

LRM

SAR

SARIN

LRM SAR SARIN LAND CONTINENTAL_ICE CLOSED_SEA OPEN_OCEAN

QA4EO Daily Report for OFFLINE data:

<u>28/02/2022</u>

IDEAS-QAHE®

CRYDSAT	QA4EO Daily Report	for OFFLINE data:	<u>28/02/2022</u>	IDEAS-QA4E
		1. Overview		
ſ		Oharda		Otatura
Report Production Date:	30-Mar-2022	Check Server check: science-pds.cryos	sat esa int	Status Nominal
		Server check: calval-pds.cryos		Nominal
Processor Used:	CryoSat Ice Processor	Product Software Chec		Nominal
Data Used:	L1B and L2 OFFLINE Data	Product Format Check		Nominal
Data USEU.	LTD and L2 OF FLINE Data	Product Header Analysi		Nominal
		Star Tracker Usage Che		Nominal
		L1B Tracking Flag Chec L1B Calibration Usage Ch		See Section 4.4 Nominal
		L1B & L2 Auxiliary Data File Usa		Nominal
		L1B & L2 Auxiliary Correction Er	-	Nominal
		L1B & L2 Measurement Confidence	e Data Check	See Section 4.8 and 5.5
		QCC Errors/ Warnings	i	See Section 6.1, 6.2 and 6.3
sion / Instrument News				
7-Feb-2022 None 8-Feb-2022 None				
-Mar-2022 Nothing planned				
		2. Global Coverage		
				Mode Coverage (%) LRM 67.6 SAR 19.2 SARIn 13.2
$A \land A \land$	₩-V·V_₩ V	$M = M \equiv M A = I A = I A$	j l	
	Mode Coverage		Surfa	се Туре
	Mode Coverage		Surfa	ce Type
	Mode Coverage		Surfa	се Туре
90%	Mode Coverage		Surfa	ce Type
90% 80%	Mode Coverage		Surfa	ce Type
90% 80% 70%	Mode Coverage		Surfa	ce Type
90%	Mode Coverage		Surfa	ce Type
90% 80% 70% 60% 50% 40%	Mode Coverage		Surfa	ce Type
90%	Mode Coverage	100% 90% 80% 70% 60% 50% 40%	Surfa	ce Type
90% 80% 70% 60%	Mode Coverage	100% 90% 80% 70% 60% 50% 40% 30%	Surfa	ce Type

3. Instrument Configuration

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

SIRAL - A

SIRAL instrument(s) in use:

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 NetCDF product file (.nc).

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:

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.

0

143

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

Number of products with errors:

Display Display <t< th=""><th>Product</th><th>Test Failed</th><th>Description</th></t<>	Product	Test Failed	Description
05 OFL SH, LMI 18.20220170527.2022221701425.2001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.202007070578.2022087010016.E001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.202007070788.2022087010021.E001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.2020027010032.E001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.2020227010032.20000141414.5001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.2020227010032.2000014214145.5001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.2020227010032.2000014210145.5001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.2020227010038.200001114145.5001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.2020227010038.20000110445.5001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.20202270100340.2000010445.5001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.20202270103408.20001010445.5001 Loss of lobo The tacking obs imasing to one or more records 05.0FTL_SEL_INL_18.202022701034	CS_OFFL_SIR_LRM_1B_20220228T003356_20220228T003431_E001	Loss of echo	The tracking echo is missing for one or more records
Co. DFL_SRL_UB_118_2022201700543_002202017010216_0001 Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_02202201700543_002202017010216_001 Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_02202201700573_0220202170101216_001 Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_02202201700573_022022017010143_0001 Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_02202201700573_02202201701014_0001 Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_02202201701013_0220201701014_LOSD Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_0220220170101_02202001701014_LOSD Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_02000201701024_D00001701014_LOSD Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_02000201701024_D00001701014_LOSD Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_02000201701034_D00001701034_LOSD Loss of exho The tracking exh is maxing for one more records Co. OFL_SRL_UB_118_020020201701034_D000021701344_D00001 Loss of exho The tracking exh is maxing for one more records	CS_OFFL_SIR_LRM_1B_20220228T003532_20220228T003623_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFL_SH_LEM_18_2022220105742_0202220105742_020222010582_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_20202201010512_02022201010519_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_20202201010512_02022201010519_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_2020220101051_202022201010519_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_2020220101051_2020220101051 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_2020220101052_2020120101052_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_2020220101052_202022010102004_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_202022010102004_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_202022010102004_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_202022010102004_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH_LAM_18_202022010102004_E001 Loss of echo The tracking echo is missing for one or more records CS_OFL_SH	CS_OFFL_SIR_LRM_1B_20220228T003627_20220228T004221_E001	Loss of echo	The tracking echo is missing for one or more records
cit 0.5 <td>CS_OFFL_SIR_LRM_1B_20220228T005430_20220228T005448_E001</td> <td>Loss of echo</td> <td>The tracking echo is missing for one or more records</td>	CS_OFFL_SIR_LRM_1B_20220228T005430_20220228T005448_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_LSRL_PAU_B Description The tracking exhibition The tracking exhibition CS_OFF_LSRL_PAU_B B202022021010162 202022201010162 Example CS_OFF_LSRL_PAU_B B20202201010162 202022201010162 Example CS_OFF_LSRL_PAU_B B20202201010162 202022201010162 Example CS_OFF_LSRL_PAU_B B202022010101062 202022010101062 Example CS_OFF_LSRL_PAU_B B202022010101062 Example Example CS_OFF_LSRL_PAU_B B2020220101010102 Example	CS_OFFL_SIR_LRM_1B_20220228T005729_20220228T010216_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SRL_PM_18_22222237010214_222223703144_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_2222223703244_22223702444_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_2222223702445_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_2222223702445_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_2222223702445_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_2222223702444_22222237024460_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_2222223703244_22222270324450_222217024450_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_22222270324450_2222270324450_22221703244_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_2222227030449_22222270324450_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_222222703244529_22222202203544_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_222222703244529_222222023703544_E001 Loss of echo The tracking acto is missing for one or more records CS_OFFL_SRL_PM_18_2222227035439_	CS_OFFL_SIR_LRM_1B_20220228T010439_20220228T010802_E001	Loss of echo	The tracking echo is missing for one or more records
GS OFFL SRL LEM 18 20222021034 Base of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 20222021031 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 20222021021 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 202222071021 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 202222071021 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 20222071021 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 2022207103244 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 2022207103244 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 2022207103549 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 2022207103549 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 20222207103549 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 20222207103549 Less of echo The tracking echo is missing for one or more records GS OFFL SRL LEM 18 20222207103549 Less of echo	CS_OFFL_SIR_LRM_1B_20220228T010807_20220228T010819_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LM_16_2022023101472_2022022102812028_E001 Loss of exho The tracking exhs insistig for on one recercis CS_OFF_SIR_LM_16_202220210065_202220210128_E001 Loss of exho The tracking exhs insistig for on one recercis CS_OFF_SIR_LM_16_202220210128_2022202210128_E001 Loss of exho The tracking exhs insistig for on one recercis CS_OFF_SIR_LM_16_202220210128_202202210128_E001 Loss of exho The tracking exhs insistig for one one recercis CS_OFF_SIR_LM_18_2022202101284_2022202201201490_E001 Loss of exho The tracking exhs insistig for one or more records CS_OFF_SIR_LM_18_20222021012940_20220210324_E001 Loss of exho The tracking exhs insistig for one or more records CS_OFF_SIR_LM_18_202222013013232_2022013241_202210 Loss of exho The tracking exhs insistig for one or more records CS_OFF_SIR_LM_18_20222201301324_202220130541_E001 Loss of exho The tracking exhs insistig for one or more records CS_OFF_SIR_LM_18_20222201301324_202220130130_E001 Loss of exho The tracking exhs insistig for one or more records CS_OFF_SIR_LM_18_20222201301312_20220220130540_E001 Loss of exho The tracking exhs insistig for one or more records CS_OFF_SIR_LM_18_20222201301312_2022020130540_E001 Loss of exho The tracking exhs insistig for one or more records CS_OFF_SIR_LM_18_20222201301324_20220220130540_E001 L	CS_OFFL_SIR_LRM_1B_20220228T010821_20220228T013145_E001	Loss of echo	The tracking echo is missing for one or more records
GS_OFFL_SIR_LEM_18_20220230120361_202202201701265_E001 Loss of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LEM_18_2022201701265_2001 Loss of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LEM_18_2022201701265_200120220170285_E001 Loss of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LEM_18_202220170155_2022201703400_E001 Loss of exho The tracking exho is missing for one or more records GS_OFFL_SIR_LEM_18_2022201703403_2022021703540_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_20222017034040_2022021703540_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2022201703540_2022021703540_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_20222201703540_2022021703540_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2022201703510_2022021703510_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2022201703510_2022021705259_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_2022201703521_2022021705259_E001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SIR_LEM_18_20	CS_OFFL_SIR_LRM_1B_20220228T013653_20220228T014149_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LPM_18_202202287021028_202287021028_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_2022287010184_2022022012034_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_202228703408_20220228703440_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_202228703408_2022028703470_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_2022228703408_20220228703534_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_2022028703440_20220228703549_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_2022028703449_202202703549_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_202202870347087_2022028703549_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_202202870347087_2022028705405_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_2022028705418_2022028705403_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_2022028705430_20220228705430_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SIR_LPM_18_	