

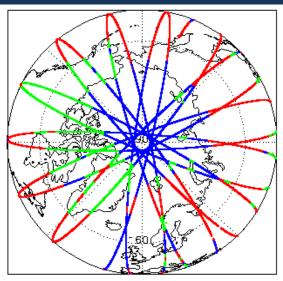
## 1. Overview

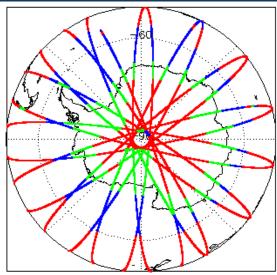
Report Production Date:	12-Sep-2022	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

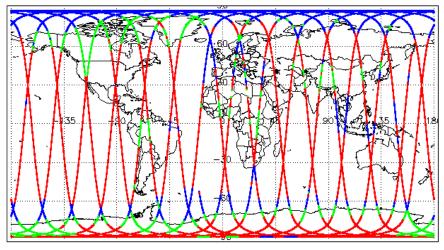
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 5.4
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

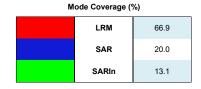
Mission / Instru	ument News
10-Aug-2022	None
11-Aug-2022	None
12-Aug-2022	Nothing planned

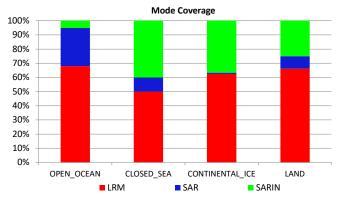
# 2. Global Coverage

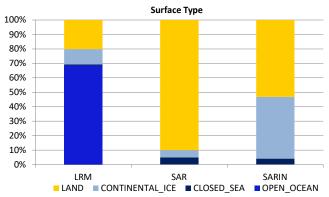












## 3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

## 4. Level 1B Data Quality Check

#### 4.1 L1B Product Format Check

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

Number of products with errors:

(

#### 4.2 L1B Product Header Analysis

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

Number of products with errors:

0

#### 4.3 Star Tracker Usage Check

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

Number of products with errors:

0

## 4.4 L1B Tracking Flags Check

CryoSat L1B data includes a tracking flag for each measurement record. The bit value of this flag indicates any problems when set.

Loss of Echo Flag: This flag is currently set for some products over land, but this is to be expected.

umber of products with errors: 1

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220810T235904_20220811T000358_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T000537_20220811T003124_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T003945_20220811T004215_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T005029_20220811T010258_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T013440_20220811T013801_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T013804_20220811T013807_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T013810_20220811T014050_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T014410_20220811T015351_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T015554_20220811T021032_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T022754_20220811T023853_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T023857_20220811T023937_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T023942_20220811T023945_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T024006_20220811T024053_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T024426_20220811T024449_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T024451_20220811T024621_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T024623_20220811T030045_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T031332_20220811T032313_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T032315_20220811T032350_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T032352_20220811T032703_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T040530_20220811T042658_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T042700_20220811T042801_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T042803_20220811T043108_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T043121_20220811T043838_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T045211_20220811T045846_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T045918_20220811T045919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T045922_20220811T045930_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T045933_20220811T045945_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T050504_20220811T050535_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T050542_20220811T052616_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T054406_20220811T061041_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T061044_20220811T061052_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T061057_20220811T061103_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T061106_20220811T061114_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T061116_20220811T061221_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T063312_20220811T063842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T063948_20220811T064131_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T064133_20220811T070749_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T080910_20220811T081628_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T081701_20220811T081736_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T081933_20220811T081935_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T081937_20220811T081944_E001	Loss of echo	The tracking echo is missing for one or more records

