

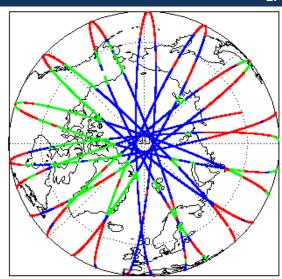
## 1. Overview

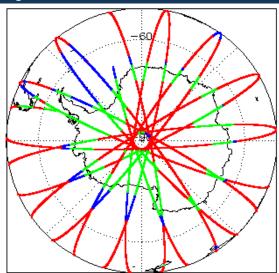
Report Production Date:	27-Mar-2020
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

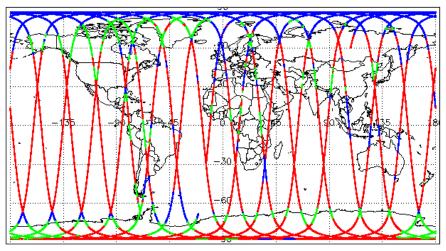
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

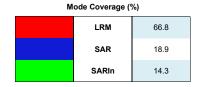
Mission / Instrument News	
25-Feb-2020	None
26-Feb-2020	None
27-Feb-2020 SIRAL unavailability on 27-Feb-2020 from 15:33:44 to 17:24:24 due to a planned orbit manoeuvre.	

