



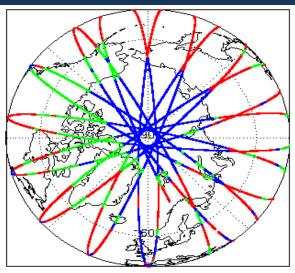
1. Overview

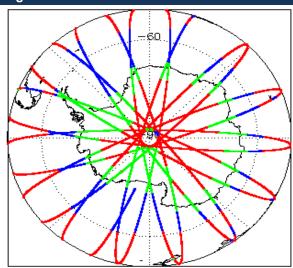
Report Production Date:	15-Nov-2019	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

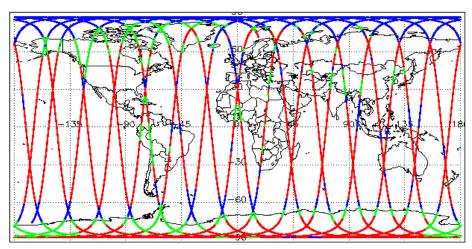
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	Nominal
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5

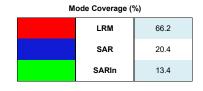
Mission / Instrument News		
16-Oct-201	None None	
17-Oct-201	None None	
18-Oct-201	Nothing planned	

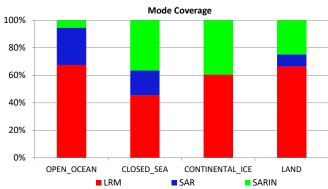
2. Global Coverage

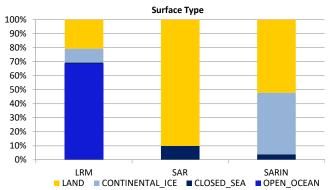












3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
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4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

4.3 Star Tracker Usage Check

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

0

Number of products with errors: 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: 87

