

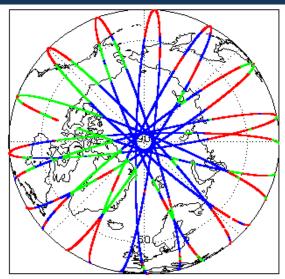
## 1. Overview

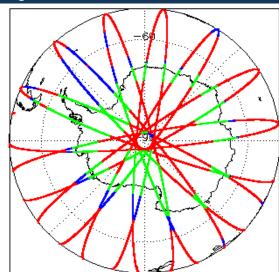
| Report Production Date: | 02-Apr-2020             |  |
|-------------------------|-------------------------|--|
| Processor Used:         | CryoSat Ice Processor   |  |
| Data Used:              | L1B and L2 OFFLINE Data |  |

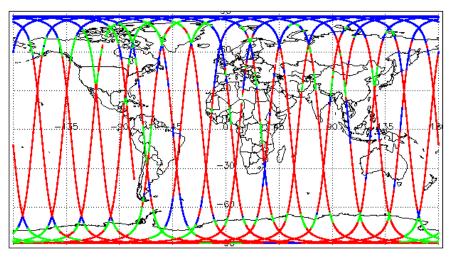
| Check                                      | Status                  |
|--|-------------------------|
| Server check: science-pds.cryosat.esa.int  | Nominal                 |
| Server check: calval-pds.cryosat.esa.int   | Nominal                 |
| Product Software Check                     | Nominal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

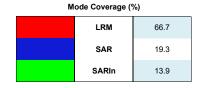
| Mission / Instru | ment News       |
|------------------|-----------------|
| 02-Mar-2020      | None            |
| 03-Mar-2020      | None            |
| 04-Mar-2020      | Nothing planned |

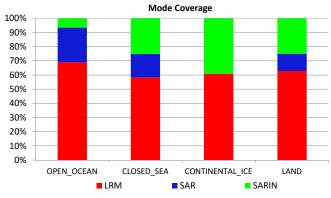
# 2. Global Coverage

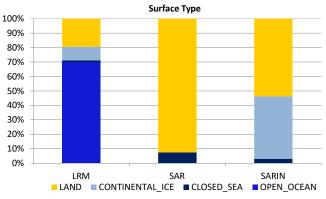












## 3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

## 4. Level 1B Data Quality Check

### 4.1 L1B Product Format Check

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

Number of products with errors:

### 4.2 L1B Product Header Analysis

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

Number of products with errors:

0

#### 4.3 Star Tracker Usage Check

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

Number of products with errors:

0

## 4.4 L1B Tracking Flags Check

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

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

umber of products with errors: 11

| Product   | Test Failed  | Description  |
|---|--------------|--|
| CS_OFFL_SIR_LRM_1B_20200302T235311_20200303T001221_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T001223_20200303T001510_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T001655_20200303T002456_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T002745_20200303T002811_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T003858_20200303T004419_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T004423_20200303T004457_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T004500_20200303T004506_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T004511_20200303T004518_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T004522_20200303T004638_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T004645_20200303T004702_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T012025_20200303T012402_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T013004_20200303T015907_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T022204_20200303T022851_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T023017_20200303T025633_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T040039_20200303T040334_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T040407_20200303T040559_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T040650_20200303T041303_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T041308_20200303T041428_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T041453_20200303T041607_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T041610_20200303T042448_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T054238_20200303T054352_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T054403_20200303T054511_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T055133_20200303T055617_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T055622_20200303T061558_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T070356_20200303T070522_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T072720_20200303T073159_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T073238_20200303T075101_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T084258_20200303T084424_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T084431_20200303T084519_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T091701_20200303T093016_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T093856_20200303T094053_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T094732_20200303T100316_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T101806_20200303T101933_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T101936_20200303T102014_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T102017_20200303T102504_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T104224_20200303T105401_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T105926_20200303T110145_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T110150_20200303T110219_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T110223_20200303T110243_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T110245_20200303T110832_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T115036_20200303T115142_D001 | Loss of echo | The tracking echo is missing for one or more records |
|   |              |  |

