

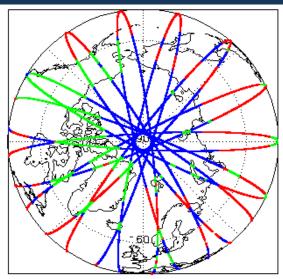
## 1. Overview

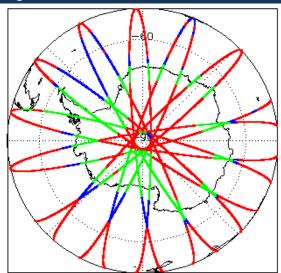
Report Production Date:	26-May-2020	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

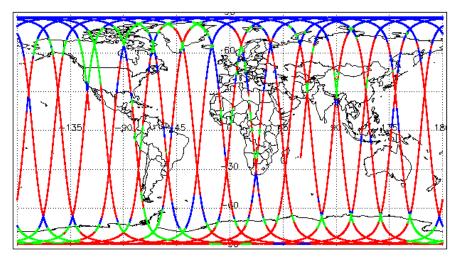
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	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

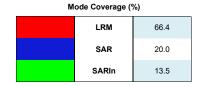
Mission / Instrument News		
24-Apr-2020	None	
25-Apr-2020	None	
26-Apr-2020	Nothing planned	

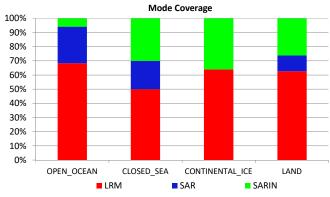
# 2. Global Coverage

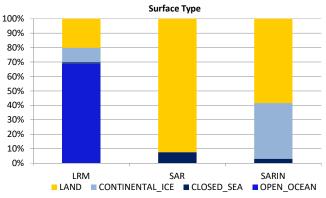












## 3. Instrument Configuration

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: 10

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20200425T002610_20200425T003331_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T003334_20200425T003435_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T003437_20200425T003558_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T003600_20200425T004004_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T004006_20200425T010233_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T010900_20200425T011230_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T020345_20200425T020500_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T020705_20200425T020917_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T020950_20200425T021045_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T021233_20200425T021256_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T021258_20200425T021330_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T021509_20200425T022324_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T022426_20200425T022800_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T022923_20200425T023301_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T034856_20200425T035005_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T035245_20200425T035814_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T042325_20200425T042821_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T043423_20200425T050707_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T050959_20200425T051132_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T060533_20200425T060726_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T061426_20200425T063023_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T063025_20200425T063148_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T063629_20200425T064425_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064433_20200425T064441_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064447_20200425T064447_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064449_20200425T064455_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064459_20200425T064502_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064506_20200425T064511_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064744_20200425T064745_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064747_20200425T064837_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064840_20200425T064847_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064849_20200425T064918_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064925_20200425T064930_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T064935_20200425T065047_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T072242_20200425T073732_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T074425_20200425T074638_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T075325_20200425T080817_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T080956_20200425T082427_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T082429_20200425T082607_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T082609_20200425T082645_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T082647_20200425T082652_D001	Loss of echo	The tracking echo is missing for one or more records

