211128_E001 CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211128_E001 CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T211126_E001 CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T21120_E001 CS_OFFL_SIR_LRM_1B_20210904T211606_20210904T211648_E001 CS_OFFL_SIR_LRM_1B_20210904T21406_20210904T214753_E001 CS_OFFL_SIR_LRM_1B_20210904T21406_20210904T214753_E001 CS_OFFL_SIR_LRM_1B_20210904T21523_20210904T222249_E001 CS_OFFL_SIR_LRM_1B_20210904T222251_20210904T222253_E001 CS_OFFL_SIR_LRM_1B_20210904T222504_20210904T222511_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222551_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222551_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222551_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222504_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222504_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222504_E001 CS_OFFL_SIR_LRM_1B_20210904T22514_20210904T222504_E001 CS_OFFL_SIR_LRM_1B_20210904T22514_20210904T222504_E001 CS_OFFL_SIR_LRM_1B_20210904T22514_20210904T222511_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222504_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222504_E001 CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222504_E001 CS_OFFL_SIR_LRM_1B_20210904T225044_E001 CS_OFFL_SIR_LRM_1B_20210904T225214_20210904T225044_E001 CS_OFFL_SIR_LRM_1B_20210904T225214_20210904T225242_E001 CS_OFFL_SIR_LRM_1B_20210904T225214_E001 CS_OFFL_SIR_LRM_1B_20210904T225214_E001 CS_OFFL_SIR_LRM_1B_20210904T225214_E001 CS_OFFL_SIR_LRM_1B_20210904T225214_E001 CS_OFFL_SIR_LRM_1B_20210904T225214_E001 CS_OFFL_SIR_LRM_1B_20210904T225214_E001 CS_OFFL_SIR_LRM_1B_20210904T225214_E001 CS_OFFL_SIR_LRM_1	CS_OFFL_SIR_LRM_1B_20210904T210910_20210904T210917_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T211046_20210904T21105S_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211105_20210904T21105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211128_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211606_20210904T211648_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T214406_20210904T214753_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T221523_20210904T222249_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222251_20210904T222253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222551_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222852_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222532_20210904T222852_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T2224352_20210904T2228544_E001 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_20210904T222514_20210904T2240440_E001 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 mis	CS_OFFL_SIR_LRM_1B_20210904T210919_20210904T210932_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211128_E001 CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211128_E001 CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T2111206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211606_20210904T211648_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T214406_20210904T214753_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T215523_20210904T222249_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222251_20210904T222253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222511_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T22251_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222504_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T224352_20210904T224437_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T224600_20210904T225044_E001 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_20210904T225214_20210904T225224_E001 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 rec	CS_OFFL_SIR_LRM_1B_20210904T210936_20210904T211042_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211131_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21131_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211606_20210904T211648_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T214406_20210904T214753_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T215523_20210904T222249_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222251_20210904T222253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222511_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222852_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T224352_20210904T222504_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T224300_20210904T225044_E001 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_20210904T224300_20210904T225044_E001 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_20210904T225214_20210904T225044_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210904T211046_20210904T211055_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T211115_20210904T211128_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T21131_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211606_20210904T211648_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T214406_20210904T214753_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T215523_20210904T222249_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222251_20210904T222253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222504_20210904T222511_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222852_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T2224437_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T224600_20210904T225044_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T224600_20210904T225044_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T225214_20210904T225244_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T225214_20210904T225044_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210904T211057_20210904T211058_E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210904T21131_20210904T211206_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T211606_20210904T211648_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T214406_20210904T214753_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T215523_20210904T222249_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222251_20210904T222253_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222504_20210904T222511_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T222514_20210904T222852_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T224352_20210904T224437_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20210904T224600_20210904T225044_E001 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_20210904T225214_20210904T225044_E001 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_20210904T225214_20210904T225044_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20210904T211101_20210904T211106_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20210904T232715_20210904T233040_E001			•
	US_UFFL_SIR_LRM_1B_20210904T232715_20210904T233040_E001	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_20210904T025520_20210904T025523_E001	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: 3

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20210904T052356_20210904T053501_E001	IECHO ERROR IRK ECHO ERROR	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20210904T210715_20210904T210908_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_SIN_1B_20210904T025520_20210904T025523_E001	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:

0

5.2 L2 Product Header Analysis

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

umber of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 204

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220210904T002548_20210904T005917_E001	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_220210904T011037_20210904T011506_E001	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_220210904T020515_20210904T024014_E001	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_220210904T025032_20210904T025244_E001	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_220210904T025300_20210904T025310_E001	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_220210904T031017_20210904T032646_E001	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_20210904T034409_20210904T041952_E001	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_2_20210904T044146_20210904T050440_E001	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_2_20210904T052356_20210904T053501_E001	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_20210904T053605_20210904T053818_E001	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_20210904T053852_20210904T054032_E001	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_20210904T054514_20210904T055124_E001	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_20210904T055126_20210904T055937_E001	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_2_20210904T061213_20210904T062924_E001	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_2_20210904T063128_20210904T064546_E001	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_20210904T070254_20210904T071446_E001	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_220210904T071602_20210904T071738_E001	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_220210904T071939_20210904T071958_E001	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_220210904T072001_20210904T072901_E001	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_220210904T075205_20210904T080828_E001	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_220210904T081350_20210904T082637_E001	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_20210904T090057_20210904T090308_E001	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_220210904T093109_20210904T093935_E001	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_220210904T094026_20210904T094359_E001	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_220210904T094402_20210904T100632_E001	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_20210904T102251_20210904T104558_E001	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_20210904T105913_20210904T105937_E001	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_20210904T111807_20210904T114505_E001	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_2_20210904T120129_20210904T122754_E001	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_20210904T123229_20210904T123926_E001	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_2_20210904T125123_20210904T132326_E001	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_220210904T141510_20210904T141834_E001	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_220210904T143020_20210904T143925_E001	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_220210904T144210_20210904T150326_E001	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_220210904T152107_20210904T153716_E001	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_2_20210904T155521_20210904T155552_E001	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_20210904T160705_20210904T164206_E001	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_2_20210904T170126_20210904T173310_E001	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_20210904T174522_20210904T180005_E001	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_20210904T180447_20210904T180657_E001	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_20210904T180702_20210904T182139_E001	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_2_20210904T183935_20210904T185305_E001	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_20210904T185710_20210904T191222_E001	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_2_20210904T193446_20210904T194507_E001	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_20210904T194647_20210904T200029_E001	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_220210904T202234_20210904T202948_E001	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_220210904T203409_20210904T203858_E001	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_220210904T204142_20210904T204730_E001	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_220210904T204852_20210904T205101_E001	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_220210904T211749_20210904T213846_E001	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_220210904T215523_20210904T2222249_E001	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_220210904T224352_20210904T224437_E001	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_220210904T225445_20210904T231827_E001	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_20210904T233430_20210905T000709_E001	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_SAR_2_20210904T000918_20210904T001112_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T002251_20210904T002548_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T010229_20210904T011001_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T011017_20210904T011037_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T011914_20210904T012100_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