| Company   Comp   | CS_OFFL_SIR_LRM_1B_20200303T115454_20200303T115501_D001 | Loss of echo | The tracking echo is missing for one or more records |
|--|---|--------------|--|
| CFF, 1987, LEW, 1977, 200000007110001, 20000007110001, 2001   CFF, 1987, LEW, 1977, 200000007110001, 2001   CFF, 1987, LEW, 1977, 200000000000000000000000000000000000   |   |              |  |
| Description      |   |              | ·  |
| Co. CPT   18   18   1.9.   2.0000007715002   2000000070000   200000000000000000  |   |              |  |
| Sec. Company     |   |              |  |
| Co., P. P.   1. No. 18, 2000,0001 TORS   2000 2007 TORS   2001   No. of white  |   |              |  |
| Company   Comp   |   |              |  |
| Co. P. 15, R. 1981, 19. 20000007110010 200000710000 0001   |   |              |  |
| Deliver   Mills   Mi   |   |              | ·  |
| Co. CHE, SEL, LIME, 19, 200000001119000, 200000011100010, 20000  CO. CHE, SEL, LIME, 19, 200000001119000, 200000011100010, 20000  CO. CHE, SEL, LIME, 19, 200000001100000, 20000001100000, 20000000000   |   |              |  |
| The CHEFFE, RELIGION IS ACCORDITIONED, DOOD OF TABLES, DOOD OF TABLES, AND ACCORDINATIONS OF THE CHEFFE OF THE CHEFF OF THE CHEFFE OF THE CHEF |   |              |  |
| Comp. P. M. J. M. J. 200000011150502_000000011150001_00001   Comp. J. M. J. M. J. 2000000011150002_00000011150001_00001   Comp. J. M. J. M. J. 2000000011150002_000000111100001   Comp. J. M. J. M. J. 2000000011100001_000000011100001   Comp. J. M. J. M. J. 2000000011100001_0000000000011100001   Comp. J. M. J. M. J. 20000000111000000000000000000000000000  |   |              | ·  |
| Company   Comp   |   |              |  |
| Co., OPT_BRI_AN_IR_200000000000000000000000000000000000  |   |              |  |
| Company   Comp   |   |              |  |
| CS_OFF_BILL_MILL_18_20000001140019_0000001140019_0000001140010_0000001140019_0000001140019_0000001140019_0000001140019_0000001140019_0000001140019_0000001140019_000001140019_000001140019_000001140019_000001140019_000001140019_000001140019_000001140019_000001140019_000001140019_000001140019_000001140019_000001140019_0000001140019_000001140019_000001140019_0000001140019_0000001140019_0000001140019_0000001140019_0000001140019_00000001140019_00000001140019_00000001140019_00000001140019_00000001140019_0000000000   |   |              |  |
| CS_OFF_SR_LIM_18_20000381719192_2000031719192_0000 CS_OFF_SR_LIM_18_20003831719192_2000031719192_0000 Los of elebo The tracking set los in insertig for one or more records CS_OFF_SR_LIM_18_20003831719192_2000000000000000000000000000000000   |   |              |  |
| CS_OFF_BR_UNI_18_20000001151000_20000001151000_20000001151000_20000001151000_20000001151000_20000001151000_200000001151000_200000001151000_200000001151000_200000001151000_200000001151000_20000000000   |   |              |  |
| GB_CPF_SR_LEN_B_Z000031716319_Z000303116319_Z0001  |   |              |  |
| CS_OFF_LSR_LEM_18_200000007159782_2000003719978_D001  Cos_OFF_LSR_LEM_18_200000007199782_2000003719978_D001  Cos_OFF_LSR_LEM_18_20000000719982_2000003719987_D001  Cos_OFF_LSR_LEM_18_20000000719982_2000003719987_D001  Cos_OFF_LSR_LEM_18_20000000719982_2000003719987_D001  Cos_OFF_LSR_LEM_18_20000000719982_2000003719987_D001  Cos_OFF_LSR_LEM_18_20000000719982_2000003719987_D001  Cos_OFF_LSR_LEM_18_20000000719982_2000003719987_D001  Cos_OFF_LSR_LEM_18_20000000719982_20000000719982_2000000719982_2000000719982_2000000719982_2000000719982_2000000719982_2000000719982_2000000719982_2000000719982_2000000719982_20000000719982_2000000719982_2000000719982_2000000719982_20000000719982_2000000719982_20000000719982_20000000719982_20000007199982_20000007199982_20000007199982_20000007199982_20000007199982_20000007199982_20000007199982 |   |              | ·  |
| CS_OFFL_SIR_LRM_18_200000037150820_20000037160827_0001   |   |              |  |
| CS_OFFL_SIR_LRM_18_200000017169458_20000001716940_0010  CS_OFFL_SIR_LRM_18_20000001716940_20000001716940_0010  CS_OFFL_SIR_LRM_18_20000001716940_0000001716940_0010  CS_OFFL_SIR_LRM_18_20000001716940_0000001716940_00101  CS_OFFL_SIR_LRM_18_20000001716940_200000017169400_00101  CS_OFFL_SIR_LRM_18_20000001716940_200000017169400_00101  CS_OFFL_SIR_LRM_18_20000001716940_200000017169400_00101  CS_OFFL_SIR_LRM_18_20000001716940_200000017169400_00101  CS_OFFL_SIR_LRM_18_20000001716940_200000017169400_00101  CS_OFFL_SIR_LRM_18_20000001716940_200000017169400_00101  CS_OFFL_SIR_LRM_18_200000017169400_2000000017169400_00101  CS_OFFL_SIR_LRM_18_200000017169400_20000000000000000000000000000000000  |   |              |  |
| CS_OFFL_SR_LRM_18_200000037164501_20000037169506_D001  |   |              |  |
| CS_OFFL_SR_LRM_18_2020033116535_2020033116508_D001 Loss of exho The tracking exho is initising for one or more records CS_OFFL_SR_LRM_18_2020033116508_2020033116508_D001 Loss of exho The tracking exho is initising for one or more records CS_OFFL_SR_LRM_18_202003311003_2020033117004_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_2020033116323_2020033118338_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_2020033118338_2020033118338_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_2020033118338_2020033118338_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_2020033118338_2020033118338_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_2020033118338_2020033118338_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_2020033118338_2020033118338_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_2020033118338_2020033118338_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_202003311203132_2020331133151_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_202003311203132_20203311203151_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20200331120313_20203311203151_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_20200331120313_20203311203151_D001 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_202003311203152_00101 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_202003311203152_00101 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_202003311203152_00101 Loss of exho The tracking exho is missing for one or more records CS_OFFL_SR_LRM_18_202003311203152_00101 Loss of exho The tracking exho is miss |   |              |  |