Company   Comp	CS_OFFL_SIR_LRM_1B_20200425T082654_20200425T083036_D001	Loss of echo	The tracking echo is missing for one or more records
Company   Comp			
Company   Comp			·
Company   Comp			
See   1901   18   2004   200			
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Co. OHL SELLUM 19. 2000000111010 200000111010 200000110101 2000   Loss of colo			
Company   Comp			·
Company   Comp			
De CPT_SIR_LEM_18_200045170044_2000261710240_0000000000000000000000000000000000			·
Company   Comp			
See Office   Mile   M			
Co. PT.   SR.   I.M.   C.   2000015710049, 200005710045   D001			
Co. OFT. SR. LWI No. 20000457103404 (20000457103405 LODI)   Level debts   The teaching color to minesting for one or more records			
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CS_OFF_SR_UM_18_20200425T11458_20200425T14584_D001 Los of election District SR_UM_18_20200425T14585_20200425T14584_D001 Los of election District SR_UM_18_20200425T14585_20200425T145849_D001 Los of election District SR_UM_18_20200425T14595_20200425T145849_D001 Los of election District SR_UM_18_20200425T142035_20200425T145849_D001 Los of election District SR_UM_18_20200425T142035_20200425T14598_D001 Los of election District SR_UM_18_20200425T142035_20200425T145020_D001 Los of election District SR_UM_18_20200425T142035_20200425T020502_D001 Los of election District SR_UM_18_20200425T142037_20200425T142030_D001 Los of election District SR_UM_18_20200425T142037_20200425T14200_D001 Los of election District SR_UM_18_20200425T142037_20200425T14200_D001 Los of election District SR_UM_18_20200425T142037_20200425T14200_D001 Los of election District SR_UM_18_20200425T144027_20200425T14200_D001 Los of election District SR_UM_18_20200425T144027_20200425T14200_D001 Los of election District SR_UM_18_20200425T144027_20200425T14200_D001 Los of election District SR_UM_18_20200425T144021_20200425T144021_D001 Los of election District SR_UM_18_20200425T144021_D001 Los of election Dist			
See OPE, SIR LEW, M. 9. 2000-045T116910,			
CS_OFFL_SR_LINL_18_2000425114391_2000425113394_DOIS  CS_OFFL_SR_LINL_18_2000425113392_2000451133924_DOIS  CS_OFFL_SR_LINL_18_2000425113332_2000451133294_DOIS  CS_OFFL_SR_LINL_18_2000425113332_2000451133294_DOIS  CS_OFFL_SR_LINL_18_2000425113323_2000451133294_DOIS  CS_OFFL_SR_LINL_18_20004251133217_2000451133294_DOIS  CS_OFFL_SR_LINL_18_20004251133217_2000451133294_DOIS  CS_OFFL_SR_LINL_18_20004251133217_2000451133294_DOIS  CS_OFFL_SR_LINL_18_20004251133217_2000451133294_DOIS  CS_OFFL_SR_LINL_18_20004251133217_2000451143290_DOIS  CS_OFFL_SR_LINL_18_200042511432_2000451143290_DOIS  CS_OFFL_SR_LINL_18_200042511432_200045114300_DOIS  CS_OFFL_SR_LINL_18_200042511432_2000425114300_DOIS  CS_OFFL_SR_LINL_18_200042511432_2000425114300_DOIS  CS_OFFL_SR_LINL_18_200042511432_2000425114300_DOIS  CS_OFFL_SR_LINL_18_200042511432_2000425114300_DOIS  CS_OFFL_SR_LINL_18_200042511432_2000425114300_DOIS  CS_OFFL_SR_LINL_18_2000425114300_2000425114300_DOIS  CS_OFFL_SR_LINL_18_2000425114300_2000425114300_DOIS  CS_OFFL_SR_LINL_18_2000425114300_2000425114300_DOIS  CS_OFFL_SR_LINL_18_2000425110014_20004251140010_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110014_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110014_DOIS  CS_OFFL_SR_LINL_18_2000425110014_20004251100100_DOIS  CS_OFFL_SR_LINL_18_2000425110014_20004251100100_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110014_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110000_DOIS  CS_OFFL_SR_LINL_18_2000425110000_DOIS  CS_OFFL_SR			·
CS_OFFL_SR_LRM_18_200200425713256_2000425713394_0001 Loss of scho  The touching exits a ministry for one or more records  CS_OFFL_SR_LRM_18_200200425713242_2000425713250_0001 Loss of scho  The touching exits a ministry for one or more records  CS_OFFL_SR_LRM_18_200200425714327_2000425714320_0001 Loss of scho  The touching exits a ministry for one or more records  CS_OFFL_SR_LRM_18_200200425714323_2000425714325_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714323_2000425714325_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714323_2000425714325_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714323_2000425714320_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714323_2000425714300_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714325_000425714300_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714320_000425714300_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714300_0000425714300_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714300_0000425714300_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714300_00004257143000_0001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714300_0000425714300_000001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714300_0000425714300_000001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714300_000425714300_000001 Loss of scho  CS_OFFL_SR_LRM_18_200200425714300_000425714300_			
CS_OFFL_SRL_RN_18_20000425713268_2000425713200_00101 Loss of extra The tracking extra or mixer records (S_OFFL_SRL_RN_18_2000425713200_000047170200_00101 Loss of extra The tracking extra or mixer records (S_OFFL_SRL_RN_18_2000425714300_000047170200_00101 Loss of extra The tracking extra or mixer records (S_OFFL_SRL_RN_18_20004257144300_00004257144300_00101 Loss of extra C_OFFL_SRL_RN_18_20004257144300_00004257144300_00101 Loss of extra C_OFFL_SRL_RN_18_20004257144300_00004257144300_00101 Loss of extra C_OFFL_SRL_RN_18_20004257144300_0004257144300_00101 Loss of extra C_OFFL_SRL_RN_18_20004257144300_0004257144300_00101 Loss of extra C_OFFL_SRL_RN_18_20004257144300_0004257143300_00101 Loss of extra C_OFFL_SRL_RN_18_20004257144300_0004257143300_00101 Loss of extra C_OFFL_SRL_RN_18_2000425714300_0004257143400_00101 Loss of extra C_OFFL_SRL_RN_18_2000425714300_0004257143000_000425714300_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_00042571430000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_000425714300004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_00042571430000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_0004257143000_00042571430000_0004257143000_000425714300004257143000042571430000425714300004			
CS_OFF_SR_LRM_18_20200425T13238_20200425T13224_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T14232_20200425T14232_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T14432_20200425T14432_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T14432_20200425T14537_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T14452_20200425T14537_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T145012_20200425T145037_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T145012_20200425T145019_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T150132_20200425T15014_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T150132_20200425T15014_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T150132_20200425T15014_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T160132_20200425T160132_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T160132_20200425T180133_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T160132_20200425T180133_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T180143_D0010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T180143_D0010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T180143_D0010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T180143_D0010 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20200425T180143_D0010 Loss of exho The tracking exho is missin			·