Company   Comp	CS_OFFL_SIR_LRM_1B_20220811T081946_20220811T081950_E001	Loss of echo	The tracking echo is missing for one or more records
Company   Comp			
C.   Per 19.   1.6.   Per 1.   20.			·
Company   Comp			
Co. Comp.   Co.   Comp.   Co.   Comp.   Co.			
Co., Co., Co., Co., Co., Co., Co., Co.,			
Dec. of L. SEL, Link 11, Link 2022011 199204, 2022011 199204, 2010   Loss of when			
Co. OH. D. R. LUM 19. 2020011170020 20201170020 2020   Los of colo			
Company   Comp			·
Company   Comp			
Co. P. C.   B. L. M. 18. 20028111100042   200291111100050   20029111100050   20029111100050   200291111100050   200291111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   20029111110050   200291111110050   200291111110050   200291111110050   200291111110050   200291111110050   200291111110050   2002911111110050   2002911111110050   2002911111110050   2002911111110050   2002911111110050			·
Co., OFF., SR., Jan. J. P., 2002411100302, 20020111100302, 2002011	CS_OFFL_SIR_LRM_1B_20220811T095227_20220811T095250_E001	Loss of echo	The tracking echo is missing for one or more records
See of services   See of ser	CS_OFFL_SIR_LRM_1B_20220811T095547_20220811T095638_E001	Loss of echo	The tracking echo is missing for one or more records
Co., CPT_, SR_LEM_18_200009111704040_20020911110045_20101	CS_OFFL_SIR_LRM_1B_20220811T095955_20220811T100248_E001	Loss of echo	The tracking echo is missing for one or more records
Co. OFT. SR. LAM 18 2022911112285 (2022911112285 E001   Lear of who	CS_OFFL_SIR_LRM_1B_20220811T103029_20220811T103538_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_ER_UTM_18_20209911712099_2020911712091_2010  One of each Part (Man 10_2020911712091_2010101712091_2010)  One of each Part (Man 10_2020911712091_20101712091_2010)  Loss of each Part (Man 10_2020911712091_2020911712091_2010)  Loss of each Part (Man 10_2020911712091_2020917112091_2010)  Loss of each Part (Man 10_202091712091_2020917112091_2010)  Loss of each Part (Man 10_202091712091_2020917112091_2010]  Loss of each Part (Man 10_202091712091_2020917112091_2010]  Loss of each Part (Man 10_202091712091_2020917112091_2010]  Loss of each Part (Man 10_202091712091_2020917112091_201001)  Loss of each Part (Man 10_202091712091_202091712091_201001_20	CS_OFFL_SIR_LRM_1B_20220811T104240_20220811T111809_E001	Loss of echo	The tracking echo is missing for one or more records
CS_CPF_URI_MIN_18_20208111728915_20208117128915_CDC CS_CPF_URI_MIN_18_20208117128915_20208117128915_CDC CS_CPF_URI_MIN_18_20208117128915_20208117128915_CDC CS_CPF_URI_MIN_18_20208117128915_20208117128915_CDC CS_CPF_URI_MIN_18_20208117128915_20208117128915_CDC CS_CPF_URI_MIN_18_20208117128915_20208117128915_CDC CS_CPF_URI_MIN_18_20208117128915_20208117128915_CDC CS_CPF_URI_MIN_18_20208117128915_20208117128915_CDC CS_CPF_URI_MIN_18_20208117128915_CDC CS_CPF_URI_MIN_18_20208171728915_CDC CS	CS_OFFL_SIR_LRM_1B_20220811T121249_20220811T121442_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_UM_18_2020011712455_20200117125515_C001  CS_OFF_SR_UM_18_2020011713515_20200117135515_C001  CS_OFF_SR_UM_18_2020011713515_20200117135515_C001  CS_OFF_SR_UM_18_2020011713515_2020011713551_C001  CS_OFF_SR_UM_18_2020011713515_2020011713551_C001  CS_OFF_SR_UM_18_2020011713515_2020011713551_C001  CS_OFF_SR_UM_18_2020011713515_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_202001171351_C001  CS_OFF_SR_UM_18_2020011713515_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_C001  CS_OFF_SR_UM_18_2020011713515_C001  CS_OFF_SR_UM_18_2020011713552_20200117135315_C001  CS_OFF_SR_UM_18_2020011713552_20200117135315_C001  CS_OFF_SR_UM_18_2020011713552_20200117135315_C001  CS_OFF_SR_UM_18_2020011713552_20200117135315_C001  CS_OFF_SR_UM_18_2020011713552_20200117135315_C001  CS_OFF_SR_UM_18_2020011715552_2020011715552_C001  CS_OFF_SR_UM_18_2020011715552_2020011715552_C001  CS_OFF_SR_UM_18_2020011715552_2020011715552_C001  CS_OFF_SR_UM_18_2020011715552_C001  CS_OFF_SR_UM_18_2020011715552_C001  CS_OFF_SR_UM_18_2020011715552_C001  CS_OFF_SR_UM_18_2020011715552_C001  CS_OFF_SR_UM_18_2020011715552_C001  CS_OFF_SR_UM_18_2020011715552_C001  CS_OFF_SR_UM_18_20200011715552_C001  CS_OFF_SR_UM_18	CS_OFFL_SIR_LRM_1B_20220811T122229_20220811T123455_E001	Loss of echo	The tracking echo is missing for one or more records
See OPE, SER, LYM, 18, 20200911113000, 20200911114015 Loss of beha De tracking onto is massing for one or more records OC, OFE, SER, LYM, 19, 2020011114000, 2020091111409 Corol Loss of deha De tracking cent is massing for one or more records OC, OFE, SER, LYM, 19, 2020091114000, 202009111409 Corol Loss of deha De tracking cent is massing for one or more records OC, OFE, SER, LYM, 19, 2020091114000, 2020091114000 Loss of exhab De tracking cent is massing for one or more records OC, OFE, SER, LYM, 19, 2020091114000, 2020091114000 Loss of exhab De tracking cent is massing for one or more records OC, OFE, SER, LYM, 19, 2020091114000, 2020091114000 Loss of exhab De tracking cent is massing for one or more records OC, OFE, SER, LYM, 19, 2020091114000, 2020091114000 Loss of exhab De tracking cent is massing for one or more records OC, OFE, SER, LYM, 19, 2020091114000, 2020091117000 Loss of exhab De tracking cent is massing for one or more records OC, OFE, SER, LYM, 19, 2020091117000 LOSS OCCUPANT OF EXHAUST COLOR OF The tracking cent is massing for one or more records OC, OFE, SER, LYM, 19, 20200911710000, 2	CS_OFFL_SIR_LRM_1B_20220811T123616_20220811T123904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LRN_10_2020911113002_0020911113054_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_20209111140102_0020911114055_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_20209111140102_00209111140725_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911114002_00209111140725_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911114002_00209111140725_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911114002_00209111140725_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911114002_00209111100725_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911110072_00209111100725_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911110072_00209111100725_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911110072_0020911110072_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911110072_00209111100747_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911110072_00209111100742_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020911110072_00209111100742_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_20209111100742_20209111100742_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_20209111100742_20209111100752_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_20209111100742_20209111100752_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_20209111100742_202091111007752_E010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRN_10_2020209111100742_20209111100752_E010	CS_OFFL_SIR_LRM_1B_20220811T124345_20220811T125039_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_18_20220911114012_20220911140132_E010	CS_OFFL_SIR_LRM_1B_20220811T125041_20220811T125811_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SRL_RN_18_20220911114012_20220911114078_ED01	CS_OFFL_SIR_LRM_1B_20220811T133000_20220811T134415_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LRW_18_20220811714281_20220817174292_2022081714293_E001  CS_OFF_SR_LRW_18_2022081714293_2022081714393_E001  CS_OFF_SR_LRW_18_2022081714293_2022081714393_E001  CS_OFF_SR_LRW_18_2022081714293_2022081714393_E001  CS_OFF_SR_LRW_18_2022081714293_2022081714393_E001  CS_OFF_SR_LRW_18_2022081714293_2022081714393_E001  CS_OFF_SR_LRW_18_2022081714293_2022081716093_E001  CS_OFF_SR_LRW_18_2022081714293_2022081716093_E001  CS_OFF_SR_LRW_18_2022081716093_2022081716093_E001  CS_OFF_SR_LRW_18_2022081716093_2022081716094_E001  CS_OFF_SR_LRW_18_2022081716094_2022081716094_E001  CS_OFF_SR_LRW_18_2022081716094_2022081716094_E001  CS_OFF_SR_LRW_18_2022081716094_2022081716094_E001  CS_OFF_SR_LRW_18_202208170094_2022081716094_E001  CS_OFF_SR_LRW_18_202208170094_2022081716094_E001  CS_OFF_SR_LRW_18_202208170094_2022081716094_E001  CS_OFF_SR_LRW_18_202208170094_2022081716094_E001  CS_OFF_SR_LRW_18_202208170094_2022081716094_E001  CS_OFF_SR_LRW_18_202208170094_202208170094_E001  CS_OFF_SR_LRW_18_202208170094_202208170094_E001  CS_OFF_SR_LRW_18_202208170094_202208170094_E001  CS_OFF_SR_LRW_18_202208170094_202208170094_E001  CS_OFF_SR_LRW_18_202208170094_200094  CS_OFF_SR_LRW_18_202208170094_20009470094_E001  CS_OFF_SR_LRW_18_20220817170094_20009471710094_E001  CS_OFF_SR_LRW_18_20220817170094_20009471710095_E001  CS_OFF_SR	CS_OFFL_SIR_LRM_1B_20220811T135150_20220811T135354_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LRM_18_20228811174000_20228111145075_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_202288111740597_20228111145079_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_202288111740599_202288111740579_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740599_202288111740599_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740599_20228811740644_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740642_20228811740644_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740642_20228811740644_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740642_20228811740644_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740642_20228811740642_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740649_20228811740642_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740649_20228811740642_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740649_20228811740645_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740644_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811740644_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_202288117474792_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_202288117474792_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811747492_E001 Lose of echo The tracking acho is missing for one or more records  CS_OFF_SR_LRM_18_20228811747492_E001 Lose of echo The tracking acho is missing for one or mo	CS_OFFL_SIR_LRM_1B_20220811T140126_20220811T141456_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LRW_18_202208111746302_20220811715575_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_20220811746392_20220811715575_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_2022081174699_20220811715575_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_2022081716992_20220811716992_2020811716992_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_2022081716992_20220811716994_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_2022081716994_20220811716994_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_2022081716994_20220811716994_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_2022081716994_20220811716994_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_20220811716994_20220811716995_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_20220811716994_20220811716995_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_20220811716995_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_20220811716995_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_20220811716995_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_20220811716995_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_20220811716995_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_20220811716995_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_202208117171716_E001_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFF_SR_LRW_18_202208117171716_E00220811771776_E001 Loss of echo The tracking echo is missing for one or more r	CS OFFL SIR LRM 1B 20220811T141813 20220811T142735 E001	Loss of echo	The tracking echo is missing for one or more records