| CS_OFF_SR_LRM_18_200000007162533_200000087106408_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_200000037108003_20000008710000_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_200000037108003_200000037108000_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_200000037108303_200000037108000_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000037108303_20000037108000_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000037108303_2000003710825_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000337108303_2000003710825_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000337108303_2000003710825_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000337108303_2000003710925_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000337108303_2000003710925_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000337109313_2000003710925_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000337109313_2000003710925_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000337109313_2000003710925_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000337109313_2000003712093_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_20000337109313_200003712093_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_2000033712093_D001037119383_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_2000033712093_D00033712193_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LRM_18_2000033712093_D00033712193_D001  |   |              |  |
| CS_OFF_SR_LRM_18_20200303171033_20200303171034_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_20200303171033_20200303171034_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003031718333_00200303183330_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003031718333_00200303183330_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003031718352_00200303118330_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003031719301_202003031719310_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_2020030331719011_202003031719310_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_20200303317191202003031720310_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_2020030331730315_202003031703110_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_2020030331730315_202003031703110_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_2020030331730325_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003033172032_202003031703110_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003303172032_202003031720314_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003303172032_202003031720314_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003303172032_20200303172032_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003303172033_20200303172032_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFF_SR_LRM_18_202003303172033_20200303172033_D001  Loss of echo  The tracking echo is missing for  |   |              |  |
| CS_OFFL_SIR_LRM_1B_20200337117033_2000337117034_D001  CS_OFFL_SIR_LRM_1B_20200337118030_200003371180325_D001  CS_OFFL_SIR_LRM_1B_20200337118330_2000033718338_D001  CS_OFFL_SIR_LRM_1B_2020033718330_2000033718338_D001  CS_OFFL_SIR_LRM_1B_2020033718330_2000033718248_D001  CS_OFFL_SIR_LRM_1B_2020033718330_2000033718248_D001  CS_OFFL_SIR_LRM_1B_2020033718300_2000033718248_D001  CS_OFFL_SIR_LRM_1B_2020033718300_2000033718248_D001  CS_OFFL_SIR_LRM_1B_2020033718300_2000033718248_D001  CS_OFFL_SIR_LRM_1B_20200337123510_2000033710318001  CS_OFFL_SIR_LRM_1B_20200337123510_2000033710318001  CS_OFFL_SIR_LRM_1B_20200337123510_2000033710318001  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318001  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318001  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710318010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710319010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710319010  CS_OFFL_SIR_LRM_1B_20200337120513_2000033710319010  CS_OFFL_SIR_LRM_1B_202003371205100_200003371205100  CS_OFFL_SIR_LRM_1B_202003371205100_20000371100000  CS_OFFL_SIR_LRM_1B_202003371205100_200003371205100  CS_OF |   |              |  |
| CS_OFF_SIR_LRM_1B_2000033716323_2000033716332_00001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033716333_20000337163330_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20000337163436_0000033716348_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20000337163446_0000033716348_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_20000337163446_0000033716348_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033716313_2000033712315_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712313_2000033712335_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712313_2000033712355_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712315_0000033712354_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712315_0000033712314_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712315_000033712314_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712315_000033712314_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712314_000033712314_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712314_000033712314_00001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712314_000033712314_00001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712314_000033712314_00001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712314_000033712314_0001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SIR_LRM_1B_2000033712314_000033712314_0001 Loss o |   |              | ·  |
| CS_OFFL_SR_LRM_18_2020033T183333_2020035T183346_20001  |   |              |  |
| CS_OFFL_SR_LRM_1B_2020033T18336_202033T18336_0001  CS_OFFL_SR_LRM_1B_2020033T183362_202033T18348_0001  CS_OFFL_SR_LRM_1B_2020033T183601_2020333T183525_0001  CS_OFFL_SR_LRM_1B_2020033T183601_2020333T194014_0001  CS_OFFL_SR_LRM_1B_2020033T20111_2020033T20115_0001  CS_OFFL_SR_LRM_1B_2020033T20111_2020033T20115_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_2020033T20111_2020033T2015_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_2020033T20111_2020033T2015_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_2020033T2015_020033T2015_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T2015_020030T20515_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T2015_0200303T2015_014_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T2015_020030T2015_014_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T2015_020030T2015_02001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T2015_020030T2015_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T2010_0003T2015_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T2010_00030T20103_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T20103_000307T2013_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T20103_000307T2013_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T2013_000307T2013_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SR_LRM_1B_20200303T2013_000307T2013_0001  Loss of echo  The tracking echo is missing for one or more records  |   |              |  |
| CS_OFFL_SIR_LEM_1B_20000303T18356_20000303T18348_D001  |   |              |  |