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CS_OFF_SR_LRM_18_20200425T445837_2020425T344210_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_2020425T44582_2020425T34930_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_2020425T45552_2020425T45930_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_2020425T145552_2020425T45930_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_2020425T145552_2020425T510148_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_2020425T150162_2020425T510148_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_2020425T150162_2020425T510144_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_2020425T150162_2020425T510144_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_2020425T15016258_2020425T100163_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_2020425T15016258_2020425T100183_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_20200425T100163_2020425T100183_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_20200425T100163_2020425T100183_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_20200425T100163_2020425T100183_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_20200425T100163_2020425T100163_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_20200425T100163_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_20200425T100163_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_20200425T100163_D001 Loss of scho The tracking act to a missing for one or more records CS_OFF_SR_LRM_18_20200425T100163_D0010 Loss of scho The track			
CS_OFFL_SIR_LRM_1B_2000425T144332_20000425T14473_D001  CS_OFFL_SIR_LRM_1B_200425T144582_20000425T145007_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T145621_20000425T145630_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T190162_20000425T1913_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T190162_20000425T1913_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T190162_20000425T19016_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19042_20000425T19018_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19042_20000425T19018_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19040_20000425T19339_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19040_20000425T19339_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19343_20000425T19339_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19345_20000425T19345_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19345_20000425T19345_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19345_20000425T19350_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T193545_20000425T19350_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19359_20000425T19350_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_20020425T19350_20000425T19350_D001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_1B_			
CS_OFFL_SIR_LRM_18_20200425T145452_20200425T145457_D001  CS_OFFL_SIR_LRM_18_20200425T145152_20200425T145457_D001  CS_OFFL_SIR_LRM_18_20200425T150162_20200425T150113_D001  CS_OFFL_SIR_LRM_18_20200425T150162_20200425T150144_D001  CS_OFFL_SIR_LRM_18_20200425T150162_20200425T150144_D001  CS_OFFL_SIR_LRM_18_20200425T150162_20200425T150144_D001  CS_OFFL_SIR_LRM_18_20200425T150142_20200425T150144_D001  CS_OFFL_SIR_LRM_18_20200425T150142_20200425T150144_D001  CS_OFFL_SIR_LRM_18_20200425T150142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T150142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T150142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T150142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T160142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T160142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T160142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T160142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T160142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T160142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T160142_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T160145_20200425T160145_D001  CS_OFFL_SIR_LRM_18_20200425T160145_20200425T104145_D001  CS_OFFL_SIR_LRM_18_20200425T160145_20200425T104145_D001  CS_OFFL_SIR_LRM_18_20200425T10144_20200425T10415_D001  CS_OFFL_SIR_LRM_18_20200425T10144_20200425T10405_D001  CS_OFFL_SIR_LRM_18_20200425T1044_20200425T10405_D001  C			
CS_OFFL_SIR_LRM_18_202042FT145162_202042FT145030_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT145021_202042FT15013_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT15012S_202042FT15014S_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT15012S_202042FT15014S_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT150508_202042FT15013D_001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT150508_202042FT150509_001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT150508_202042FT13359_001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT150404_202042FT13359_001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT185042_202042FT18378_001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT185042_202042FT18390_001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT185042_202042FT18309_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT185042_202042FT18509_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT18508_2020042FT185010_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT18508_2020042FT185010_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT18508_2020042FT185010_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT185010_202042FT185010_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LRM_18_202042FT185010_202042FT185010_0001  Loss of exho  The tracking exho is m			·
CS_OFFL_SIR_LRM_18_20000425T190106_2000425T19013_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20000425T190106_2000425T190112_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2000425T190142_2000425T190144_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2000425T1901432_2000425T1901408_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2000425T1901432_2000425T1901408_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2000425T190140_2000425T1901408_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2000425T190140_2000425T1901730_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2000425T190140_2000425T1901730_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2000425T19018014_2000425T1901730_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2000425T19018014_2000425T190170_0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20000425T19018014_2000425T1901001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20000425T190190_2000425T1901001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20000425T190190_2000425T1901001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20000425T190190_2000425T1901001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20000425T1901901_2000425T1901001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20000425T1901001_2000425T1901001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20000425T1901001_2000425T1901001  Loss of echo The tracking echo is missing			
CS_OFFL_SIR_LEM_18_20000425T150106_20200425T150140_0001 Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T150143_20200425T150144_0,0001 Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T150143_20200425T150144_0,0001 Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T160143_20200425T160143_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T100100_20200425T160019_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T100100_20200425T160019_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T180142_20200425T180142_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T180143_20200425T180142_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T180143_20200425T180142_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T180143_20200425T18014_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T180509_20200425T18015_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T180509_20200425T18013_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T180509_20200425T19013_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T19013_20200425T19013_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T19013_20200425T19013_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T19013_20200425T19013_0001  Loss of exho  The tracking exho is missing for one or more records  CS_OFFL_SIR_LEM_18_20000425T19013_20200425T10013_0001			