Section	Product	Test Failed	Description
Company Comp			·
Co. CPF_L_SR_LEM_16_2019107T01316_2019107T01325_0001 Loss of debts The teaching each is missing for one or more records		Loss of echo	
CS_OFFL_SR_LRM_18_20191017703492_20191017703594_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017703594_20191017703594_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017703497_20191017703594_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017703497_20191017703594_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017703497_20191017703594_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017703497_20191017703594_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017703497_201910177059568_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705972_201910177059568_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705972_201910177059568_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705972_20191017705248_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705972_20191017705248_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705372_20191017705248_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705382_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705382_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705382_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705382_D019107705382_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705382_D019107705382_D001 Loss of derbo The tracking acho is missing for one or more records CS_OFFL_SR_LRM_18_20191017705382_D019107705382_D00	CS_OFFL_SIR_LRM_1B_20191017T012919_20191017T013037_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_18_20191017702327_20191017702351_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017702352_20191017702352_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017702352_20191017703552_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017702372_20191017703552_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017702372_20191017703500_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017702372_20191017703500_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703272_20191017703500_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703272_20191017703505_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703272_20191017703505_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703272_20191017703505_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703223_20191017703532_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703232_20191017703534_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703523_20191017703534_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_201910177035232_20191017703534_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703534_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703534_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703534_D001 Loss of exhab The tracking exha is missing for one or more records CS_OFFL_SR_LRM_18_20191017703535_D0101 Loss of exh	CS_OFFL_SIR_LRM_1B_20191017T013154_20191017T013205_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_1B_20191017703281_20191017703285_0010101000000000000000000000000000000	CS_OFFL_SIR_LRM_1B_20191017T014949_20191017T022511_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_1B_201910177038954_201910177038954_D001 Loss of exhall The tracking exho is missing for one or more records CS_OFFL_SR_LRM_1B_20191017703895_201910177038954_D001 Loss of exhall The tracking exho is missing for one or more records CS_OFFL_SR_LRM_1B_20191017705090_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705090_20191017705131_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705090_20191017705391_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705090_20191017705391_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705090_20191017705391_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705090_20191017705090_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705090_20191017705091_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705092_20191017705091_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705092_20191017705095_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705092_20191017705095_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705099_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705099_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705099_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705099_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705099_D001 Loss of exhall The tracking exhall semising for one or more records CS_OFFL_SR_LRM_1B_20191017705099_D001 Loss of exhall The tracking exhall sem	CS_OFFL_SIR_LRM_1B_20191017T023327_20191017T023738_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LRM_1B_20191017703432_20191017703533_0001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017705002_20191017705331_0001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_201910177050002_20191017705331_0001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_201910177050002_20191017705331_0001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_201910177050002_20191017705431_0001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017705002_20191017705000_2001 CS_OFF_SIR_LRM_1B_20191017705002_20191017705000_2001 CS_OFF_SIR_LRM_1B_20191017705002_20191017705000_2001 CS_OFF_SIR_LRM_1B_20191017705002_20191017705000_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017705062_20191017705000_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017705062_20191017705000_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017705062_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017705061_20191017705002_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017705061_20191017705062_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017705061_20191017705062_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017705061_20191017705062_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017707306_2019107705062_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017707308_2019107707308_2001 Loss of echo The tracking acho is missing for one or more records CS_OFF_SIR_LRM_1B_20191017707308_2019107707308_201001 Loss of echo The tracking acho is missing for one or more reco	CS_OFFL_SIR_LRM_1B_20191017T032831_20191017T032951_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LEM_18_20191017T043292_20191017T05335_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T05092_20191017T05095_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T051727_20191017T052558_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T05700_20191017T052558_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T05700_20191017T052143_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T05700_20191017T052143_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T05700_20191017T052143_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T052700_20191017T052143_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T052328_20191017T055345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T055342_20191017T055345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T055342_20191017T055345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T055342_20191017T056959_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T058452_20191017T056959_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T075812_20191017T056959_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T075818_20191017T058130_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T058256_20191017T068371_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LEM_18_20191017T1068256_20191017T06331_0001 Loss of echo The tracking ec	CS_OFFL_SIR_LRM_1B_20191017T032954_20191017T034256_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SRL_RM_18_20191017T050942_20191017T050900_20191 