GS_OFF_SR_LRM_18_20220811174529_20220811714549_501 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_2022081174999_2022081179070_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_20220811716049_20220811716049_E001 Loss of exho The tracking exho is missing for one or more records The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_20220811716049_20220811716049_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_20220811716049_20220811716044_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_20220811716044_20220811716044_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_20220811716044_20220811716044_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_20220811716044_20220811716044_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_20220811716040_20220811716042_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_20220817160404_20220811716042_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_2022081716041_20220811716043_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_2022081716041_20220811716143_E001 Loss of exho The tracking exho is missing for one or more records GS_OFF_SR_LRM_18_2022081716041_20220811716143_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_202208171716442_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20220817176442_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20220817176442_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20220817176442_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20220817176442_E001 Loss of exho Th		Loss of echo	
CS_OFF_LSR_LRM_1B_20220811714939_2020811716970_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220817160489_20220811716975_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716049_20220811716045_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716049_20220811716045_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716045_20220811716045_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716045_20220811716045_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716045_20220811716045_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716045_20220811716045_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716045_20220811716035_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716041_20220811716135_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716041_20220811716135_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716346_20220811716135_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716346_2022081171635_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_2022081171644_2022081171639_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_2022081171644_2022081171649_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716406_2022081171649_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_LSR_LRM_1B_20220811716440_20220811717449_E001  Loss of echo  The tracking echo is missing for		Loss of echo	
CS_OFF_SIR_LRM_18_20220811716349_20220811718378_ED01  CS_OFF_SIR_LRM_18_20220811716249_20220811718049_ED01  CS_OFF_SIR_LRM_18_20220811716049_20220811718049_ED01  CS_OFF_SIR_LRM_18_20220811716049_2022081718049_ED01  CS_OFF_SIR_LRM_18_20220817176049_2022081718049_ED01  CS_OFF_SIR_LRM_18_20220817176049_2022081718049_ED01  CS_OFF_SIR_LRM_18_20220817176049_2022081718049_ED01  CS_OFF_SIR_LRM_18_20220817176049_2022081718049_ED01  CS_OFF_SIR_LRM_18_20220817176049_2022081718049_ED01  CS_OFF_SIR_LRM_18_20220817176049_20220817764948_ED01  CS_OFF_SIR_LRM_18_20220817774749_ED01  CS_OFF_SIR_LRM_18_20220817774749_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777749_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777749_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777749_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777749_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777749_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777499_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777499_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777499_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777499_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777499_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777499_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777499_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777499_ED01  CS_OFF_SIR_LRM_18_2022081777494_2022081777499_ED01  CS_OFF_SIR_LRM_18_2022081777494_202208177949_ED01  CS_OFF_SIR_LRM_18_2022081777494_202208177949_ED01  CS_OFF_SIR_LRM_18_2022081777494_202208177949_ED01  CS_OFF_SIR_LRM_18_202208177949_ED01  CS_OFF_SIR_LRM_18_202208177949			
CS_OFFL_SR_LRM_18_20220811T162982_20220811T162975_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_20220811T16042_20220811T16043_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T176042_2022081T16043_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T176042_2022081T176043_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T176045_2022081T16095_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T176095_2022081T176095_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T176095_2022081T176035_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T176095_2022081T1761035_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T1762947_2022081T176135_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T1762947_2022081T176295_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T1762947_2022081T176295_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T1772177_2022081T177635_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T1772472_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T1777853_2022081T177439_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T177853_2022081T177851_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T177843_2022081T178735_ED01  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_18_2022081T178783_2022081T178738_ED01  Loss of echo The tracking echo is missing for one or more record			
CS_OFFL_SIR_LRM_18_20220811T160452_20220811T160445_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160442_20220811T160445_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160442_20220811T160448_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160448_20220811T160448_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160448_20220811T160458_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160448_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160448_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160448_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160448_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160448_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T160448_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T1740448_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T174046_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T174046_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T174046_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T174046_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T174046_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20220811T176048_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20			
CS_OFFL_SIR_LRM_18_20220811T100430_20220811T100440_E001			
CS_OFF_SIR_LRM_IB_2022811T160442_2022811T160458_E001  CS_OFF_SIR_LRM_IB_2022081T1760450_202281T1760458_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T1760045_2022081T1760052_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T1760056_2022081T1760052_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T1760056_2022081T1761035_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T1760056_2022081T176137_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T176047_2022081T176137_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T176346_2022081T176345_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T176346_2022081T1764246_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T1776350_E002081T1774705_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T177465_2022081T1774705_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T177465_2022081T177535_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T177645_2022081T177535_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T176165_2022081T177635_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T176062_2022081T176374_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T176062_2022081T176364_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T179006_2022081T179080_E001  Loss of exho  The tracking exho is missing for one or more records  CS_OFF_SIR_LRM_IB_2022081T17			