CS_OFFL_SIR_LRM_1B_20220228T014727_20220228T020949_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LRM_18_2022021021212_2022021021854_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221034054_2022021023054 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221034054_202202103400 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221033534_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221033534_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221033549_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022022103549_20220220103549_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221051542_20220220105540_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221055245_200221052529_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022022105540_20220220505249_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022022105540_20220220505340_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SI	CS_OFFL_SIR_LRM_1B_20220228T020951_20220228T021024_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SIR_LRM_18_2022021021694 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022022103224_20220133244_202202103400_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221034704_20220133254_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221034704_20220133406_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221035408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221035408_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221051634_2020221051054_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221051634_20202210521054_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022022105210544_202022105210529_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221052105218_200202105291_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220221052105218_200202105239_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_202202210520531_5032_E001 <td>CS_OFFL_SIR_LRM_1B_20220228T021026_20220228T021028_E001</td> <td>Loss of echo</td> <td>The tracking echo is missing for one or more records</td>	CS_OFFL_SIR_LRM_1B_20220228T021026_20220228T021028_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028103430_20202281034500_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220281034704_2022028103521_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022028103523_202002281035241_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022028103549_20200228103549_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022028103492_0200228103459_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022028105419_20202281040152_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022028105184_20220281052106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022028105142_0220281052106_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022028105341_202028105340_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022028105341_20202820105340_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_2022028105340_2022820105340_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF	CS_OFFL_SIR_LRM_1B_20220228T021212_20220228T021854_E001	Loss of echo	The tracking echo is missing for one or more records
GS_OFF_SR_LRM_1B_2022028T034702_202028T034702_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SR_LRM_1B_2022028T035743_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SR_LRM_1B_2022028T035549_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SR_LRM_1B_2022028T03549_2022028T03546_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SR_LRM_1B_2022028T03549_2022028T051502_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SR_LRM_1B_2022028T051642_2022028T051502_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SR_LRM_1B_2022028T051642_2022028T05259_E001 Loss of echo The tracking echo is missing for one or more records GS_OFF_SR_LRM_1B_2022028T052442_2022028T05230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_1B_2022028T05342_202028T053342_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_1B_2022028T05343_2020228T053432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_1B_2022028T05343_2020228T05343_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_1B_2022028T05434_20220228T05444_20220228	CS_OFFL_SIR_LRM_1B_20220228T021854_20220228T022034_E001	Loss of echo	The tracking echo is missing for one or more records
GS_OFF_SIR_LRM_18_2022028T034704_2022028T035431_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220228T035439_2022028T035434_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220228T035439_2022028T035439_2001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_20220228T051010_2022028T051502_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022028T05102_2022028T051205_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022028T05120_2022028T052105_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022028T05241_0220228T052410_2022028T052938_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022028T053413_2022028T053403_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022028T053416_2022028T053432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022028T05340_2022028T053432_E001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_18_2022028T053403_2022028T053432_E001 Loss of echo The tracking echo is missing for one or more records <tr< td=""><td>CS_OFFL_SIR_LRM_1B_20220228T032344_20220228T034500_E001</td><td>Loss of echo</td><td>The tracking echo is missing for one or more records</td></tr<>	CS_OFFL_SIR_LRM_1B_20220228T032344_20220228T034500_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028T035233_20220228T03540_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05439_20220228T05549_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T0510349_20220228T05102_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05103_20220228T05102_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05103_20220228T05103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T052103_2022028T052103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T052813_20220228T052830_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T052812_2022028T053830_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053812_2022028T053824_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T053812_2022028T053842_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T05380_2022028T053842_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T05380_2022028T079384_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T070384_2022028T079385_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T079384_20	CS_OFFL_SIR_LRM_1B_20220228T034503_20220228T034702_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_2022028T03540_2022028T035406_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T04007_2022028T040152_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T051100_2022028T05150_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T05120_2022028T052505_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T05120_2022028T052505_E001Loss of echoThe tracking echo is missing for one rore recordsCS_OFFL_SIR_LRM_18_2022028T052813_2022028T052813_E001Loss of echoThe tracking echo is missing for one rore recordsCS_OFFL_SIR_LRM_18_20220228T052813_2022028T05330_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T053402_2022028T053403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T053402_2022028T05342_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T053402_202028T05329_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T05343_2022028T070438_2022028T070438_2020228T070438_2020228T070448_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T070438_2022028T	CS_OFFL_SIR_LRM_1B_20220228T034704_20220228T035231_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LAM_18_2022028T03549_202028T040152_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2022028T05103_2022028T051052_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2022028T051052_20202820551052_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2022028T05129_2022028705219_2022028705295_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2022028T05219_2022028705291_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2022028705291_2022028705331_001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2022028705310_2020228705340_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2022028705310_2020228705340_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2022028705330_2020228705340_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2020228705350_20202287053730_20202287053748_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2020228707048_2020228707048_2020228707048_2020228707330_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2020228707048_2020228707048_2020228707330_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LAM_18_2020228707330_2020228707330_E001Loss of echoThe tracking echo is missing for one or more records<	CS_OFFL_SIR_LRM_1B_20220228T035233_20220228T035241_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T04007_2022028T04005_2001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05102_2022028T052105_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T052124_20220228T052529_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05213_2022028T052519_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05213_2022028T05230_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05313_2022028T05330_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05340_2022028T05340_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05340_2022028T05342_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05340_2022028T05342_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05340_2022028T05342_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T07348_2022028T073438_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T07348_2022028T073438_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T07348_20228E1073438_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T07348_20228E1073438	