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CS_OFFL_SIR_SAR_2_20210904T012214_20210904T012405_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T014136_20210904T014425_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T014548_20210904T015116_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T020121_20210904T020515_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T024015_20210904T024758_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T024758_20210904T024923_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T025524_20210904T025718_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T025928_20210904T030129_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T032647_20210904T033045_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T034022_20210904T034408_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T041953_20210904T042659_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T042659_20210904T043016_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T043130_20210904T044146_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T050441_20210904T051139_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T052234_20210904T052356_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T053501_20210904T053605_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T054032_20210904T054513_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T055938_20210904T060549_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T060549_20210904T060658_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T062925_20210904T063108_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T064546_20210904T064647_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T064819_20210904T064945_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T070200_20210904T070254_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T071446_20210904T071601_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T071738_20210904T071920_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T071924_20210904T071938_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T073919_20210904T074124_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T074137_20210904T074205_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T074205_20210904T074611_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220210904T074900_20210904T075046_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T082638_20210904T082911_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T084114_20210904T084239_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T085801_20210904T090057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T090309_20210904T090439_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T091823_20210904T091947_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T091947_20210904T092525_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T100633_20210904T100845_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T102038_20210904T102250_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T105650_20210904T105842_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T105937_20210904T110020_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T110041_20210904T110544_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T114506_20210904T114806_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T115943_20210904T120129_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T123926_20210904T124746_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T132327_20210904T132756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T133805_20210904T134035_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T134440_20210904T134730_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T140504_20210904T140843_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T141133_20210904T141405_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T141834_20210904T142643_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T143926_20210904T144209_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T150326_20210904T150659_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T151702_20210904T152106_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T154520_20210904T154621_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T154753_20210904T155122_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T155123_20210904T155521_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T155553_20210904T155640_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T155917_20210904T160705_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T164207_20210904T164347_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T165546_20210904T170125_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T173820_20210904T174521_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T180006_20210904T180446_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T180658_20210904T180702_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220210904T182140_20210904T182231_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T183337_20210904T183934_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T185557_20210904T185710_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T191308_20210904T191518_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T191735_20210904T192341_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T192341_20210904T192434_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T194507_20210904T194646_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210904T200029_20210904T200146_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T204022_20210904T204142_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T205609_20210904T210130_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T210145_20210904T210243_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T211648_20210904T211749_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T213847_20210904T214052_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T215312_20210904T215522_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T223432_20210904T224352_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T231828_20210904T232020_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210904T233204_20210904T233429_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210904T001113_20210904T001238_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T001734_20210904T001741_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T002111_20210904T002251_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T005918_20210904T010032_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T010114_20210904T010229_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210904T011002_20210904T011017_E001	Backscatter Error (Ketracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T015117_20210904T015237_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T015806_20210904T020121_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T024923_20210904T025032_E001	Backscatter Error (Ketracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T025245_20210904T025259_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210904T025310_20210904T025433_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210904T025520_20210904T025523_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Calibration Warning	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210904T025750_20210904T025927_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20210904T030743_20210904T031017_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210904T033046_20210904T033200_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T033704_20210904T034021_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T051139_20210904T051416_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_2_20210904T051610_20210904T052233_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T060658_20210904T060818_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T061056_20210904T061212_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T064648_20210904T064819_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T064946_20210904T065314_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T065522_20210904T065613_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T070024_20210904T070159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T074125_20210904T074137_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210904T074612_20210904T074717_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T074806_20210904T074900_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T075047_20210904T075205_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T080829_20210904T081350_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20210904T082912_20210904T083111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T083927_20210904T084114_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T090615_20210904T091003_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20210904T092526_20210904T093109_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T100845_20210904T101003_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T101206_20210904T101244_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T101757_20210904T102037_E001	track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T105842_20210904T105912_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model Backscatter Backsc	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T110021_20210904T110040_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T110545_20210904T111732_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T114807_20210904T114927_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T115017_20210904T115211_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T115815_20210904T115942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T124747_20210904T125123_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T132756_20210904T133120_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T133647_20210904T133804_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T141421_20210904T141509_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20210904T142644_20210904T142919_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
		There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220210904T142644_20210904T142919_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SIN_2_20210904T142644_20210904T142919_E001 CS_OFFL_SIR_SIN_2_20210904T142923_20210904T143020_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle

CS_OFFL_SIR_SIN_2_20210904T155641_20210904T155916_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210904T164347_20210904T164540_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T165421_20210904T165546_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T173310_20210904T173415_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T173715_20210904T173819_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T182231_20210904T182407_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T183135_20210904T183337_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T191222_20210904T191308_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T191519_20210904T191734_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T193158_20210904T193446_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20210904T200146_20210904T200333_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T200854_20210904T200859_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210904T201015_20210904T201709_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210904T201823_20210904T202233_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location 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	158	0	0	0	0
SIR_SAR_1B	100	0	0	0	0
SIR_SIN_1B	99	0	0	0	0
SIR_LRM_2	158	0	0	0	0
SIR_SAR_2	99	0	0	0	0
SIR_SIN_2	100	0	0	0	0
SIR_GDR_2	15	0	0	0	0

6.1 QCC Errors

Number of products with QCC errors:

0

6.2 QCC Warnings

Number of QCC reports with warnings

0

6.2 Missing QCC Reports

Number of products with missing QCC reports:

0