CS_OFFL_SIR_LRM_18_2022811T160846_2022811T160924_E001  CS_OFFL_SIR_LRM_18_2022811T160840_2022811T160924_E001  CS_OFFL_SIR_LRM_18_2022811T160806_2022811T160924_E001  CS_OFFL_SIR_LRM_18_2022811T160806_2022811T160924_E001  CS_OFFL_SIR_LRM_18_2022811T160806_2022811T160925_E001  CS_OFFL_SIR_LRM_18_2022811T160806_2022811T160135_E001  CS_OFFL_SIR_LRM_18_2022811T161142_2022811T161137_E001  CS_OFFL_SIR_LRM_18_2022811T161142_2022811T161137_E001  CS_OFFL_SIR_LRM_18_2022811T161143_2022811T161137_E001  CS_OFFL_SIR_LRM_18_2022811T161143_2022811T161138_E001  CS_OFFL_SIR_LRM_18_2022811T161143_2022811T161138_E001  CS_OFFL_SIR_LRM_18_2022811T16143_2022811T16138_E001  CS_OFFL_SIR_LRM_18_2022811T16143_2022811T16138_E001  CS_OFFL_SIR_LRM_18_2022811T16143_2022811T1638_E001  CS_OFFL_SIR_LRM_18_20228011T171140_2022811T17638_E001  CS_OFFL_SIR_LRM_18_20228011T17147456_2022811T174428_E001  CS_OFFL_SIR_LRM_18_20228011T174456_2022811T174456_E001  CS_OFFL_SIR_LRM_18_20228011T174456_2022811T17456_E001  CS_OFFL_SIR_LRM_18_20228011T17456_2022811T175515_E001  CS_OFFL_SIR_LRM_18_20228011T17456_2022811T175515_E001  CS_OFFL_SIR_LRM_18_20228011T17458_20228011T175515_E001  CS_OFFL_SIR_LRM_18_20228011T176516_20228011T187511_E001  CS_OFFL_SIR_LRM_18_20228011T18656_20228011T186141_E001  CS_OFFL_SIR_LRM_18_20228011T186148_20228011T186201_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T186201_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T186201_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T186201_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T186201_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T186201_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T186201_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T186201_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T18606_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T18606_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T18606_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T18606_E001  CS_OFFL_SIR_LRM_18_20228011T18606_20228011T16066_E001  CS_OFFL_SIR_LRM_18_20228011T16066_20228011T20656_E001  C			
CS_OFFL_SIR_LRM_18_202208117160950_202208117160952_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202208117160950_20220811716095_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811716104_20220811716105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202208117162047_20220811716175_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202208117162047_20220811716329_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202208117162047_20220811716329_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811717192_20220811717639_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081171722_20220811717639_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202208117174684_202208117176355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_202208117174814_202208117176355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811718414_20208117176355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811718616_20220811718616_20020811718616_20020817176355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811718616_20220811718616_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811718616_20020811718616_2001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811719000_20220811719261_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811719263_20020811719260_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811719000_202208117120556_E001 Loss of echo The tracking echo i			
CS_OFFL_SIR_LRM_18_202208117160950_202208117161035_E001  CS_OFFL_SIR_LRM_18_202208117161041_202208117161035_E001  CS_OFFL_SIR_LRM_18_202208117161041_202208117161375_E001  CS_OFFL_SIR_LRM_18_20220811716244_20220811716336_E001  CS_OFFL_SIR_LRM_18_20220811716244_20220811716339_E001  CS_OFFL_SIR_LRM_18_20220811716244_20220811716339_E001  CS_OFFL_SIR_LRM_18_20220811716244_20220811716339_E001  CS_OFFL_SIR_LRM_18_2022081171716246_E001  CS_OFFL_SIR_LRM_18_20220811717247_20220811717403_E001  CS_OFFL_SIR_LRM_18_202208117174632_E0020811717408_E001  CS_OFFL_SIR_LRM_18_202208117174632_E0020811717408_E001  CS_OFFL_SIR_LRM_18_202208117174530_202208117175513_E001  CS_OFFL_SIR_LRM_18_202208117174530_202208117175513_E001  CS_OFFL_SIR_LRM_18_20220811718638_20220811718611_E001  CS_OFFL_SIR_LRM_18_20220811718638_20220811718611_E001  CS_OFFL_SIR_LRM_18_20220811718638_20220811718611_E001  CS_OFFL_SIR_LRM_18_20220811718638_20220811718611_E001  CS_OFFL_SIR_LRM_18_20220811718638_20220811718611_E001  CS_OFFL_SIR_LRM_18_20220811718630_2020811718611_E001  CS_OFFL_SIR_LRM_18_20220811718638_20220811718631_E001  CS_OFFL_SIR_LRM_18_20220811718638_20220811718630_E001  CS_OFFL_SIR_LRM_18_20220811718638_20220811718630_E001  CS_OFFL_SIR_LRM_18_20220811718633_20220811718630_E001  CS_OFFL_SIR_LRM_18_20220811718633_20220811718630_E001  CS_OFFL_SIR_LRM_18_202208117193038_2001  CS_OFFL_SIR_LRM_18_202208117193038_2001  CS_OFFL_SIR_LRM_18_202208117193762_2020811719306_E001  CS_OFFL_SIR_LRM_18_202208117193762_2020811719306_E001  CS_OFFL_SIR_LRM_18_20220811719306_2001  CS_OFFL_SIR_LRM_18_202208117193076_2001  CS_OFFL_SIR_LRM_18_20220811710638_2001  CS_OFFL_SIR_LRM			
CS_OFFL_SIR_LRM_18_20220811T16104_2022081T161035_E001  CS_OFFL_SIR_LRM_18_2022081T16104_2022081T161035_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T1610339_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T176339_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T171116_2032081T176339_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T177117639_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T17714765_E0022081T177429_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T1774565_E0022081T177439_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T1774565_E0022081T1774535_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T177450_2022081T1775355_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T171840_2022081T1775355_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T17181611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T17181618_20220811T181611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T17181618_20220811T181611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T17181611_E002081T181611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T17181742_E022081T1718203_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T17180742_202081T1718030_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2022081T1720742_2022081T1718030_E001			
CS_OFFL_SIR_LRM_1B_20220811T16114_2022081T16152_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T161142_20220811T161533_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T176247_2022081T17639_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T1717459_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T1717459_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T177469_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T177459_E02081T177459_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T177459_E02081T1775515_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T1715439_E022081T175515_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T178549_E002081T178513_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T178569_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T17817859_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T17817849_E002081T17817849_E002081T1782611_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T179060_E002081T1792611_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T179060_E002081T1792611_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T179079_E002081T179308_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T179079_E002081T179308_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022081T172074_2022081T179308_E001 L			
CS_OFFL_SIR_LRM_18_20220811T161143_20220811T163839_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811T163846_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811T171116_20220811T1717103_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811T174866_20220811T17480_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811T174866_20220811T174706_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20220811T174866_2022081T174706_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T174866_2022081T175355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T178459_2022081T175355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T181556_2022081T18181611_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T1816162_2022081T181744_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T181748_2022081T180446_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T180480_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T192633_2022081T192630_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T1792632_2022081T192630_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T1792742_2022081T1793026_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T1790509_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T17050509_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2022081T1706303_2022081T1705			The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T162947_2022081T176395_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T176146_E0020811T17639_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T177427_20220811T17639_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T174722_20220811T17449_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T174656_20220811T17476_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T174914_20220811T175513_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T181556_20220811T181611_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T181618_20220811T181614_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T181618_20220811T181614_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T1810008_20220811T18464_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T190008_20220811T19263_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T19263_20220811T19263_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T19263_20220811T192739_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T192632_20220811T193756_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T1204612_20220811T20556_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T20556_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220811T20560_20220811T20508_E001 Loss of echo The tracking echo is missing for one	CS_OFFL_SIR_LRM_1B_20220811T161041_20220811T161137_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T163846_20220811T17439_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T171716_20220811T1746_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T1746_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T1746_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T174540_20220811T175513_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181556_20220811T181511_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181556_20220811T181611_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T1816174_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T1816174_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192006_20220811T18436_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192061_20220811T19201_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T192739_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T192739_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T19306_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T1926147_20220811T20566_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T120668_20220811T20566_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T20668_20220811T210058_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T2	