CS_OFFL_SIR_LRM_1B_20000425T169428_20000425T19044B_0001  CS_OFFL_SIR_LRM_1B_20000425T169428_20000425T19044B_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T169428_20000425T169459_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T169488_20000425T169599_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T169488_20000425T169599_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T169578_20000425T169578_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T169578_2000425T169578_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T169578_2000425T169580_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T16950_20000425T16950_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T16950_20000425T16950_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T16950_20000425T16950_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T16950_20000425T16950_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T16950_20000425T16950_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T16950_20000425T16950_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T16950_20000425T10951_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T16950_20000425T10951_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20000425T10950_2000425T10951_0001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SI			
CS_OFFL_SIR_LRM_1B_20200425T163482_0200425T163813_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T163482_0200425T163813_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T163484_02000425T183783_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T183412_02000425T183783_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T183742_02000425T183783_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T183742_02000425T183743_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T183742_02000425T183743_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T183842_02000425T18397_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T184382_02000425T185193_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T184506_02000425T18506_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T19439_0200425T194140_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T19399_02000425T194413_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T194113_02000425T194413_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T194113_02000425T19411001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T19393_02000425T19391_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T201303_02000425T10935_0001  Loss of eche The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T201303_0000425T200355_0001  Loss of eche The tr			·
CS_OFFL_SIR_LRM_18_20200425T1635143_20200425T193519_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T163508_20200425T193359_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183745_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183745_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183742_20200425T183743_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183742_20200425T183743_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183742_20200425T183707_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183743_20200425T183507_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183569_D000425T183500_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183569_D000425T194104_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T19413_20200425T194104_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T194313_20200425T1941413_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T19432_20200425T19951_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T19432_20200425T209351_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T20362_20200425T209351_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T20036_20200425T200350_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T20402_20200425T203030_D001 Loss of echo The tracking echo is missing for one or more re			
CS_OFFL_SIR_LRM_18_20200425719304_2000425718314_20001  CS_OFFL_SIR_LRM_18_20200425718374_2000425718373_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425718374_2000425718373_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425718374_2000425718373_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425718374_20004257183810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202004257183814_202004257183810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202004257183814_202004257183810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_2020042571838056_202004257183810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202004257183056_202004257183010_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202004257183019_202004257193010_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202004257193019_202004257193010_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202004257193019_20200425719301001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202004257193019_20200425719019301  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202004257190193_2020042571001930  CS_OFFL_SIR_LRM_18_202004257100150_2020042571001930  CS_OFFL_SIR_LRM_18_202004257100150_2020042571001930  CS_OFFL_SIR_LRM_18_202004257100150_2020042571001930  CS_OFFL_SIR_LRM_18_202004257100150_20200042571001930  CS_OFFL_SIR_LRM_18_202004257100150_2020042571001001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_202004257100150_202004257100150  CS_OFFL_SIR_LRM_18_202004257100150_20001001001  CS_OFFL_SIR_LRM_18_2			·
CS_OFFL_SIR_LRM_18_20200425T10342_20200425T10374_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T10374_20200425T10374_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T10374_20200425T10374_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T10374_20200425T10374_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T103374_D001001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T103374_D001001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T103050_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T103050_D0001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T103050_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T103050_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T103050_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T103030_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T109030_D000425T201031_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T200302_D000425T201031_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T200002_D000425T201031_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T200002_D000425T200005_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T200002_D000425T200005_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T200002_D000425T200001_D001  Loss of echo The		Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T18374_20200425T18378_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T18374_20200425T183810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T183814_20200425T183807_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T183584_20200425T183907_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T185569_20200425T185112_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T185569_20200425T19330_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T1930019_20200425T194104_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T19413_20200425T194104_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T19413_20200425T194104_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T19413_20200425T194104_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T19413_20200425T19413_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T194152_0200425T201931_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T20152_0200425T201931_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T201932_2000425T201931_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T201932_2000425T201931_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T2040_20200425T203931_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T2040_20200425T203931_D001  Loss o			·
