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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 |
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| 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 |
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| 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 |
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| 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 |
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| 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 |
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| 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 |