CS_OFFL_SIR_LRM_1B_20220811T161143_20220811T161715_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T17116_20220811T171639_E001  CS_OFFL_SIR_LRM_1B_2022081T1717417_20_E001  CS_OFFL_SIR_LRM_1B_2022081T1717417_20_E001  CS_OFFL_SIR_LRM_1B_2022081T1717417_20_E001  CS_OFFL_SIR_LRM_1B_2022081T1717485_E001  CS_OFFL_SIR_LRM_1B_2022081T1717481_2022081T177555_E001  CS_OFFL_SIR_LRM_1B_2022081T1717481_2022081T175555_E001  CS_OFFL_SIR_LRM_1B_2022081T17181563_2022081T1717551_E001  CS_OFFL_SIR_LRM_1B_2022081T17181563_2022081T1718571_E001  CS_OFFL_SIR_LRM_1B_2022081T17181563_2022081T17181511_E001  CS_OFFL_SIR_LRM_1B_2022081T17181563_2022081T17181511_E001  CS_OFFL_SIR_LRM_1B_2022081T17181563_2022081T17181563_E001  CS_OFFL_SIR_LRM_1B_2022081T1719006_2022081T17182611_E001  CS_OFFL_SIR_LRM_1B_2022081T1719006_2022081T17192611_E001  CS_OFFL_SIR_LRM_1B_2022081T17192633_2022081T17192630_E001  CS_OFFL_SIR_LRM_1B_2022081T17192630_E001  CS_OFFL_SIR_LRM_1B_2022081T17192730_E001  CS_OFFL_SIR_LRM_1B_2022081T1719300_2022081T1719306_E001  CS_OFFL_SIR_LRM_1B_2022081T1719300_2022081T1719306_E001  CS_OFFL_SIR_LRM_1B_2022081T1719300_2022081T1719306_E001  CS_OFFL_SIR_LRM_1B_2022081T1719300_2022081T1719306_E001  CS_OFFL_SIR_LRM_1B_2022081T1720559_2022081T17205145_E001  CS_OFFL_SIR_LRM_1B_2022081T1720559_2022081T17205506_E001  CS_OFFL_SIR_LRM_1B_2022081T1720559_2022081T17205606_E001  CS_OFFL_SIR_LRM_1B_2022081T1720559_2022081T17205606_E001  CS_OFFL_SIR_LRM_1B_2022081T1720559_2022081T1720038_E001  CS_OFFL_SIR_LRM_1B_2022081T1720559_2022081T1720038_E001  CS_OFFL_SIR_LRM_1B_2022081T1720559_2022081T1720038_E001  CS_OFFL_SIR_LRM_1B_2022081T17205000_202081T17210038_E001  CS_OFFL_SIR_LRM_1B_2022081T17210000_202081T17210030_E001  CS_OFFL_SIR_LRM_1B_2022081T17210000_202081T17210030_E001  CS_OFFL_SIR_LRM_1B_2022081T17210000_202081T17210030_E001  CS_OFFL_SIR_LRM_1B_2022081T17210000_202081T17210000_E001  CS_OFFL_SIR_LRM_1B_2022081T17210000_202081T17210000_E001  CS_OFFL_SIR_LRM_1B_2022081T17210000_202081T17210000_E001  CS_OFFL_SIR_LRM_1B_2022081T17210000_0000000000000000000000000000000	CS_OFFL_SIR_LRM_1B_20220811T162947_20220811T163839_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T174181_20220811T174429_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T174814_20220811T175513_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T175430_20220811T175513_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181555_20220811T181611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181618_20220811T181611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T18148_20220811T181446_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192631_2022081T192630_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T192630_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T193036_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T193036_2020811T193056_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T20417_20220811T205521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205508_20220811T205521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205508_20220811T200580_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T200508_20220811T200580_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T20033_2022081T20033_2022081T20033_2022081T20033_202208	CS_OFFL_SIR_LRM_1B_20220811T163846_20220811T164246_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T174866_20220811T1747555_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T175430_20220811T175513_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181561_E0020811T181611_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181656_20220811T181611_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181618_20220811T181614_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181614_E0020811T181644_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192611_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192613_20220811T192613_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T19263_2020811T192630_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T19330_2020811T19308_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T19300_20220811T193756_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T193100_20220811T2055145_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T2065147_20220811T2055145_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T206560_20220811T205500_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210333_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210070_2020811T210338_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210070_2020811T21033_E001 Loss of echo The tracking echo is missing for one or more	CS_OFFL_SIR_LRM_1B_20220811T171116_20220811T171639_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20220811T174814_20220811T175355_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T181566_20220811T181611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T181618_20220811T181741_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T181748_20220811T181741_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T199006_20220811T192611_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T192613_20220811T192630_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T192633_20220811T192739_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T192633_20220811T193739_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T192742_20220811T193756_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T204812_20220811T193756_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T204812_20220811T20545_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T205509_20220811T205560_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T205600_2020811T210568_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T20422_2020811T21058_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T2103242_20220811T21038_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20220811T21033_20220811T21003_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220811T172127_20220811T174429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T19543_20220811T18551_E001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181556_20220811T18151_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T181748_20220811T184346_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T190006_20220811T192611_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192613_20220811T192630_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T192630_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T192739_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T193736_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T193100_20220811T193756_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T20559_20220811T1205606_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T20568_20220811T120568_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T21042_20220811T21058_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T21058_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T21038_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210933_20220811T210904_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T210904_E001 Loss of echo The tracking ech	CS_OFFL_SIR_LRM_1B_20220811T174656_20220811T174706_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220811T181556_20220811T181611_E001  CS_OFFL_SIR_LRM_18_20220811T181618_20220811T181741_E001  CS_OFFL_SIR_LRM_18_20220811T181748_20220811T181741_E001  CS_OFFL_SIR_LRM_18_20220811T181748_20220811T189611_E001  CS_OFFL_SIR_LRM_18_20220811T192613_20220811T192611_E001  CS_OFFL_SIR_LRM_18_20220811T192613_20220811T192630_E001  CS_OFFL_SIR_LRM_18_20220811T192613_20220811T192739_E001  CS_OFFL_SIR_LRM_18_20220811T192742_20220811T192739_E001  CS_OFFL_SIR_LRM_18_20220811T192742_20220811T193026_E001  CS_OFFL_SIR_LRM_18_20220811T192742_20220811T193756_E001  CS_OFFL_SIR_LRM_18_20220811T193100_20220811T193756_E001  CS_OFFL_SIR_LRM_18_20220811T205145_E001  CS_OFFL_SIR_LRM_18_20220811T205147_20220811T205521_E001  CS_OFFL_SIR_LRM_18_20220811T205559_20220811T2055606_E001  CS_OFFL_SIR_LRM_18_20220811T205608_20220811T20058E_001  CS_OFFL_SIR_LRM_18_20220811T205608_20220811T20038_E001  CS_OFFL_SIR_LRM_18_20220811T205608_20220811T20038_E001  CS_OFFL_SIR_LRM_18_20220811T20700_20220811T210338_E001  CS_OFFL_SIR_LRM_18_20220811T210700_20220811T210821_E001  CS_OFFL_SIR_LRM_18_20220811T210700_20220811T210821_E001  CS_OFFL_SIR_LRM_18_20220811T210700_20220811T210821_E001  CS_OFFL_SIR_LRM_18_20220811T210708_20220811T210904_E001  CS_OFFL_SIR_LRM_18_20220811T210904_2020811T211007_E001  CS_OFFL_SIR_LRM_18_20220811T211255_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T211255_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T2110904_20020811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T2110904_2001  CS_OFFL_SIR_LRM_18_20220811T2110904_20020811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T2110904_20020811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T2110904_20020811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T211255_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T2110904_20020811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T211255_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T211255_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T211255_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T2110904_20020811T211005_E001  CS_OFFL_SIR_LRM_18_2022	CS_OFFL_SIR_LRM_1B_20220811T174814_20220811T175355_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20220811T181618_20220811T181744_E001  CS_OFFL_SIR_LRM_18_20220811T181748_20220811T184346_E001  CS_OFFL_SIR_LRM_18_20220811T190006_20220811T192611_E001  CS_OFFL_SIR_LRM_18_20220811T190006_20220811T192630_E001  CS_OFFL_SIR_LRM_18_20220811T192633_20220811T192630_E001  CS_OFFL_SIR_LRM_18_20220811T192633_20220811T192739_E001  CS_OFFL_SIR_LRM_18_20220811T192742_20220811T193026_E001  CS_OFFL_SIR_LRM_18_20220811T192742_20220811T193756_E001  CS_OFFL_SIR_LRM_18_20220811T193100_20220811T193756_E001  CS_OFFL_SIR_LRM_18_20220811T205147_20220811T193756_E001  CS_OFFL_SIR_LRM_18_20220811T205147_20220811T205521_E001  CS_OFFL_SIR_LRM_18_20220811T205559_20220811T205606_E001  CS_OFFL_SIR_LRM_18_20220811T205608_20220811T20538_E001  CS_OFFL_SIR_LRM_18_20220811T205608_20220811T210338_E001  CS_OFFL_SIR_LRM_18_20220811T20700_20220811T20730_E001  CS_OFFL_SIR_LRM_18_20220811T20700_20220811T20730_E001  CS_OFFL_SIR_LRM_18_20220811T20700_20220811T20730_E001  CS_OFFL_SIR_LRM_18_20220811T210700_20220811T20730_E001  