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T050900_20191017T054314_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T052900_20191017T054314_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T062900_20191017T062914_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T062900_20191017T062914_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T06290_20191017T062918_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T06291_20191017T062918_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T06292_20191017T062918_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T06292_20191017T062954_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T06292_20191017T062952_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T06291_20191017T06292_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T06291_20191017T06292_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T072918_20191017T072939_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T072918_20191017T072919_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T072918_20191017T072919_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T072918_20191017T03291_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SRL_RM_18_20191017T072918_20191077103310_0001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T034737_20191017T035944_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_2019107T059932_20191017T059381_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T059239_2019107T059388_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T050239_2019107T0508388_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T050239_2019107T050248_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T060239_2019107T060381_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T066328_2019107T06338_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T066328_2019107T063345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T063382_2019107T063345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T073349_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T073345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T073345_2019107T073346_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T073348_2019107T0763138_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T073383_2019107T0768138_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T073882_2019107T083139_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T073838_2019107T081339_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T073835_2019107T081339_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T0703852_2019107T081331_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2019107T1013	CS_OFFL_SIR_LRM_1B_20191017T042329_20191017T043553_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LRM_18_20191017T054272_20191017T052580_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T052590_20191017T054314_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T052702_20191017T053018_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T052702_20191017T053018_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T052703_20191017T053318_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T055342_20191017T055345_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T055342_20191017T055345_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T055345_20191017T055345_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T055345_20191017T055345_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T055345_20191017T055345_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T055345_20191017T05348_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T05340_20191017T05338_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T06338_20191017T063331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T06338_20191017T063317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T063585_20191017T063317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T063585_20191017T063317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20191017T101432_20191017T101331_D001 Loss of ech	CS_OFFL_SIR_LRM_1B_20191017T050742_20191017T050900_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191017T052900_20191017T060818_D001 CS_OFFL_SIR_LRM_18_20191017T0608292_20191017T060818_D001 CS_OFFL_SIR_LRM_18_20191017T0608292_20191017T060818_D001 CS_OFFL_SIR_LRM_18_20191017T0608292_20191017T060818_D001 CS_OFFL_SIR_LRM_18_20191017T0608292_20191017T060838_D001 CS_OFFL_SIR_LRM_18_20191017T0608292_20191017T060838_D001 CS_OFFL_SIR_LRM_18_20191017T060829_20191017T060838_D001 CS_OFFL_SIR_LRM_18_20191017T060828_20191017T060838_D001 CS_OFFL_SIR_LRM_18_20191017T06584_D001 CS_OFFL_SIR_LRM_18_20191017T06584_20191017T06584_D001 CS_OFFL_SIR_LRM_18_20191017T065854_20191017T06584_D001 CS_OFFL_SIR_LRM_18_20191017T065854_20191017T06584_D001 CS_OFFL_SIR_LRM_18_20191017T065854_20191017T065969_D001 CS_OFFL_SIR_LRM_18_20191017T06586_20191017T06596_D001 CS_OFFL_SIR_LRM_18_20191017T07308_20191017T06596_D001 CS_OFFL_SIR_LRM_18_20191017T07308_20191017T07330_D001 CS_OFFL_SIR_LRM_18_20191017T07318_20191017T07330_D001 CS_OFFL_SIR_LRM_18_20191017T07318_20191017T07330_D001 CS_OFFL_SIR_LRM_18_20191017T07318_20191017T07330_D001 CS_OFFL_SIR_LRM_18_20191017T07380_20191017T08133_D001 CS_OFFL_SIR_LRM_18_20191017T08301_20191017T083131_D001 CS_OFFL_SIR_LRM_18_20191017T08302_20191017T06331_D001 CS_OFFL_SIR_LRM_18_20191017T063890_20191017T06331_D001 CS_OFFL_SIR_LRM_18_20191017T063890_20191017T063131_D001 CS_OFFL_SIR_LRM_18_20191017T063890_20191017T063131_D001 CS_OFFL_SIR_LRM_18_20191017T063890_20191017T060113_D001 CS_OFFL_SIR_LRM_18_20191017T063890_20191017T060113_D001 CS_OFFL_SIR_LRM_18_20191017T063890_20191017T060113_D001 CS_OFFL_SIR_LRM_18_20191017T063890_20191017T060113_D001 CS_OFFL_SIR_LRM_18_20191017T063890_20191017T060113_D001 CS_OFFL_SIR_LRM_18_20191017T061432_2019017T101433_D001 CS_OFFL_SIR_LRM_18_20191017T061432_2019017T101433_D001 CS_OFFL_SIR_LRM_18_20191017T061432_2019017T101433_D001 CS_OFFL_SIR_LRM_18_20191017T101432_2019001 CS_OFFL_SIR_LRM_18_20191017T101432_2019001 CS_OFFL_SIR_LRM_18_20191017T101432_2019001 CS_OFFL_SIR_LRM_18_20191017T1145002_201001 CS_OFFL_SIR_LRM_18_2019101	CS_OFFL_SIR_LRM_1B_20191017T050903_20191017T051331_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191017T061720_20191017T061720_01001	CS_OFFL_SIR_LRM_1B_20191017T051727_20191017T052658_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191017T062732_20191017T062743_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T062732_20191017T063326_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T063328_20191017T065345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T065345_20191017T065345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T063545_20191017T065545_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T065541_20191017T065595_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T073611_20191017T073406_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T073108_20191017T073306_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T073108_20191017T073306_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T073818_20191017T073318_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T073818_20191017T081343_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T083259_20191017T08331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T083259_20191017T08331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T108325_20191017T08331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101332_20191017T101330_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101432_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101433_20191017T11043	CS_OFFL_SIR_LRM_1B_20191017T052900_20191017T054314_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191017T062422_20191017T065345_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T065345_20101 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T065345_20101 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T065345_20101 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T065345_20191017T065545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T065855_20191017T065855_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T07304_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T07304_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T073108_20191017T073138_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T081301_20191017T081341_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T081301_20191017T081341_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T08328_20191017T083311_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T08308_20191017T083311_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T081008_20191017T081301_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T1091008_20191017T10430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T10430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T110430_D001 Loss of echo The tracking echo is missing for	CS_OFFL_SIR_LRM_1B_20191017T060429_20191017T060808_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T06532E_20191017T06532E_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T06534E_20191017T065545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T06554E_20191017T065545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T065551_20191017T065565_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T075352_20191017T065569_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T07310B_20191017T073329_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T07310B_20191017T073131B_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T08313_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083259_20191017T08331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083259_20191017T08331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083259_20191017T08331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T093259_20191017T08311_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101818_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101818_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101818_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101828_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T110430_20191017T110430_D001 