CS_OFFL_SIR_LRM_1B_20220228T035349_20220228T035406_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T051130_202228T051502_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T052143_20220228T052259_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T052414_20220228T0525918_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T052813_20220228T053331_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053331_2020228T053403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053432_E0022028T053432_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053432_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053432_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T054342_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070484_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070484_2020228T070484_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070484_20220228T070484_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070455_2020228T070455_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070455_2020228T070455_E001Loss of echo <td< td=""><td>CS_OFFL_SIR_LRM_1B_20220228T035439_20220228T035549_E001</td><td>Loss of echo</td><td>The tracking echo is missing for one or more records</td></td<>	CS_OFFL_SIR_LRM_1B_20220228T035439_20220228T035549_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T051624_20220228T052529_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05219_20228T052289_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T052813_20220228T052813_201Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05331_20220228T05333_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053400_2022028T053403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053400_2022028T053432_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05340_2022028T053432_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T05350_20220228T070342_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070348_20220228T070342_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070348_20220228T070345_20220228T070345_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073135_2020228T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073135_20220228T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073135_20220228T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_	CS_OFFL_SIR_LRM_1B_20220228T040007_20220228T040152_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220281052129_20220281052918_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220281052913_20220281052918_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028105391_20220281053918_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028105391_20220228105390_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228105390_20220228105390_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228105392_0220228105392_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228105393_0220228105393_2E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228105393_20220228105393_02202281005393_2E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202202281070348_202202281070345_20202281070345Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202202281070345_20202281070345_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202202281073135_2020228107335_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202202281073135_20202281073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202202281073135_20202281091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_L	CS_OFFL_SIR_LRM_1B_20220228T051130_20220228T051502_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_2022028105244_20220281052430_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028105301_20220281053301_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281053400_20220281053400_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281053400_20220281053402_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281053402_202281053402_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281053502_2022028105342_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281056332_2022028105342_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281070343_20220281070844_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281070348_20220281070348_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281070348_20220281073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281073137_20220281073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281073137_20220281073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028109103_20220281091132_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220281091132_2020281091132_	CS_OFFL_SIR_LRM_1B_20220228T051624_20220228T052105_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028T052819_2022028T05332Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T053321_2022028T053330_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T053402_2028T053403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T053632_2022028T053422_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T05502_2022028T053529_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T05503_2022028T070322_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T070438_2022028T07044_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070448_2022028T07044_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T07046_2022028T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T073135_2021028T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09105_2022028T091135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09103_202028T091132_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091103_202028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091103_2022028T091103_E001 <td>CS_OFFL_SIR_LRM_1B_20220228T052129_20220228T052259_E001</td> <td>Loss of echo</td> <td>The tracking echo is missing for one or more records</td>	CS_OFFL_SIR_LRM_1B_20220228T052129_20220228T052259_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T053321_2022028T053330_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053402_20228T053403_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053502_20220228T053529_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053730_20220228T053748_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053730_20220228T057348_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070848_2022028T070844_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070848_2022028T070906_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070846_2022028T070906_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073135_2022028T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091038_2022028T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091053_2022028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091032_20228T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091033_20220228T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T	CS_OFFL_SIR_LRM_1B_20220228T052444_20220228T052630_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_2022028T053400_2022028T053432_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T053502_2022028T053529_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T05373_02022028T053748_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T05373_02022028T053748_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T070438_2022028T070322_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T070448_2022028T070944_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T070446_20220228T070345_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T09133_20220228T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T091103_2022028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T091103_2022028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T091103_2022028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T091103_2022028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T091033_2022028T09	CS_OFFL_SIR_LRM_1B_20220228T052813_20220228T052918_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T053416_20220228T053529_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053502_20220228T053529_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T053730_20220228T053730_20220228T070232_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T07038_20220228T07038_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T07038_20220228T070396_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073105_20220228T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073137_20220228T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073137_20220228T073238_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T09303_20220228T0911051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091053_20220228T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091108_20220228T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091141_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091141_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091033	