CS_OFFL_SIR_LRM_18_20220811T210700_20220811T20904_E001  CS_OFFL_SIR_LRM_18_20220811T210700_20220811T20904_E001  CS_OFFL_SIR_LRM_18_20220811T210700_20220811T200904_E001  CS_OFFL_SIR_LRM_18_20220811T210700_20220811T210904_E001  CS_OFFL_SIR_LRM_18_20220811T210700_20220811T210904_E001  CS_OFFL_SIR_LRM_18_20220811T210904_20220811T21007_E001  CS_OFFL_SIR_LRM_18_20220811T21055_20220811T210070_E001  CS_OFFL_SIR_LRM_18_20220811T21055_20220811T21007_E001  CS_OFFL_SIR_LRM_18_20220811T21055_20220811T21007_E001  CS_OFFL_SIR_LRM_18_20220811T211255_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T210904_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T210904_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T210904_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T210904_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T210904_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T210904_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T210004_20220811T211005_E001  CS_OFFL_SIR_LRM_18_20220811T210004_20220811T211005_E001  CS_OFFL_SI	CS_OFFL_SIR_LRM_1B_20220811T175430_20220811T175513_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T181748_20220811T192611_E001  CS_OFFL_SIR_LRM_1B_20220811T192613_20220811T192630_E001  CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T192739_E001  CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T192739_E001  CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T192739_E001  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T193026_E001  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T193026_E001  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T193026_E001  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T193076_E001  CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T205521_E001  CS_OFFL_SIR_LRM_1B_20220811T20559_20220811T205506_E001  CS_OFFL_SIR_LRM_1B_20220811T205608_20220811T205506_E001  CS_OFFL_SIR_LRM_1B_20220811T205608_20220811T20058_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more rec	CS_OFFL_SIR_LRM_1B_20220811T181556_20220811T181611_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T192613_20220811T192630_E001  CS_OFFL_SIR_LRM_1B_20220811T192613_20220811T192630_E001  CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T192739_E001  CS_OFFL_SIR_LRM_1B_20220811T192739_E001  CS_OFFL_SIR_LRM_1B_20220811T192732_20220811T193736_E001  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T193756_E001  CS_OFFL_SIR_LRM_1B_20220811T193100_20220811T193756_E001  CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T205145_E001  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T205521_E001  CS_OFFL_SIR_LRM_1B_20220811T205559_20220811T205606_E001  CS_OFFL_SIR_LRM_1B_20220811T205608_20220811T2058001  CS_OFFL_SIR_LRM_1B_20220811T205608_20220811T20038_E001  CS_OFFL_SIR_LRM_1B_20220811T2054060_E0020811T20038_E001  CS_OFFL_SIR_LRM_1B_20220811T205060_E0020811T20038_E001  CS_OFFL_SIR_LRM_1B_20220811T20700_20220811T210038_E001  CS_OFFL_SIR_LRM_1B_20220811T20700_20220811T210038_E001  CS_OFFL_SIR_LRM_1B_20220811T20700_20220811T210030_E001  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210030_E001  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210030_E001  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210030_E001  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210030_E001  CS_OFFL_SIR_LRM_1B_20220811T210803_2001  CSS_OFFL_SIR_LRM_1B_20220811T210803_2001  CSS_OFFL_SIR_LRM_1B_20220811T210803_2001  CSS_OFFL_SIR_LRM_1B_20220811T210803_2001  CSS_OFFL_SIR_LRM_1B_20220811T210904_2001  CSS_OFFL_SIR_LRM_1B_20220811T210904_2001  CSS_OFFL_SIR_LRM_1B_20220811T210904_20020811T21007_E001  CSS_OFFL_SIR_LRM_1B_20220811T21055_20220811T211005_E001  CSS_OFFL_SIR_LRM_1B_20220811T21055_E0020811T211005_E001  CSS_OFFL_SIR_LRM_1B_20220811T211555_20220811T211005_E001  CSS_OFFL_SIR_LRM_1B_20220811T211055_E0020811T211005_E001  CSS_OFFL_SIR_LRM_1B_20220811T211055_E0020811T211005_E001  CSS_OFFL_SIR_LRM_1B_20220811T211055_E0020811T211005_E001  CSS_OFFL_SIR_LRM_1B_20220811T211055_E0020811T211005_E001  CSS_OFFL_SIR_LRM_1B_20220811T211055_E0020811T211005_E001  CSS_OFFL_SIR_LRM_1B_20220811T211055_E002081T211	CS_OFFL_SIR_LRM_1B_20220811T181618_20220811T181741_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T192613_20220811T192630_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T193756_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T1937100_20220811T193756_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T20551_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205547_20220811T205521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205559_20220811T205566_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T2105608_20220811T21058_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210338_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210706_20220811T210821_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210833_20220811T210904_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or mor	CS_OFFL_SIR_LRM_1B_20220811T181748_20220811T184346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T192613_20220811T192630_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T193756_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T1937100_20220811T193756_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T20551_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205547_20220811T205521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205559_20220811T205566_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T2105608_20220811T21058_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210338_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210706_20220811T210821_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210833_20220811T210904_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or mor		Loss of echo	
CS_OFFL_SIR_LRM_1B_20220811T192633_20220811T192739_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T193100_20220811T193756_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T205521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205509_20220811T205606_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205608_20220811T21058_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210242_20220811T21038_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210703_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210706_20220811T210821_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210833_20220811T210904_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T21070_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T21107_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more re	CS OFFL SIR LRM 1B 20220811T192613 20220811T192630 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T192742_20220811T193026_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T193100_20220811T205145_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T205145_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T205521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205559_20220811T205606_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205608_20220811T210058_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210242_20220811T210338_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210703_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210706_20220811T210904_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T2110904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T2110904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T211904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records		Loss of echo	
CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T205521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205147_20220811T205521_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205559_20220811T205606_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205608_20220811T210058_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210242_20220811T210338_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210703_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210706_20220811T210821_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210833_20220811T210904_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T211904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records			
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CS_OFFL_SIR_LRM_1B_20220811T205559_20220811T205606_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T205608_20220811T210058_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210242_20220811T210338_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210700_20220811T210703_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210706_20220811T210821_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210833_20220811T210904_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more 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			
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CS_OFFL_SIR_LRM_1B_20220811T210706_20220811T210821_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210833_20220811T210904_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T211007_E001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T211255_20220811T211305_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records			
CS_OFFL_SIR_LRM_1B_20220811T210833_20220811T210904_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T2110904_20220811T211007_E001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20220811T211255_20220811T211305_E001 Loss of echo The tracking echo is missing for one or more records			
CS_OFFL_SIR_LRM_1B_20220811T2110904_20220811T211007_E001 Loss of echo  CS_OFFL_SIR_LRM_1B_20220811T211255_20220811T211305_E001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records			The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T211255_20220811T211305_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220811T210833_20220811T210904_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T211007_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T212859_20220811T213940_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220811T211255_20220811T211305_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220811T212859_20220811T213940_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20220811T223919_20220811T224325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T224327_20220811T224417_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T224434_20220811T224624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220811T230536_20220811T234039_E001	Loss of echo	The tracking echo is missing for one or more records