| CS_OFFL_SIR_LRM_IB_20003031185446_20003031192826_0001  CS_OFFL_SIR_LRM_IB_20003031183081_2000303119011_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20003031203113_20003031205150_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303120513_20003031205140_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303120513_20003031205140_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303120513_2000303120514_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303120513_2000303120514_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303120512_2000303120514_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303122052_2000303121032_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20003031221002_2000303121032_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_20003031221012_2000303122103_00001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303122104_2000303122104_00001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303122104_20003033122104_00001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303122104_20003033122104_00001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303122104_2000303122104_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303122104_000303122104_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303122104_000303122105_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_IB_2000303122105_000303122350_0001  Loss of  |   |              |  |
| CS_OFFSIR_LRM_18_20200303T193001_20200303T20311s_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T203111_20200303T20315_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T203153_20200303T20315_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T205153_20200303T20515_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T20515_20200303T20515_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T20515_20200303T20510_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T20515_20200303T20510_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T2102_20200303T21004_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T2101_20200303T21030_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T2103_200303T21030_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T21010_200303T21138_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T21142_200303T21138_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T221142_2003033T221144_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T221147_20200303T22136_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T221147_2020033T22136_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T22136_0033T22136_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFSIR_LRM_18_20200303T223132_00303T223135_0001  Loss of echo The tracking echo is missing for                                    |   |              |  |
| CS_OFFL_SIR_LRM_18_20200303T203112_0200303T203155_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T203153_20200303T20514_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T205152_0200303T20514_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T205152_0200303T20514_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T205222_20200303T210049_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T205222_20200303T210049_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T212102_2020303T21004_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T22104_2020303T212103_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T22104_2020303T22104_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T22105_2020303T221138_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T221144_2020303T221144_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020033T221144_2020303T22135_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020033T221144_2020303T22135_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020033T221302_202033T22135_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020033T221302_202033T22135_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020033T223320_202033T22335_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020033T22320_202033T23235_D001 Loss of echo The tracking echo is missing for one or more re |   |              |  |
| CS_OFFL_SIR_LRM_18_20200303T205153_20200303T205154_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T205155_20200303T205144_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T205155_20200303T205144_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T205222_20200303T210494_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T21022_20200303T210494_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T21032_2020303T210382_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T21032_200303T21032_000001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T21040_20200303T221047_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T221040_20200303T221047_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200333T221040_20200303T221047_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200333T221140_20203033T221144_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200333T221147_20200303T221132_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200333T221040_20200303T221302_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200333T221040_2020333T223500_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200333T223033_2020333T22350_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200333T223350_2020333T22350_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200333T2235331_2020333T23353_D001  L |   | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_18_20200303T20513_20200303T20514_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T205156_20200303T20514_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T205156_20200303T20514_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T212056_20200303T21039_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T212056_20200303T21030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T22103_20200303T221030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T221040_20200303T221030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T221040_20200303T221030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T221040_2020303T221030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T221140_2020303T22133_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T221140_2020303T22133_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T221140_2020303T22130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T221323_20200303T22130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T22130_2020303T22130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T223303_2020303T22330_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200303T22303_2020303T233230_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_2020033T22340_2020333T233350_D001 Loss of echo The tracking echo is missing for one or more recor |   |              |  |