CS_OFFL_SIR_LRM_1B_20220228T053321_20220228T053330_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_2022028T053502_20228T053529_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T053730_2022028T053748_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T070438_2022028T070344_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T070448_2022028T070944_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T070446_2022028T070944_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T073135_2022028T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T073137_2022028T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_20220228T0910936_20220228T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T091053_2022028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T091103_2022028T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T091103_2022028T091124_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T091103_2022028T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T091033_20220228T092059_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_18_2022028T09303_20220	CS_OFFL_SIR_LRM_1B_20220228T053400_20220228T053403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T053730_20220228T07032_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070438_20220228T070844_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070846_20220228T070844_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T0703105_20220228T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073137_20220228T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T090936_20220228T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091053_2022028T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091053_2022028T09113_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091127_2022028T091127_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091127_2022028T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T09133_2020228T0921024_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091303_2020228T092059_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091303_2020228T092859_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022	CS_OFFL_SIR_LRM_1B_20220228T053416_20220228T053432_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028T065633_2022028T070438_20220228T070444_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T070446_2022028T070844_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T070846_2022028T070315_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T073135_2022028T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T073137_2022028T073338_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T090396_2022028T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091053_2022028T091133_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091108_2022028T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091127_2022028T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09163_2022028T091204_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T092852_2022028T092959_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220288T093003_2022028T093003_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220288T093003_2022028T093003_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220	CS_OFFL_SIR_LRM_1B_20220228T053502_20220228T053529_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T070438_2022028T070844_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T070846_2022028T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073135_2022028T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073137_2022028T073238_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T090936_2022028T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091053_2022028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091108_20220228T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091127_2022028T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091149_20220228T09124_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091633_20220228T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T09303_20220228T09303_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093003_20220228T093003_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093003_20220228T093003_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202202	CS_OFFL_SIR_LRM_1B_20220228T053730_20220228T053748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T070846_20220228T073096_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073135_20220228T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T073137_20220228T073238_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T0909036_20220228T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091053_20220228T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091108_20220228T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091127_2022028T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091127_2022028T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091149_2022028T091204_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091633_2020228T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T090303_2020228T092055_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T093003_2020228T093003_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T093012_202028T093005_E0020228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LR	CS_OFFL_SIR_LRM_1B_20220228T065633_20220228T070232_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028T073105_2022028T073135_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T073137_2022028T073238_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T090936_2022028T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091053_2022028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091108_2022028T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091127_2022028T091124_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091149_2022028T091204_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09163_2022028T0920114_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09163_2022028T092011Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09163_2022028T092028T09201Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09103_2022028T092028T092028T09201Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093003_2022028T093003_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093012_2022028T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093012_202	CS_OFFL_SIR_LRM_1B_20220228T070438_20220228T070844_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2020228T073137_2020228T073238_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2020228T09036_2020228T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091053_20220228T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091108_20220228T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091127_20220228T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091149_20220228T091204_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091633_20220228T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091633_20220228T09259_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T09303_20220228T09303_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093012_202228T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202202	CS_OFFL_SIR_LRM_1B_20220228T070846_20220228T070906_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028T090936_2022028T091051_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091053_2022028T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091108_2022028T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091127_2022028T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091149_2022028T09124_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091633_2022028T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091633_2022028T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091633_2022028T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T092852_2022028T092959_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09303_20220288T09303_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220288T09305_20220288T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220288T093012_2020288T09303_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202202288T093012_2020288T09303_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_202202288T093012_20202	CS_OFFL_SIR_LRM_1B_20220228T073105_20220228T073135_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T091053_20220228T091103_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091108_20220228T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091127_20220228T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091149_20220228T091204_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091633_20220228T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T092852_2022028T092959_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T09303_20220228T09303_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093012_2020228T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093012_202228T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_20220228T101708_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T073137_20220228T073238_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028T091108_2022028T091123_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091127_2022028T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091149_2022028T091204_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T091633_2022028T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T092852_2022028T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09303_2022028T092959_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09303_2022028T09303_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T093005_2022028T09309_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T093012_202208T09309_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093012_2022028T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_2022028T101708_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_2022028T101708_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T090936_20220228T091051_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