#### 4.5 L1B Calibration Usage Check

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

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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 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 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 Applied 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.

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220811T043121_20220811T043838_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220811T174814_20220811T175355_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220811T204612_20220811T205145_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220811T210904_20220811T211007_E001	Echo 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 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 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.

Sea State Bias error: This flag is currently set in all L2 LRM products over ocean, indicating a problem with the sea state bias Due to a known anomaly, the sea state bias field is currently unfilled in all Baseline-E L2 LRM products. This anomaly will be resolved in the next IPF update.

Snow Depth Model error: This flag is currently set in all L2 SAR products over ocean, which fall outside of the extent of the current snow depth model. Currently the snow depth model is only available over the high-latitude Arctic. There is no model currently provided for the Antarctic or marginal Arctic regions. An updated model will be provided in the next IPF update.

Number of products with errors: 91

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220811T003358_20220811T003925_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_2_20220811T000358_20220811T000537_E001		There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T003125_20220811T003236_E001		There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T003926_20220811T003931_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T003938_20220811T003945_E001		There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T004403_20220811T005029_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T010259_20220811T010330_E001		There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T014215_20220811T014410_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220220811T015351_20220811T015554_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T021032_20220811T021143_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T021823_20220811T021831_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T021838_20220811T021844_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20220811T022250 20220811T022530 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220811T022647_20220811T022754_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220811T030346 20220811T030418 E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220811T032703_20220811T033518_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220811T034913_20220811T035028_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T035738_20220811T035742_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T040350_20220811T040530_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T043109_20220811T043120_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T045846_20220811T045850_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T045852_20220811T045918_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T052617_20220811T052654_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T052810_20220811T053047_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T054226_20220811T054406_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220811T070750 20220811T070942 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220811T072123_20220811T072404_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220811T075904_20220811T075947_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220811T081737_20220811T081829_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T081830_20220811T081932_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T082043_20220811T082223_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T084005_20220811T084257_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T084420_20220811T084619_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T084638_20220811T084951_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T085958_20220811T090358_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T094839_20220811T094841_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T095250_20220811T095529_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T095747_20220811T095857_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220811T095859 20220811T095915 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220811T095916_20220811T095955_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220811T102515 20220811T102914 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220811T103852_20220811T104240_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220811T112530_20220811T112824_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220811T113000_20220811T114030_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T120313_20220811T121011_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T122022_20220811T122228_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T123455_20220811T123616_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T123904_20220811T124345_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T132813_20220811T132959_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T134415_20220811T134850_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T140034_20220811T140125_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T141456_20220811T141812_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T144750_20220811T144949_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220811T152506_20220811T152742_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220811T153948_20220811T154108_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220811T155551_20220811T155824_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220811T155828_20220811T160252_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220811T163840_20220811T163845_E001	Snow depth model	falls outside of the extent of the current snow depth model

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CS_OFFL_SIR_SAR_220220811T170504_20220811T170648_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T171910_20220811T172126_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T184347_20220811T184637_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T185810_20220811T190005_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T202146_20220811T202626_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T203641_20220811T203909_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T204314_20220811T204612_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T210338_20220811T210513_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T210624_20220811T210659_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T211008_20220811T211255_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T211706_20220811T212506_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T212722_20220811T212813_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T213941_20220811T214042_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T220158_20220811T220535_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T221001_20220811T221002_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T221536_20220811T221946_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T224417_20220811T224432_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T224624_20220811T224944_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T224944_20220811T225352_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T225435_20220811T225540_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T234040_20220811T234242_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T234859_20220811T234904_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220811T234912_20220811T234917_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T235421_20220811T235827_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220811T235917_20220812T000001_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_220220811T022024_20220811T022249_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220811T035928_20220811T040350_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220811T103538_20220811T103852_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220811T121012_20220811T121248_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220811T121443_20220811T122022_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220811T134851_20220811T135149_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220811T202627_20220811T202954_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220811T220535_20220811T220856_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

#### 5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag 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.

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.

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.

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.

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.