| CS_OFFL_SIR_LRM_IB_20200303T205152_0200303T205154_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T205152_0200303T21090_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T212605_0200303T21032_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T212021_0200303T21030_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T22103_20200303T22103_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T22103_20200303T22103_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T22103_20200303T22113_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T221142_D000303T22113_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T221142_D000303T22113_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T221142_D000303T22113_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T22132_20200303T22130_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T22132_20200303T22233_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T222313_D00303T223313_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T23132_D00303T23135_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T23135_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T23135_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T23135_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20200303T233340_20200303T23335_D0 |   |              | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T221522_20200303T210049_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T21202_20200303T210049_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T22102_20200303T22100_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T22103_20200303T22100_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T221040_20200303T22103_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T221040_20200303T221040_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T221141_20200303T221144_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T221147_20200303T221144_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T221142_20200303T221144_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T221140_20200303T221145_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T22132132_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T22132132_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T223135_2020033T22385_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T23135_2020033T23135_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T23135_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T23132_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T23132_D00303T23335_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200303T23331_D001 Loss of ec |   |              | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T2120522_20200303T210049_D001   |   |              | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T212050_20200303T221030_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221032_2000303T221047_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221040_20200303T221047_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221040_20200303T221047_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221142_20200303T221144_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221142_20200303T221144_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221142_20200303T22132_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22132_20200303T22132_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22132_20200303T222332_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22335_20200333T222335_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22335_20200333T22335_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23352_20200333T23353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23335_20200333T23353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23335_20200333T23353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23335_D0033723353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23335_D0033723353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23353_D0033723535_D001 Loss of echo The tracking echo is missing for one  |   |              | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T221021_20200303T221033_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221040_20200303T221138_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221142_20200303T22113B_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221142_20200303T22113E_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221147_20200303T22114D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221147_20200303T22114D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221140_20200303T22140D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22132B_20200303T22155_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22132B_202033T22155_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T222315_20200303T22335_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23135_200303T22335_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23135_D00303T23135_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23135_D00303T23135_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23135_D00303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T233240_20200303T23335_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23335_D00303T23335_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T233353_D0033T233353_D001  Loss of echo  The | CS_OFFL_SIR_LRM_1B_20200303T205222_20200303T210049_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T22103_20200303T22104P_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22114P_20200303T22113B_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22114P_20200303T22114P_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22114P_20200303T22114P_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22114P_20200303T2213ED_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T2213P_20200303T22155D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22213D_20200303T22155D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T2223D_20200303T2223D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T2223D_2020303T2233D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T223D_2020303T2233D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T233D_D00303T23313D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23132D_D00303T23135D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23132D_D00303T23235D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23323D_D00303T232325D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23325D_D00303T23325D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23325D_D00303T23353D_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23533D_D00303T23533D_D001  