T091127_20220228T091147_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091149_20220228T091204_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091633_20220228T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T092852_20220228T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T09303_20220228T092959_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T09303_20220228T09303_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093012_2022028T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T109318_20220228T10708_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_20220228T101708_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T091053_20220228T091103_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T091149_20220228T091204_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T091633_20220228T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T092852_2022028T092959_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T09303_20220228T09303_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T093005_2022028T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T093005_2022028T09309_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T093012_2022028T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T109318_2022028T10708_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_2022028T101708_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T091108_20220228T091123_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028T091633_20220228T092411_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_2022028T092852_20220228T092959_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T09303_20220228T093003_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093012_2022028T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_20220228T101708_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_20220228T101708_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T091127_20220228T091147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028T092852_2022028T092959_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093003_20220228T093003_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T0930012_2022028T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T109318_20220228T10708_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_20220228T10708_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T091149_20220228T091204_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_2022028T093003_20220228T093003_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T093012_20220228T094637_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_20220228T10708_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220228T100318_20220228T10708_E001Loss of echoThe tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T091633_20220228T092411_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220228T093012_20220228T094637_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220228T100318_20220228T10708_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T092852_20220228T092959_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T093012_20220228T094637_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220228T100318_20220228T101708_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T093003_20220228T093003_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T100318_20220228T101708_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T093005_20220228T093009_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220228T093012_20220228T094637_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220228T101928 20220228T103047 E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20220228T100318_20220228T101708_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20220228T101928_20220228T103047_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20220228T103240_20220228T103345_E001 CS_OFFL_SIR_LRM_1B_20220228T104819_20220228T105301_E001 CS OFFL SIR LRM 1B 20220228T105304 20220228T105309 E001 CS_OFFL_SIR_LBM_1B_20220228T105314_20220228T105330_E001 CS OFFL SIR LRM 1B 20220228T105333 20220228T105336 E001 CS OFFL SIR LRM 1B 20220228T105339 20220228T105641 E001 CS_OFFL_SIR_LRM_1B_20220228T105855_20220228T110912_E001 CS_OFFL_SIR_LRM_1B_20220228T115733_20220228T120300_E001 CS OFFL SIR LRM 1B 20220228T120544 20220228T121241 E001 CS_OFFL_SIR_LRM_1B_20220228T122644_20220228T123053_E001 CS_OFFL_SIR_LRM_1B_20220228T123055_20220228T123231_E001 CS OFFL SIR LRM 1B 20220228T123233 20220228T123249 E001 CS OFFL SIR LRM 1B 20220228T123252 20220228T123303 E001 CS OFFL SIR LRM 1B 20220228T123305 20220228T123306 E001 CS_OFFL_SIR_LRM_1B_20220228T123312_20220228T123430_E001 CS_OFFL_SIR_LRM_1B_20220228T123433_20220228T123437_E001 CS_OFFL_SIR_LRM_1B_20220228T123440_20220228T123448_E001 CS OFFL SIR LRM 1B 20220228T123452 20220228T123503 E001 CS_OFFL_SIR_LRM_1B_20220228T123535_20220228T123536_E001 CS_OFFL_SIR_LRM_1B_20220228T123538_20220228T123619_E001 CS OFFL SIR LRM 1B 20220228T124019 20220228T124046 E001 CS OFFL SIR LRM 1B 20220228T131801 20220228T134415 E001 CS OFFL SIR LRM 1B 20220228T134419 20220228T134419 E001 CS OFFL SIR LRM 1B 20220228T134422 20220228T134623 E001 CS_OFFL_SIR_LRM_1B_20220228T134626_20220228T134627_E001 CS OFFL SIR LRM 1B 20220228T134629 20220228T134657 E001 CS OFFL SIR LRM 1B 20220228T134950 20220228T135001 E001 CS_OFFL_SIR_LRM_1B_20220228T135003_20220228T135006_E001 CS_OFFL_SIR_LRM_1B_20220228T135008_20220228T135031_E001 CS OFFL SIR LRM 1B 20220228T141005 20220228T141551 E001 CS_OFFL_SIR_LRM_1B_20220228T141605_20220228T141608_E001 CS OFFL SIR LRM 1B 20220228T141611 20220228T141637 E001 CS OFFL SIR LRM 1B 20220228T141825 20220228T141905 E001 CS OFFL SIR LRM 1B 20220228T141907 20220228T144421 E001 CS_OFFL_SIR_LRM_1B_20220228T154818_20220228T155127_E001 CS OFFL SIR LRM 1B 20220228T155201 20220228T155400 E001 CS_OFFL_SIR_LRM_1B_20220228T155402_20220228T155402_E001 CS_OFFL_SIR_LRM_1B_20220228T155408_20220228T155410_E001 CS_OFFL_SIR_LRM_1B_20220228T155412_20220228T155414_E001 CS OFFL SIR LRM 1B 20220228T155416 20220228T155417 E001 CS OFFL SIR LRM 1B 20220228T155421 20220228T155438 E001 CS OFFL SIR LRM 1B 20220228T155440 20220228T155449 E001 CS_OFFL_SIR_LRM_1B_20220228T155451_20220228T160150_E001 CS_OFFL_SIR_LRM_1B_20220228T160153_20220228T160153_E001 CS OFFL SIR LRM 1B 20220228T160155 20220228T161235 E001 CS OFFL SIR LRM 1B 20220228T163202 20220228T163347 E001 CS_OFFL_SIR_LRM_1B_20220228T172618_20220228T172643_E001 CS_OFFL_SIR_LRM_1B_20220228T173016_20220228T173151_E001 CS OFFL SIR LRM 1B 20220228T173201 20220228T173313 E001 CS OFFL SIR LRM 1B 20220228T173636 20220228T173742 E001 CS OFFL SIR LRM 1B 20220228T174253 20220228T174638 E001 CS OFFL SIR LRM 1B 20220228T174648 20220228T174839 E001 CS_OFFL_SIR_LRM_1B_20220228T185203_20220228T185317_E001 CS OFFL SIR LRM 1B 20220228T191228 20220228T191403 E001 CS OFFL SIR LRM 1B 20220228T191516 20220228T191559 E001 CS_OFFL_SIR_LRM_1B_20220228T191604_20220228T191957_E001 CS_OFFL_SIR_LRM_1B_20220228T192047_20220228T192125_E001 CS OFFL SIR LRM 1B 20220228T192132 20220228T194308 E001 CS OFFL SIR LRM 1B 20220228T203052 20220228T203052 E001 CS OFFL SIR LRM 1B 20220228T203056 20220228T203115 E001 CS OFFL SIR LRM 1B 20220228T203118 20220228T203128 E001 CS_OFFL_SIR_LRM_1B_20220228T203130_20220228T203133_E001 CS_OFFL_SIR_LRM_1B_20220228T203135_20220228T203140_E001 CS OFFL SIR LRM 1B 20220228T203142 20220228T203158 E001 CS_OFFL_SIR_LRM_1B_20220228T203201_20220228T203219_E001 CS_OFFL_SIR_LRM_1B_20220228T203224_20220228T203315_E001 CS OFFL SIR LRM 1B 20220228T210457 20220228T211754 E001 CS OFFL SIR LRM 1B 20220228T212654 20220228T212851 E001 CS OFFL SIR LRM 1B 20220228T213029 20220228T213354 E001 CS OFFL SIR LRM 1B 20220228T213525 20220228T215114 E001 CS_OFFL_SIR_LRM_1B_20220228T220617_20220228T220800_E001 CS_OFFL_SIR_LRM_1B_20220228T220802_20220228T220843_E001 CS OFFL SIR LRM 1B 20220228T220846 20220228T220849 E001 CS_OFFL_SIR_LRM_1B_20220228T220852_20220228T220930_E001 CS_OFFL_SIR_LRM_1B_20220228T220933_20220228T220941_E001 Loss of echo oss of echo Loss of echo oss of echo Loss of echo oss of echo 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_20220228T220943_20220228T221301_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T223003_20220228T224159_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T224549_20220228T224611_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T224640_20220228T225000_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T225003_20220228T225502_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T233833_20220228T233948_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234113_20220228T234120_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234124_20220228T234218_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234222_20220228T234258_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234300_20220228T234307_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234309_20220228T234439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234441_20220228T234524_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234527_20220228T234540_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234542_20220228T234604_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234606_20220228T234621_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234637_20220228T234638_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234641_20220228T234722_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234724_20220228T234729_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T234732_20220228T235027_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220228T235029_20220228T235248_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