Loss of e	CS_OFFL_SIR_LRM_1B_20191017T061720_20191017T062143_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T06532B_20191017T06534B_0011 CS_OFFL_SIR_LRM_1B_20191017T06554B_20191017T065655_D0011 CS_OFFL_SIR_LRM_1B_20191017T065655_20191017T0656655_D0011 CS_OFFL_SIR_LRM_1B_20191017T065655_20191017T0656655_D0011 CS_OFFL_SIR_LRM_1B_20191017T07656555_D0011 CS_OFFL_SIR_LRM_1B_20191017T07656555_D0011 CS_OFFL_SIR_LRM_1B_20191017T072812_20191017T073046_D0011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T07318_20191017T073349_D0011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T07318_20191017T073349_D0011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T073318_20191017T083319_D0011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083311_20191017T083313_D0011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083311_D0011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083317_D0011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083317_D0011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T091002_20191017T091331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1010818_20191017T101130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101432_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10433_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T104432_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T11049404_20191017T10433_20010 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM	CS_OFFL_SIR_LRM_1B_20191017T062703_20191017T063018_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191017T065348_20191017T065545_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T072612_20191017T065692_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T072612_20191017T0765692_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T073108_20191017T073346_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T073188_20191017T073328_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T08319_20191017T081343_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T083282_20191017T08317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T083282_20191017T08317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T083282_20191017T08317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T0938282_20191017T090107_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T100108_20191017T09133_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101433_D0191017T10433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T104904_20191017T10432_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T11432_D0191017T1132_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SI	CS_OFFL_SIR_LRM_1B_20191017T064621_20191017T065326_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T065612_0191017T065622_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T065655_20191017T065959_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T073108_0191017T073304_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T073318_20191017T081331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T081301_20191017T081313_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T081301_20191017T081331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083252_0191017T0832311_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083252_0191017T083311_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083252_0191017T083311_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T091002_0191017T091031_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1001002_0191017T091001_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T100103_01910101001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T100130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T100430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T110430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1	CS_OFFL_SIR_LRM_1B_20191017T065328_20191017T065345_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T065855_20191017T073346_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T0730B_20191017T073328_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T07331B_20191017T073323_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T07381B_20191017T081313_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T082859_20191017T083317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083258_20191017T083317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083258_20191017T083131_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083259_20191017T080131_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1003350_20191017T091313_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T100183_20191017T10130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10133_20191017T10130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10133_20191017T10130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10133_20191017T10130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114273_20191017T113016_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114273_20191017T11528_D001 Loss of echo The tracking echo	CS_OFFL_SIR_LRM_1B_20191017T065348_20191017T065545_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T073108_20191017T073046_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T073108_20191017T081138_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083138_20191017T081343_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083259_20191017T083211_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083258_20191017T083211_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083258_20191017T083211_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083258_20191017T090137_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1090168_20191017T091331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10433_20191017T10433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10490_20191017T104030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10490_20191017T104030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114272_D0191017T113200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114272_D0191017T113200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T113200_D001 Loss of echo The tracking echo is missing for one or mo	CS_OFFL_SIR_LRM_1B_20191017T065611_20191017T065622_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T073108_20191017T073239_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T081310_20191017T081343_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T082312_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083259_20191017T083231_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083256_20191017T083317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083050_20191017T090107_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T091006_20191017T090107_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101133_20191017T101130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101433_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101433_20191017T10430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10433_20191017T105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T11423_20191017T114520_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T11429_20191017T114520_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T11429_20191017T114520_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114520_20191017T11520_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T112500_D001 Loss of echo The tracking echo is missing	CS_OFFL_SIR_LRM_1B_20191017T065855_20191017T065959_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T08138_20191017T08138_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083211_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083258_20191017T0803317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T083355_20191017T090107_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T091331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1091331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T105230_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114520_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114520_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T11520_D0101 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T11520_D0101 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T112030_D001 Loss of echo The tracking echo is missing for one or more records CS_O	