CS_OFFL_SIR_LRM_18_20200425T183742_20200425T183810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183812_20200425T183810_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T184328_20200425T185112_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_18_20200425T186569_20200425T185659_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T186569_20200425T191330_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T194113_20200425T194130_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T194113_20200425T194143_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T19412_20200425T194143_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T19412_20200425T194113_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T195393_20200425T200055_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T201932_20200425T201937_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T202011_20200425T202035_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T202011_20200425T202035_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T202011_20200425T20303612_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T203055_D000425T2030512_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T214241_20200425T21425_D001  Loss of echo  The tracking echo is missing for one or more re			The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20200425T183745_20200425T183810_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T183814_20200425T183907_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T185509_20200425T185500_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T185509_20200425T191330_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T185509_20200425T194104_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T194113_20200425T194141_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T194113_20200425T194113_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T19413_20200425T195811_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T201932_02000425T201931_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T201932_02000425T201931_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T201932_02000425T20209_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T201940_20200425T202035_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T2142020202035T20303_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T21442_02000425T20303_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T213442_02000425T20303_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T213447_0200425T21303_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_18_20200425T20317_20200425T203135_D001 Loss of echo The tracking echo is			The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T183814_20200425T183197_D001			The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T184326_20200425T185911_D001			The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20200425T194113_20200425T195911_D001	CS_OFFL_SIR_LRM_1B_20200425T185656_20200425T191330_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20200425T212420_2020425T213033_D001  Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T213247_20200425T213944_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T214241_20200425T214257_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T215345_20200425T220112_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220117_20200425T220125_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220127_20200425T220136_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220141_20200425T220159_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220237_20200425T220320_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T22037_20200425T220320_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T231355_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T224512_20200425T23428_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  CS_OFFL_SIR_LRM_1B_20200425T2333655_20200425T234228_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20200425T202011_20200425T202355_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T213247_20200425T213944_D001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20200425T202555_20200425T203612_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T214241_20200425T214257_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T215345_20200425T220112_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220117_20200425T220125_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220127_20200425T220136_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220141_20200425T220159_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220237_20200425T220320_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T223857_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T2231355_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_20200425T224512_20200425T231355_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_20200425T22355_20200425T234228_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_20200425T212420_20200425T213003_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T220117_20200425T220112_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220117_20200425T220125_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220127_20200425T220136_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220141_20200425T220159_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T22037_20200425T220320_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T223857_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T231355_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_20200425T223655_20200425T234228_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_20200425T223655_20200425T234228_D001  Loss of echo  The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20200425T213247_20200425T213944_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T220117_20200425T220125_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220127_20200425T220136_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220141_20200425T220159_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T220237_20200425T220320_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T223857_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T231355_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T224512_20200425T231355_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_20200425T214241_20200425T214257_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T220127_20200425T220136_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 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_20200425T215345_20200425T220112_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T220141_20200425T220159_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_20200425T223517_20200425T223857_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T224512_20200425T231355_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T2234512_20200425T234228_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_20200425T220117_20200425T220125_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T220237_20200425T220320_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T223857_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T224512_20200425T231355_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_20200425T220127_20200425T220136_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T223857_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T224512_20200425T231355_D001  Loss of echo  The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T233655_20200425T234228_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_20200425T220141_20200425T220159_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T224512_20200425T231355_D001 Loss of echo The tracking echo is missing for one or more records  CS_OFFL_SIR_LRM_1B_20200425T233655_20200425T234228_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20200425T220237_20200425T220320_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T233655_20200425T234228_D001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20200425T223517_20200425T223857_D001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20200425T224512_20200425T231355_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200425T234230_20200425T234336_D001 Loss of echo The tracking echo is missing for one or more records			
	CS_OFFL_SIR_LRM_1B_20200425T234230_20200425T234336_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_20200425T022426_20200425T022800_D001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