 Number of products with errors:
 0

2

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: 0

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220228T051130_20220228T051502_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
CS_OFFL_SIR_LRM_1B_20220228T210457_20220228T211754_E001	IEcho error IBK 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 NetCDF product file (.nc).

Number of products with errors:

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors:
0

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 238

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220228T000537_20220228T002832_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_220220228T003627_20220228T004221_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220228T005430_20220228T005448_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_220220228T010439_20220228T010802_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_20220228T010821_20220228T013145_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_220220228T014727_20220228T020949_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_220220228T021212_20220228T021854_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220228T024322_20220228T031054_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_220220228T032344_20220228T034500_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_220220228T034503_20220228T034702_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_220220228T035439_20220228T035549_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_220220228T040007_20220228T040152_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_220220228T041509_20220228T044931_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_220220228T051130_20220228T051502_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_220220228T053321_20220228T053330_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_220220228T053844_20220228T054122_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_220220228T055458_20220228T060329_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220228T060614_20220228T062901_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_220220228T064105_20220228T065445_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_220220228T065633_20220228T070232_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_220220228T073105_20220228T073135_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220228T073332_20220228T080720_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_220220228T082030_20220228T082235_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_220220228T082526_20220228T085640_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_220220228T091633_20220228T092411_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_220220228T092852_20220228T092959_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_220220228T093012_20220228T094637_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_220220228T100318_20220228T101708_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_220220228T101928_20220228T103047_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_220220228T105855_20220228T110912_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_220220228T111052_20220228T112537_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_220220228T114454_20220228T115520_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_220220228T115733_20220228T120300_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_220220228T120544_20220228T121241_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_220220228T124152_20220228T130507_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_220220228T131801_20220228T134415_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_220220228T140802_20220228T140842_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_220220228T141907_20220228T144421_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_220220228T145736_20220228T153138_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_220220228T155451_20220228T160150_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_220220228T160155_20220228T161235_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_220220228T163659_20220228T171044_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_220220228T173016_20220228T173151_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_220220228T173636_20220228T173742_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_220220228T174648_20220228T174839_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_220220228T174915_20220228T180402_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_220220228T181558_20220228T183852_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_220220228T184106_20220228T185104_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_220220228T190257_20220228T190314_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_220220228T191228_20220228T191403_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_220220228T191516_20220228T191559_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_220220228T192132_20220228T194308_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_220220228T195622_20220228T202654_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_220220228T204533_20220228T210432_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_220220228T210457_20220228T211754_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_220220228T213525_20220228T215114_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_220220228T215317_20220228T220238_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_220220228T222531_20220228T222717_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_220220228T223003_20220228T224159_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_220220228T225822_20220228T225922_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_220220228T234124_20220228T234218_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220228T234222_20220228T234258_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220228T234300_20220228T234307_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220228T234641_20220228T234722_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_SAR_2_20220228T000518_20220228T000537_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_20220228T002833_20220228T002938_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_20220228T004222_20220228T004325_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_220220228T004325_20220228T004930_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_220220228T005448_20220228T005729_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_220220228T013145_20220228T013249_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_220220228T014414_20220228T014426_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_220220228T014713_20220228T014726_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_220220228T022034_20220228T022228_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_220220228T022305_20220228T022421_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_220220228T022444_20220228T022952_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_220220228T024232_20220228T024322_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_220220228T031055_20220228T031215_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_220220228T035256_20220228T035349_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_20220228T035407_20220228T035439_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_20220228T035819_20220228T040007_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_20220228T040153_20220228T040333_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_20220228T040343_20220228T041152_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_20220228T044932_20220228T045205_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_20220228T050205_20220228T050222_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_20220228T050713_20220228T050720_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_20220228T050842_20220228T051130_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_20220228T052919_20220228T053321_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_20220228T053530_20220228T053730_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_20220228T054122_20220228T054141_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_20220228T054224_20220228T055059_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_20220228T055413_20220228T055458_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_20220228T060329_20220228T060614_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_20220228T062902_20220228T063059_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_20220228T065446_20220228T065632_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_20220228T070907_20220228T071540_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_20220228T071540_20220228T071748_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_20220228T071818_20220228T072025_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_20220228T072320_20220228T073038_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_20220228T073305_20220228T073332_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_20220228T080720_20220228T080731_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_20220228T081937_20220228T082029_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_20220228T082236_20220228T082526_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_20220228T085641_20220228T085702_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_20220228T090220_20220228T090804_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_20220228T090818_20220228T090936_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_20220228T091210_20220228T091500_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_220220228T091518_20220228T091633_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_20220228T092411_20220228T092851_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_20220228T095742_20220228T100318_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_20220228T103048_20220228T103240_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_220220228T103346_20220228T103536_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_20220228T103736_20220228T103919_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_20220228T104135_20220228T104624_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_20220228T104624_20220228T104819_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_20220228T110913_20220228T111052_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_20220228T112538_20220228T112551_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_20220228T120423_20220228T120544_