Loss of echo  T | CS_OFFL_SIR_LRM_1B_20200303T212605_20200303T213828_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T221040_20200303T221148_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221142_20200303T22135_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221329_20200303T22135_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221329_20200303T221401_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221329_20200303T221401_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T222003_20200303T222392_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T222003_20200303T222392_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T223135_20200303T223315_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T223135_20200303T22335_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23322_20200303T23353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T231353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23182_20200303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232400_20200303T233254_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23532_20200303T233535_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235350_20200303T235350_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235350_20200303T235350_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  | CS_OFFL_SIR_LRM_1B_20200303T221021_20200303T221030_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T221051_20200303T221138_D001  |   |              |  |
| CS_OFFL_SIR_LRM_18_20200303T221142_20200303T221144_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T221329_20200303T221556_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T221404_20200303T221556_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T222003_20200303T222932_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T223135_20200303T222932_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T223135_20200303T223851_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T231322_2020303T231353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T231322_2020303T231353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T231322_2020303T231353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T231322_2020303T232353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200303T232340_2020303T232540_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020303T232940_2020303T232534_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020303T23530_2020333T235354_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020333T235331_2020333T23535353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020333T235342_2020333T235351_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is  |   | Loss of echo | ·  |
| CS_OFFL_SIR_LRM_1B_20200303T22147_20200303T22135_D001  CS_OFFL_SIR_LRM_1B_20200303T22140_20200303T221401_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T221404_20200303T221556_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22203_20200303T222932_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T223135_20200303T223851_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23135_20200303T231206_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T23135_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T23135_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23138_20200303T2323403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T2323406_20200303T232340_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23240_20200303T233254_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235332_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235354_20200303T235551_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking  |   |              | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T221329_20200303T221401_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22203_20200303T222932_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T22203_20200303T2223851_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T223135_20200303T223351_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T231353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T231353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T2313E_0200303T231353_D001 Loss of echo The tracking echo is missing for one or more records  |   |              | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T221404_20200303T22932_D001  CS_OFFL_SIR_LRM_1B_20200303T22203_20200303T22932_D001  CS_OFFL_SIR_LRM_1B_20200303T223135_20200303T223851_D001  CS_OFFL_SIR_LRM_1B_20200303T223135_20200303T231350_D001  CS_OFFL_SIR_LRM_1B_20200303T231322_2020303T231350_D001  CS_OFFL_SIR_LRM_1B_20200303T231322_2020303T231350_D001  CS_OFFL_SIR_LRM_1B_20200303T231322_2020303T231350_D001  CS_OFFL_SIR_LRM_1B_20200303T231350_D001  CS_OFFL_SIR_LRM_1B_20200303T231350_D001  CS_OFFL_SIR_LRM_1B_20200303T231350_D001  CS_OFFL_SIR_LRM_1B_20200303T232138_20200303T232135_D001  CS_OFFL_SIR_LRM_1B_20200303T232138_20200303T232400_D001  CS_OFFL_SIR_LRM_1B_20200303T232400_20200303T232810_D001  CS_OFFL_SIR_LRM_1B_20200303T232400_20200303T233254_D001  CS_OFFL_SIR_LRM_1B_20200303T232940_20200303T233531_D001  CS_OFFL_SIR_LRM_1B_20200303T2332900_2020303T233531_D001  CS_OFFL_SIR_LRM_1B_20200303T233532_0200303T23531_D001  CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T23531_D001  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235353_D001  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235353_D001  CS_OFFL_SIR_LRM_1B_20200303T235354_2020303T235353_D001  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235355_D001  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T235354_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T2353543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T2353543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T2353543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T2353543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T2353543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T2353543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T2353543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T23553543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T2353543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T23553543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T23553543_2000303T235501_D001  CS_OFFL_SIR_LRM_1B_20200303T23553543_2000303T23550 |   |              |  |