CS_OFFL_SIR_LRM_1B_20191017T072612_20191017T073046_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20191017T081301_20191017T081343_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T083258_20191017T083317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T083650_20191017T083317_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T091006_20191017T091031_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T1091006_20191017T091331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T104904_20191017T105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T114213_20191017T11427_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T114213_20191017T11427_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T114213_20191017T11523_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T112034_20191017T112030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T112034_20191017T112030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20191017T112034_20191017T12133_D001 Loss of echo The tracking echo is missing for one or more records CS_O	CS_OFFL_SIR_LRM_1B_20191017T073108_20191017T073239_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191017T082859_20191017T083211_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T083650_20191017T0901331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T091006_20191017T091331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T100618_20191017T101130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101218_20191017T10130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101218_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101432_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101432_20191017T10430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T10430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T104904_20191017T105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T1105803_20191017T11106236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T114213_20191017T114527_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T115505_20191017T115230_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T1120301_20191017T1120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T1120312_20191017T1120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T11203120_20191017T112030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T120312_20191017T13200_D001 Loss of echo The tracking echo is missing for on	CS_OFFL_SIR_LRM_1B_20191017T073818_20191017T081138_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20191017T083258_20191017T090107_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T091006_20191017T091331_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T100618_20191017T10130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101218_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101433_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T101433_20191017T10430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T10436_20191017T10430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T104904_20191017T105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T105803_20191017T1105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T11423_20191017T114527_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T11423_20191017T11523_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T115505_20191017T115626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T115803_20191017T1120809_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T112034_20191017T112132_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T112014143_20191017T112132_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T120171121132_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20191017T120171121132_D001 Loss of echo The tracking echo is missing f	CS_OFFL_SIR_LRM_1B_20191017T081301_20191017T081343_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T083650_20191017T090107_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T100618_20191017T101130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101218_20191017T101430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101433_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101433_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101436_20191017T104030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T104904_20191017T105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T105803_20191017T113016_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114527_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T11523_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T1120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T12034_20191017T120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T12015_20191017T12133_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T12133_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121242_20191017T13200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T13242_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T082859_20191017T083211_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T091006_20191017T091331_D001 CS_OFFL_SIR_LRM_1B_20191017T1010818_20191017T101130_D001 CS_OFFL_SIR_LRM_1B_20191017T101218_20191017T101430_D001 CS_OFFL_SIR_LRM_1B_20191017T101218_20191017T101430_D001 CS_OFFL_SIR_LRM_1B_20191017T101433_200191017T101433_D001 CS_OFFL_SIR_LRM_1B_20191017T101433_200191017T101433_D001 CS_OFFL_SIR_LRM_1B_20191017T101436_20191017T104030_D001 CS_OFFL_SIR_LRM_1B_20191017T1014004_20191017T105236_D001 CS_OFFL_SIR_LRM_1B_20191017T105803_20191017T113016_D001 CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114527_D001 CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T115123_D001 CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T115123_D001 CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T1152000_D001 CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T112000_D001 CS_OFFL_SIR_LRM_1B_20191017T112015_20191017T112000_D001 CS_OFFL_SIR_LRM_1B_20191017T112015_20191017T112000_D001 CS_OFFL_SIR_LRM_1B_20191017T112015_20191017T112000_D001 CS_OFFL_SIR_LRM_1B_20191017T112015_20191017T112133_D001 CS_OFFL_SIR_LRM_1B_20191017T112015_20191017T112130_D001 CS_OFFL_SIR_LRM_1B_20191017T12143_20191017T12133_D001 CS_OFFL_SIR_LRM_1B_20191017T12143_20191017T12133_D001 CS_OFFL_SIR_LRM_1B_20191017T12143_20191017T12133_D001 CS_OFFL_SIR_LRM_1B_20191017T12143_20191017T12133_D001 CS_OFFL_SIR_LRM_1B_20191017T12143_20191017T12133_D001 CS_OFFL_SIR_LRM_1B_20191017T12143_20191017T12133_D001 CS_OFFL_SIR_LRM_1B_20191017T12143_20191017T12133_D001 CS_OFFL_SIR_LRM_1B_20191017T12143_20191017T12133_D001 CS_OFFL_SIR_LRM_1B_20191017T12143_20191017T13200_D001 CS_OFFL_SIR_LRM_1B_20191017T131320_D001 CS_OFFL_SIR_LRM_1B_20191017T1322542_20191017T132544_D001 CS_OFFL_SIR_LRM_1B_20191017T13244_20191017T133111_D001 CS_OFFL_SIR_LRM_1B_20191017T133111_D001 CS_OFFL_SIR_LRM_1B_20191017T133111_D001 CS_OFFL_SIR_LRM_1B_20191017T133111_D001 CS_OFFL_SIR_LRM_1B_20191017T133111_D001 CS_OFFL_SIR_LRM_1B_20191017T133111_D001 CS_OFFL_SIR_LRM_1B_20191017T133111_D001 CS_OFFL_SIR_LRM_1B_20191017T133111_D001 CS_OFFL_SIR_LRM_1B_20	CS_OFFL_SIR_LRM_1B_20191017T083258_20191017T083317_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T100618_20191017T101130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101218_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101433_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T10433_20191017T10433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T104904_20191017T105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114203_20191017T113016_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114527_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or	CS_OFFL_SIR_LRM_1B_20191017T083650_20191017T090107_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T101218_20191017T101433_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T101433_20191017T104030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T104030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T104004_20191017T105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1105803_20191017T113016_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T11427_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114729_20191017T11523_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114729_20191017T11523_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T115626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T12034_20191017T120309_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T12133_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132019_1017T13200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more record	CS_OFFL_SIR_LRM_1B_20191017T091006_20191017T091331_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T101433_20191017T101433_D001 Loss of echo CS_OFFL_SIR_LRM_1B_20191017T101436_20191017T104030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T104904_20191017T105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T105803_20191017T113016_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114527_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T115123_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T115626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T1120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1120304_20191017T120309_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T12015_20191017T121139_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132015_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132942_20191017T133111_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is