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_20220228T121241_20220228T121539_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_20220228T122004_20220228T122525_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_20220228T122551_20220228T122643_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_20220228T124046_20220228T124151_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_20220228T130508_20220228T130511_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_20220228T131720_20220228T131801_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_20220228T135827_20220228T140802_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_20220228T145610_20220228T145735_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_20220228T153538_20220228T154312_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_20220228T154347_20220228T154818_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_20220228T161235_20220228T161749_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_20220228T162416_20220228T162433_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_20220228T163501_20220228T163659_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_20220228T171044_20220228T171121_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_20220228T171442_20220228T172132_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_220220228T172132_20220228T172443_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_220220228T172643_20220228T173015_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_220220228T173316_20220228T173636_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_20220228T174840_20220228T174915_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_20220228T181342_20220228T181558_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_220220228T183852_20220228T184106_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_220220228T185104_20220228T185157_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_220220228T185318_20220228T190032_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_220220228T190032_20220228T190257_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_220220228T190315_20220228T190438_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_220220228T190502_20220228T191227_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_220220228T191403_20220228T191516_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_220220228T194308_20220228T194422_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_220220228T195459_20220228T195622_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_220220228T202655_20220228T203033_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_220220228T203315_20220228T203409_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_220220228T203502_20220228T203927_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_220220228T203927_20220228T204042_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_220220228T204451_20220228T204533_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_220220228T210433_20220228T210457_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_220220228T211754_20220228T212420_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_220220228T215115_20220228T215317_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_220220228T221301_20220228T221757_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_220220228T221757_20220228T221934_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_220220228T222509_20220228T222531_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_220220228T222718_20220228T223003_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_220220228T225502_20220228T225554_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_220220228T225602_20220228T225725_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_220220228T231440_20220228T231454_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_220220228T232944_20220228T233512_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_220220228T233513_20220228T233820_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_220220228T235249_20220228T235858_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_220220228T000330_20220228T000518_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_220220228T003008_20220228T003356_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_220220228T004931_20220228T005430_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_220220228T013249_20220228T013408_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_220220228T013606_20220228T013653_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220228T014149_20220228T014413_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_220220228T021029_20220228T021212_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_220220228T022229_20220228T022305_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_220220228T022422_20220228T022444_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_220220228T022953_20220228T024151_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_220220228T031215_20220228T031335_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_220220228T031410_20220228T031615_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220228T032214_20220228T032344_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_220220228T040334_20220228T040343_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_220220228T041153_20220228T041509_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_220220228T045206_20220228T045524_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_220220228T050046_20220228T050205_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_220220228T053748_20220228T053844_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_220220228T055059_20220228T055413_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_220220228T063059_20220228T063419_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_220220228T063941_20220228T064105_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_20220228T071748_20220228T071817_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_220220228T072025_20220228T072319_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_220220228T080732_20220228T080928_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_220220228T081803_20220228T081937_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_220220228T085702_20220228T085805_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_220220228T090119_20220228T090220_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_220220228T090804_20220228T090818_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_220220228T094637_20220228T094816_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_220220228T095534_20220228T095741_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_220220228T103537_20220228T103735_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backgatter Error (Betracker 2)	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220228T103920_20220228T104135_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_220220228T112551_20220228T112738_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_20220228T113420_20220228T114113_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_220220228T114250_20220228T114454_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_20220228T115520_20220228T115732_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_220220228T120301_20220228T120423_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_20220228T121554_20220228T122003_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_220220228T122525_20220228T122551_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_20220228T123620_20220228T124019_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_20220228T130511_20220228T130815_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_20220228T131156_20220228T131202_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220228T131517_20220228T131720_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_20220228T135032_20220228T135826_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_220220228T141726_20220228T141825_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_220220228T144422_20220228T144558_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_20220228T145445_20220228T145610_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_20220228T153139_20220228T153203_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_20220228T153203_20220228T153537_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_220220228T154313_20220228T154346_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_20220228T162434_20220228T162559_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_20220228T163145_20220228T163202_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220228T163347_20220228T163500_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_20220228T171121_20220228T171226_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_20220228T171229_20220228T171442_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_20220228T172530_20220228T172618_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_20220228T180402_20220228T180528_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_20220228T181039_20220228T181342_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_20220228T194422_20220228T194722_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_220220228T194942_20220228T195459_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_220220228T203409_20220228T203501_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_220220228T204042_20220228T204451_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_220220228T212420_20220228T212654_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_220220228T212851_20220228T213029_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220228T213354_20220228T213524_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_220220228T220239_20220228T220617_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_220220228T221934_20220228T222048_E001		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_20220228T225725_20220228T225822_E001	backscatter Error (Retracker 3), SARIN X-	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_20220228T225922_20220228T230208_E001		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_20220228T230211_20220228T230521_E001		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_20220228T230815_20220228T230824_E001		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220228T231256_20220228T231439_E001		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_20220228T233948_20220228T234112_E001		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_20220228T235858_20220301T000118_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