| CS_OFFL_SIR_LRM_1B_20200303T22203_20200303T223851_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T2330803_20200303T231206_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T231353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231352_20200303T231353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231352_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232138_20200303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T2323406_20200303T2323403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232340_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232340_20200303T233234_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_00200303T235345_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_00200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one |   |              |  |
| CS_OFFL_SIR_LRM_1B_20200303T223135_20200303T231206_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T231353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T231353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231956_20200303T232135_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232138_20200303T232403_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232403_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T2323254_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T2323254_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235312_D00303T235313_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235345_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T2353515_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T2353515_D001 Loss of echo The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235434_20200303T235501_D001 Loss of echo The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking e |   |              |  |
| CS_OFFL_SIR_LRM_1B_20200303T231822_20200303T231235_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231352_20200303T231353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T231956_20200303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232940_20200303T233254_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T234902_20200303T235313_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235344_20200303T235515_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235344_20200303T235510_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235444_20200303T235510_D001  Loss of echo  The tracking echo is missing for one or more records  | CS_OFFL_SIR_LRM_1B_20200303T222003_20200303T222932_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T231353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T23138_20200303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232940_20200303T233254_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T234902_20200303T235313_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235326_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235315_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235344_20200303T235501_D001  Loss of echo  The tracking echo is missing for one or more records  | CS_OFFL_SIR_LRM_1B_20200303T223135_20200303T223851_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T231956_20200303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232940_20200303T233254_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T234902_20200303T235313_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235326_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235344_20200303T235501_D001  Loss of echo  The tracking echo is missing for one or more records  | CS_OFFL_SIR_LRM_1B_20200303T230803_20200303T231206_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T232138_20200303T232403_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T233254_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232940_20200303T233254_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T234902_20200303T235313_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235326_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235344_20200303T235510_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235344_20200303T235510_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235344_20200303T235510_D001  Loss of echo  The tracking echo is missing for one or more records  | CS_OFFL_SIR_LRM_1B_20200303T231322_20200303T231353_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T232940_20200303T233254_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235313_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235326_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235344_20200303T235501_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235434_20200303T235501_D001  Loss of echo  The tracking echo is missing for one or more records  | CS_OFFL_SIR_LRM_1B_20200303T231956_20200303T232135_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T232940_20200303T233254_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T234902_20200303T235313_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235326_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  | CS_OFFL_SIR_LRM_1B_20200303T232138_20200303T232403_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235313_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records   | CS_OFFL_SIR_LRM_1B_20200303T232406_20200303T232810_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235326_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235501_D001  Loss of echo  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records   | CS_OFFL_SIR_LRM_1B_20200303T232940_20200303T233254_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235434_20200303T235501_D001 Loss of echo The tracking echo is missing for one or more records  The tracking echo is missing for one or more records   | CS_OFFL_SIR_LRM_1B_20200303T234902_20200303T235313_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235434_20200303T235501_D001 Loss of echo The tracking echo is missing for one or more records  | CS_OFFL_SIR_LRM_1B_20200303T235320_20200303T235326_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235358_20200303T235415_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200303T235434_20200303T235501_D001 Loss of echo The tracking echo is missing for one or more records   | CS_OFFL_SIR_LRM_1B_20200303T235331_20200303T235345_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235434_20200303T235501_D001 Loss of echo The tracking echo is missing for one or more records  | CS_OFFL_SIR_LRM_1B_20200303T235349_20200303T235353_D001 | Loss of echo | The tracking echo is missing for one or more records |
|  |   | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235504_20200303T235626_D001 Loss of echo The tracking echo is missing for one or more records  |   |              |  |
|  | CS_OFFL_SIR_LRM_1B_20200303T235504_20200303T235626_D001 | Loss of echo | The tracking echo is missing for one or more records |