Number of products with errors: 22

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220810T235904_20220811T000358_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T000537_20220811T003124_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T005029_20220811T010258_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T010331_20220811T012047_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T013440_20220811T013801_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_LRM_220220811T013810_20220811T014050_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T014410_20220811T015351_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T015554_20220811T021032_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T022754_20220811T023853_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T024623_20220811T030045_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220811T040530_20220811T042658_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T042803_20220811T043108_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T050542_20220811T052616_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T054406_20220811T061041_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T064133_20220811T070749_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20220811T072404_20220811T075748_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T080910_20220811T081628_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T082224_20220811T082359_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220811T090359_20220811T093917_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20220811T100900_20220811T102515_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T104240_20220811T111809_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T114031_20220811T114500_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220811T114533_20220811T120312_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20220811T122229_20220811T123455_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T123616_20220811T123904_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T124345_20220811T125039_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T125041_20220811T125811_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T131038_20220811T132813_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T133000_20220811T134415_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T140126_20220811T141456_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T141813_20220811T142735_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220811T144949_20220811T150700_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220811T151238_20220811T152049_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T154109_20220811T155551_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220811T162947_20220811T163839_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220811T163846_20220811T164246_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220811T164249_20220811T170503_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20220811T172127_20220811T174429_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_220220811T181618_20220811T181741_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220811T181748_20220811T184346_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2 _20220811T190006_20220811T192611_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_2 _20220811T193100_20220811T193756_E001	(Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error
CS OFFL SIR LRM 2 20220811T195007 20220811T202145 E001	(Retracker 2) Height Error (Retracker 2), Backscatter	for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more
CS OFFL SIR LRM 2 20220811T212859 20220811T213940 E001	Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model	records  There is a height and backscatter error for Retracker 2 and no DEM or
CS_OFFL_SIR_LRM_220220811T214042_20220811T220158_E001	unavailable  Height Error (Retracker 2), Backscatter	Slope Model was used for the location of one or more records  There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20220811T221946_20220811T223551_E001	Error (Retracker 2)  Height Error (Retracker 2), Backscatter	records  There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2), Packagetter Error	records  There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220220811T230536_20220811T234039_E001	(Retracker 3), Backscatter Error (Retracker 2)  Backscatter Error (Retracker 2),	for Retracker 3 for one or more records
CS_OFFL_SIR_SAR_220220811T000358_20220811T000537_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T003125_20220811T003236_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T004403_20220811T005029_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T010259_20220811T010330_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T012725_20220811T013253_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T013344_20220811T013440_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T014215_20220811T014410_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T015351_20220811T015554_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T021032_20220811T021143_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T022250_20220811T022530_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T022647_20220811T022754_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T030346_20220811T030418_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T030629_20220811T031331_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T032703_20220811T033518_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T034913_20220811T035028_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T040350_20220811T040530_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T044453_20220811T045004_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T045038_20220811T045210_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T052617_20220811T052654_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T052810_20220811T053047_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T054226_20220811T054406_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T062232_20220811T062957_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T062958_20220811T063022_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T063040_20220811T063311_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T070750_20220811T070942_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3)	

CS_OFFL_SIR_SAR_2_20220811T072123_20220811T072404_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T080057_20220811T080827_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T080850_20220811T080910_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T081737_20220811T081829_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T081830_20220811T081932_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T082043_20220811T082223_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T084005_20220811T084257_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T084420_20220811T084619_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T084638_20220811T084951_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T085958_20220811T090358_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T093917_20220811T093938_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T093950_20220811T094631_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T094631_20220811T094753_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T094839_20220811T094841_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T095250_20220811T095529_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T095747_20220811T095857_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T095916_20220811T095955_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T102515_20220811T102914_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T103852_20220811T104240_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T111809_20220811T112529_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T112530_20220811T112824_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T113000_20220811T114030_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T120313_20220811T121011_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T122022_20220811T122228_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T123455_20220811T123616_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T123904_20220811T124345_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T125812_20220811T125942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T125945_20220811T130422_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T130422_20220811T130531_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T132813_20220811T132959_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T134415_20220811T134850_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T140034_20220811T140125_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T141456_20220811T141812_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T143800_20220811T144440_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220811T144750_20220811T144949_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T152506_20220811T152742_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T153948_20220811T154108_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T155551_20220811T155824_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T155828_20220811T160252_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T161716_20220811T162356_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T170504_20220811T170648_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T171910_20220811T172126_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T175513_20220811T175721_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T175804_20220811T175849_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T175914_20220811T180412_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T184347_20220811T184637_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T185810_20220811T190005_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T193756_20220811T194612_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T202146_20220811T202626_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T203641_20220811T203909_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T204314_20220811T204612_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T210338_20220811T210513_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T210624_20220811T210659_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T211008_20220811T211255_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T211706_20220811T212506_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T213941_20220811T214042_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T220158_20220811T220535_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T221536_20220811T221946_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T224417_20220811T224432_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T224624_20220811T224944_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T224944_20220811T225352_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T225435_20220811T225540_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T225748_20220811T230535_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T234040_20220811T234242_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220811T235421_20220811T235827_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220811T235917_20220812T000001_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220811T003237_20220811T003357_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T004216_20220811T004403_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records

00.0551.010.010.0.0000044744044.00000447740040.5004	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_220220811T012048_20220811T012216_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T012320_20220811T012437_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T012623_20220811T012725_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T013254_20220811T013343_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220811T014050_20220811T014215_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220811T021143_20220811T021326_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T021856_20220811T021902_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T022024_20220811T022249_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T022531_20220811T022647_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T030046_20220811T030346_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T030418_20220811T030629_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T035029_20220811T035249_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T035810_20220811T035817_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T035928_20220811T040350_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T044101_20220811T044452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T045004_20220811T045038_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T045945_20220811T050109_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220220811T050207_20220811T050503_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220220811T052655_20220811T052704_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T053047_20220811T053319_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T053653_20220811T053700_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T054043_20220811T054226_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T061221_20220811T061555_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220220811T061558_20220811T062231_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T063022_20220811T063039_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T070942_20220811T071110_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T071608_20220811T071615_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T071944_20220811T072122_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T075748_20220811T075904_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T075947_20220811T080057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220811T080827_20220811T080849_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T084951_20220811T085109_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_2_20220811T085642_20220811T085957_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T094753_20220811T094838_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220811T095102_20220811T095226_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220811T100651_20220811T100859_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220811T102915_20220811T103029_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T103538_20220811T103852_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T114500_20220811T114532_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220811T121012_20220811T121248_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T121443_20220811T122022_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T125943_20220811T125944_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220811T130531_20220811T130835_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T130845_20220811T131038_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T134851_20220811T135149_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T135354_20220811T135452_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T135856_20220811T140033_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T142736_20220811T143002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220811T144440_20220811T144548_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T144645_20220811T144750_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T150700_20220811T151238_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220811T152049_20220811T152149_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220811T152742_20220811T152950_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T153800_20220811T153947_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T160458_20220811T160808_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220811T160808_20220811T160840_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220811T162356_20220811T162947_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220811T170649_20220811T170836_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T171041_20220811T171116_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T171640_20220811T171910_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T174707_20220811T174813_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220811T175721_20220811T175748_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220811T175850_20220811T175914_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records

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CS_OFFL_SIR_SIN_2_20220811T180412_20220811T181555_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220811T184637_20220811T184757_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T184857_20220811T185045_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T185647_20220811T185810_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T194613_20220811T195007_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220811T202627_20220811T202954_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T203524_20220811T203640_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T210514_20220811T210623_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220811T211306_20220811T211352_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220811T211355_20220811T211410_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220811T212506_20220811T212721_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220811T212813_20220811T212859_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220811T220535_20220811T220856_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T221412_20220811T221535_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220811T225540_20220811T225748_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T234242_20220811T234430_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220811T235311_20220811T235421_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records