## 5. Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

Number of products with errors:

#### 5.2 L2 Product Header Analysis

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

Number of products with errors:

0

#### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

## 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

### 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220200424T233600_20200425T000323_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_220200425T002610_20200425T003331_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T003600_20200425T004004_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_220200425T004006_20200425T010233_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_220200425T011548_20200425T015025_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_220200425T020345_20200425T020500_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_220200425T025515_20200425T031728_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_220200425T032013_20200425T032901_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model Unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T034110_20200425T034126_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model Unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T040127_20200425T042100_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_220200425T043423_20200425T050707_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20200425T050959_20200425T051132_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T053105_20200425T055558_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_220200425T061426_20200425T063023_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_220200425T063025_20200425T063148_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_220200425T063629_20200425T064425_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model Unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20200425T070444_20200425T072028_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20200425T072242_20200425T073732_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model Unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T075325_20200425T080817_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_220200425T080956_20200425T082427_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_220200425T083140_20200425T083147_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T084454_20200425T084638_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T084749_20200425T085755_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_220200425T085823_20200425T085922_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T090433_20200425T091923_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_220200425T093303_20200425T095543_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_220200425T100244_20200425T100418_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T102135_20200425T102154_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_220200425T103140_20200425T103451_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_220200425T103454_20200425T105839_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_220200425T111157_20200425T111423_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_220200425T111459_20200425T113652_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_220200425T121028_20200425T123719_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_220200425T125055_20200425T131949_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_220200425T132717_20200425T132907_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_220200425T134210_20200425T141618_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_220200425T142931_20200425T143353_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_220200425T143428_20200425T143550_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_220200425T150544_20200425T150930_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_220200425T152153_20200425T153031_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_220200425T153317_20200425T155539_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_220200425T160845_20200425T162153_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_220200425T162340_20200425T162941_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_220200425T163143_20200425T163613_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_220200425T170040_20200425T173359_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_220200425T175232_20200425T182331_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_220200425T184326_20200425T185112_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_220200425T185509_20200425T185650_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_220200425T185656_20200425T191330_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_220200425T193019_20200425T194104_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_220200425T194626_20200425T195811_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_220200425T195939_20200425T200055_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200425T202555_20200425T203612_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_220200425T203752_20200425T205220_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_220200425T211147_20200425T212243_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_220200425T212420_20200425T213003_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_220200425T213247_20200425T213944_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_220200425T214241_20200425T214257_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_220200425T220850_20200425T223150_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_220200425T224512_20200425T231355_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_220200425T233502_20200425T233540_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_220200425T234518_20200426T001122_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