| CS_OFFL_SIR_LRM_1B_20200303T235630_20200303T235640_D001 | Loss of echo | The tracking echo is missing for one or more records |
|---|--------------|--|
| CS_OFFL_SIR_LRM_1B_20200303T235644_20200303T235846_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235849_20200303T235852_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235857_20200303T235858_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200303T235901_20200303T235928_D001 | Loss of echo | The tracking echo is missing for one or more records |

### 4.5 L1B Calibration Usage Check

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

Number of products with errors:

### 4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

### 4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

#### 4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

| Product   | Test Failed                 | Description   |
|---|-----------------------------|---|
| CS_OFFL_SIR_LRM_1B_20200303T091701_20200303T093016_D001 | IECNO error. IRK ecno error | The tracking echo has returned an error and the Rx1 Echo Error flag is set, |
|   |                             | indicating a degraded echo  |

### 5. Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

Number of products with errors:

### 5.2 L2 Product Header Analysis

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

Number of products with errors:

#### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

## 5.4 L2 Auxiliary Correction Error Check

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

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: 5

| Product   | Test Failed   | Description  |
|---|---|--|
|   | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T001223_20200303T001510_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
|   | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T002745_20200303T002811_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |

| CO OFFI CID LDM 9 999999997994799 99999997994999 DOOL  | Surface Madel Harming  | No DEM or Clopa Model was used for the least transfer   |
|--|--|---|
| CS_OFFL_SIR_LRM_220200303T004522_20200303T004638_D001  | Surface Model Unavailable  Height Error (Retracker 2), Backscatter                           | No DEM or Slope Model was used for the location of one or more records  There is a height and backscatter error for Retracker 2 for one or more |
| CS_OFFL_SIR_LRM_220200303T005402_20200303T011714_D001  | Error (Retracker 2)  | records   |
| CS_OFFL_SIR_LRM_220200303T013004_20200303T015907_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_2_20200303T023017_20200303T025633_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)      | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records                              |
| CS_OFFL_SIR_LRM_2_20200303T030928_20200303T034403_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_2_20200303T040650_20200303T041303_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2)                                  | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T044849_20200303T052255_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T055622_20200303T061558_D001  | Height Error (Retracker 2), Backscatter Error (Retracker 2)                                  | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T062758_20200303T070242_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T070356_20200303T070522_D001  | Surface Model Unavailable  | No DEM or Slope Model was used for the location of one or more records  |
| CS_OFFL_SIR_LRM_220200303T071456_20200303T071518_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T072720_20200303T073159_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T073238_20200303T075101_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T075300_20200303T075507_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_2_20200303T080843_20200303T083821_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T084258_20200303T084424_D001  | Surface Model Unavailable  | No DEM or Slope Model was used for the location of one or more records  |
| CS_OFFL_SIR_LRM_220200303T085743_20200303T091618_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T091701_20200303T093016_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2), Surface model<br>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_220200303T094732_20200303T100316_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T100518_20200303T101441_D001  | Height Error (Retracker 2), Backscatter Error (Retracker 2)                                  | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T103805_20200303T103910_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T104224_20200303T105401_D001  | Height Error (Retracker 2), Backscatter Error (Retracker 2)                                  | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T112645_20200303T114146_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T115758_20200303T115923_D001  | Surface Model Unavailable  | No DEM or Slope Model was used for the location of one or more records  |
| CS_OFFL_SIR_LRM_220200303T122019_20200303T122730_D001  | Height Error (Retracker 2), Backscatter Error (Retracker 2)                                  | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T122819_20200303T125306_D001  | Height Error (Retracker 2), Backscatter Error (Retracker 2)                                  | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T130605_20200303T133218_D001  | Height Error (Retracker 2), Backscatter Error (Retracker 2)                                  | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T133542_20200303T134016_D001  | Surface Model Unavailable  | No DEM or Slope Model was used for the location of one or more records  |
| CS_OFFL_SIR_LRM_220200303T140323_20200303T143209_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T144457_20200303T151258_D001  | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)      | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records                              |
| CS_OFFL_SIR_LRM_220200303T153802_20200303T1611115_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)      | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records                              |
| CS_OFFL_SIR_LRM_220200303T162351_20200303T163014_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T171600_20200303T175035_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |
| CS_OFFL_SIR_LRM_220200303T180250_20200303T182240_D001  | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                               | There is a height and backscatter error for Retracker 2 for one or more records   |

| CS_OFFL_SIR_LRM_220200303T185446_20200303T192825_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
|---|---|--|
| CS_OFFL_SIR_LRM_220200303T194217_20200303T200943_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T203719_20200303T204533_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T205013_20200303T205149_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220200303T205222_20200303T210049_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T210240_20200303T210759_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2)                             | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T212605_20200303T213828_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T214021_20200303T214858_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T215446_20200303T215712_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T222003_20200303T222932_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220200303T223135_20200303T223851_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220200303T224005_20200303T224710_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T230158_20200303T230458_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T230803_20200303T231206_D001 | Surface Model Unavailable   | No DEM or Slope Model was used for the location of one or more records   |
| CS_OFFL_SIR_LRM_220200303T231322_20200303T231353_D001 | Surface Model Unavailable   | No DEM or Slope Model was used for the location of one or more records   |
| CS_OFFL_SIR_LRM_220200303T232138_20200303T232403_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T232406_20200303T232810_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T232940_20200303T233254_D001 | Height Error (Retracker 2), Backscatter<br>Error (Retracker 2)                          | There is a height and backscatter error for Retracker 2 for one or more records                                    |
| CS_OFFL_SIR_LRM_220200303T235434_20200303T235501_D001 | Surface Model Unavailable   | No DEM or Slope Model was used for the location of one or more records   |
| CS_OFFL_SIR_LRM_220200303T235644_20200303T235846_D001 | Surface Model Unavailable   | No DEM or Slope Model was used for the location of one or more records   |
|   |   |  |