mi	CS_OFFL_SIR_LRM_1B_20191017T100618_20191017T101130_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T10436_20191017T104030_D001 CS_OFFL_SIR_LRM_1B_20191017T104904_20191017T105236_D001 CS_OFFL_SIR_LRM_1B_20191017T105803_20191017T113016_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114527_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114527_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114729_20191017T115123_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T11523_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T115626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120324_20191017T120809_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120915_20191017T12133_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T12133_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T101218_20191017T101430_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T104904_20191017T105236_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1105803_20191017T113016_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114527_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114729_20191017T115123_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T115626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120324_20191017T120809_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120915_20191017T121139_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132142_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132942_20191017T133111_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T101433_20191017T101433_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T11213_20191017T113016_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T115123_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T11523_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T115626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120324_20191017T120809_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120315_20191017T12139_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T101436_20191017T104030_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114527_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T11523_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T115626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120324_20191017T120809_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120315_20191017T121139_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T13019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T104904_20191017T105236_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T114729_20191017T115123_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T115626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1120324_20191017T120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120324_20191017T120809_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120915_20191017T121139_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132942_20191017T133111_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T105803_20191017T113016_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T115626_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T1120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120324_20191017T120809_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120915_20191017T121139_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T13019_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132942_20191017T133111_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T114213_20191017T114527_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T112810_20191017T120303_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T120324_20191017T12139_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T12133_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T114729_20191017T115123_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T120324_20191017T120809_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T115505_20191017T115626_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T120915_20191017T121139_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132942_20191017T133111_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T115810_20191017T120303_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132942_20191017T133111_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T120324_20191017T120809_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T132019_20191017T131200_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20191017T132942_20191017T133111_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T120915_20191017T121139_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T121143_20191017T121233_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T132942_20191017T133111_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T130019_20191017T131200_D001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20191017T132125_20191017T132544_D001	Loss of echo	The tracking echo is missing for one or more records
00 OFFI OID IDM 4D 004040477400400 004040477400405 D004	CS_OFFL_SIR_LRM_1B_20191017T132942_20191017T133111_D001	Loss of echo	The tracking echo is missing for one or more records
Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T133123_20191017T133135_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T133300_20191017T133814_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20191017T133300_20191017T133814_D001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20191017T140432_20191017T140826_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T141534_20191017T142030_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T142040_20191017T142612_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T142837_20191017T144940_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T144944_20191017T145147_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T160119_20191017T161033_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T161036_20191017T161152_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T161632_20191017T162334_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T162457_20191017T162653_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T162656_20191017T162719_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T162722_20191017T162932_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T162935_20191017T162942_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T162945_20191017T163054_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T170250_20191017T170549_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T170655_20191017T171801_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T174139_20191017T174820_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T175000_20191017T175127_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T175130_20191017T180520_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T180523_20191017T180533_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T180616_20191017T181050_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T182336_20191017T182530_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T182652_20191017T183004_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T183525_20191017T184001_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T184009_20191017T184014_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T190212_20191017T191049_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T194255_20191017T194324_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T194357_20191017T194920_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T200138_20191017T200344_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T200403_20191017T203740_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T204413_20191017T204848_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T205713_20191017T212121_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T212227_20191017T212744_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T214813_20191017T214839_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T223251_20191017T225323_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T225329_20191017T225831_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T225856_20191017T230000_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T230159_20191017T230307_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T230341_20191017T230516_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20191017T230702_20191017T230800_D001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20191017T012919_20191017T013037_D001	IEcho error TRK 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_20191017T073818_20191017T081138_D001	IECDO error TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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Number of products with errors:

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220191016T235852_20191017T000050_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T001333_20191017T004612_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220191017T010403_20191017T012015_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T013809_20191017T013927_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T014949_20191017T022511_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220191017T024257_20191017T030807_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T032954_20191017T034256_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T034737_20191017T035944_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T042329_20191017T043553_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T043801_20191017T045528_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T051727_20191017T052658_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220191017T052900_20191017T054314_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T055947_20191017T060129_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T060429_20191017T060808_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191017T061720_20191017T062143_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220191017T062306_20191017T062532_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T062703_20191017T063018_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T063140_20191017T063359_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220191017T064621_20191017T065326_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191017T065348_20191017T065545_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

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CS_OFFL_SIR_LRM_220191017T070652_20191017T072205_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T073818_20191017T081138_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T083650_20191017T090107_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20191017T091714_20191017T094402_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T101436_20191017T104030_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220191017T105803_20191017T113016_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface Model Unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20191017T114213_20191017T114527_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T115505_20191017T115626_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T123647_20191017T125733_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T130019_20191017T131200_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface Model Unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20191017T132125_20191017T132544_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T134141_20191017T134628_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T134816_20191017T135755_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T141534_20191017T142030_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T142040_20191017T142612_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T142837_20191017T144940_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T151235_20191017T153604_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T160119_20191017T161033_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T161036_20191017T161152_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T161632_20191017T162334_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T164500_20191017T165052_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T165219_20191017T170035_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T170655_20191017T171801_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T174139_20191017T174820_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20191017T175000_20191017T175127_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T175130_20191017T180520_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface Model Unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220191017T182336_20191017T182530_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface Model Unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one
CS_OFFL_SIR_LRM_220191017T182652_20191017T183004_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220191017T183135_20191017T183402_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T183525_20191017T184001_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T184324_20191017T185805_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T191419_20191017T193547_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220191017T194255_20191017T194324_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20191017T200138_20191017T200344_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T200403_20191017T203740_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_2_20191017T205713_20191017T212121_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20191017T212946_20191017T213058_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T214813_20191017T214839_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T215035_20191017T221528_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T223251_20191017T225323_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T225329_20191017T225831_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T230702_20191017T230800_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20191017T230817_20191017T231007_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20191017T232155_20191017T235453_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records