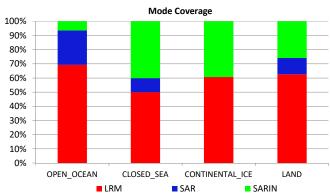
# 2. Global Coverage

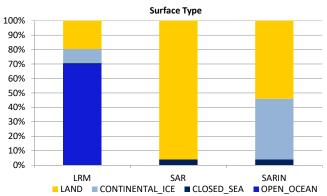












### 3. Instrument Configuration

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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20200226T000450_20200226T001414_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T001733_20200226T002230_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T002513_20200226T003207_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T004610_20200226T005003_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T005006_20200226T005013_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T005016_20200226T005215_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T005219_20200226T005245_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T005248_20200226T005410_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T005414_20200226T005435_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T005458_20200226T005545_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T005946_20200226T010015_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T013730_20200226T020537_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T020540_20200226T020625_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T020852_20200226T021114_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T022933_20200226T023447_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T023538_20200226T023601_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T023802_20200226T030347_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T040741_20200226T041055_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T041128_20200226T041324_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T041328_20200226T041446_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T041448_20200226T043233_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T044523_20200226T045112_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T045623_20200226T052010_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T052014_20200226T052014_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T052017_20200226T053010_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T054538_20200226T054607_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T054940_20200226T055122_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T055207_20200226T055241_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T055244_20200226T055249_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T060219_20200226T060547_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T071134_20200226T071243_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T073153_20200226T073325_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T073432_20200226T073921_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T074100_20200226T075110_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T080642_20200226T080906_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T085017_20200226T085029_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T085035_20200226T085132_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T092420_20200226T093705_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T094617_20200226T094813_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T094959_20200226T095316_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T095445_20200226T101037_D001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20200226T101240_20200226T102231_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T102548_20200226T103224_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T104931_20200226T110121_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T110445_20200226T110538_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T110602_20200226T111308_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T112446_20200226T112735_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T115755_20200226T115914_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T115957_20200226T120030_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120033_20200226T120043_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120045_20200226T120111_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120114_20200226T120128_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120131_20200226T120406_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120410_20200226T120434_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120437_20200226T120500_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120503_20200226T120533_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120536_20200226T120547_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120603_20200226T120632_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T120636_20200226T121213_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T122746_20200226T123327_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T123611_20200226T130023_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T130247_20200226T131120_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T131327_20200226T133905_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T134408_20200226T134736_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T140444_20200226T140848_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T141044_20200226T141328_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T141331_20200226T143917_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T145209_20200226T152243_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T152318_20200226T152800_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T164249_20200226T164733_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T165021_20200226T165037_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T165216_20200226T165758_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T170154_20200226T170515_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T170154_20200226T170515_D001 CS_OFFL_SIR_LRM_1B_20200226T172259_20200226T175752_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_20200226T172259_20200226T175752_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200226T172259_20200226T175752_D001 CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_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_20200226T172259_20200226T175752_D001 CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001 CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001	Loss of echo Loss of echo Loss of echo	The tracking echo is missing for one or more records  The tracking echo is missing for one or more records  The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20200226T172259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T204345_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_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
CS_OFFL_SIR_LRM_1B_20200226T172259_20200226T175752_D001 CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001 CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001 CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001 CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001 CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001 CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T205914_D001 CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001 CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T211525_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
CS_OFFL_SIR_LRM_1B_20200226T172259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T204345_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T211525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_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
CS_OFFL_SIR_LRM_1B_20200226T172259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T20301_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T211525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T221743_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_20200226T172259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T20301_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221743_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221743_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 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_20200226T17259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T21739_20200226T221743_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221817_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 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_20200226T172259_20200226T175752_D001 CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001 CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001 CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001 CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001 CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001 CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001 CS_OFFL_SIR_LRM_1B_20200226T204345_20200226T205914_D001 CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001 CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001 CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001 CS_OFFL_SIR_LRM_1B_20200226T21739_20200226T221743_D001 CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221817_D001 CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001 CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_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 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_20200226T172259_20200226T175752_D001 CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001 CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001 CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001 CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001 CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001 CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001 CS_OFFL_SIR_LRM_1B_20200226T204345_20200226T205914_D001 CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001 CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001 CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001 CS_OFFL_SIR_LRM_1B_20200226T21739_20200226T221743_D001 CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001 CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221817_D001 CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221817_D001 CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221880_D001 CS_OFFL_SIR_LRM_1B_20200226T221821_20200226T221845_D001 CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_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_20200226T172259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T204345_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221743_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221817_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221821_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_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_20200226T17259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T20301_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221743_D001  CS_OFFL_SIR_LRM_1B_20200226T221788_20200226T221817_D001  CS_OFFL_SIR_LRM_1B_20200226T2217815_20200226T221817_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_2020226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_2020226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_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_20200226T17259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T204345_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221743_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221821_20200226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_D001  CS_OFFL_SIR_LRM_1B_20200226T221909_20200226T222101_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_20200226T172259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T204345_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T21739_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221817_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_2020226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_2020226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T22139_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T222101_D001  CS_OFFL_SIR_LRM_1B_20200226T222105_20200226T222139_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_20200226T17259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T204345_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221743_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221817_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221821_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T222190_D001  CS_OFFL_SIR_LRM_1B_20200226T222182_20200226T222130_D001  CS_OFFL_SIR_LRM_1B_20200226T222105_20200226T222130_D001  CS_OFFL_SIR_LRM_1B_20200226T222105_20200226T222130_D001  CS_OFFL_SIR_LRM_1B_20200226T222105_20200226T222312_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_20200226T17259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T20301_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221743_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221817_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_2020226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_2020226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_2020226T221907_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T222101_D001  CS_OFFL_SIR_LRM_1B_20200226T222180_20200226T222101_D001  CS_OFFL_SIR_LRM_1B_20200226T222142_20200226T222312_D001  CS_OFFL_SIR_LRM_1B_20200226T222142_20200226T222312_D001  CS_OFFL_SIR_LRM_1B_20200226T222240_20200226T222312_D001  CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T222312_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_20200226T17259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221817_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221821_20200226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221817_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221815_D001  CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T222101_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T222101_D001  CS_OFFL_SIR_LRM_1B_20200226T221909_20200226T222101_D001  CS_OFFL_SIR_LRM_1B_20200226T222105_20200226T222130_D001  CS_OFFL_SIR_LRM_1B_20200226T22240_20200226T222312_D001  CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T222312_D001  CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T222334_D001  CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T22334_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_20200226T172259_20200226T175752_D001 CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001 CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001 CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001 CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001 CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001 CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T203850_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T205914_D001 CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001 CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001 CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001 CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221743_D001 CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001 CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001 CS_OFFL_SIR_LRM_1B_20200226T221821_20200226T221828_D001 CS_OFFL_SIR_LRM_1B_20200226T221830_2020226T221845_D001 CS_OFFL_SIR_LRM_1B_20200226T221830_20200226T221845_D001 CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221845_D001 CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_D001 CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T222190_D001 CS_OFFL_SIR_LRM_1B_20200226T222105_20200226T222139_D001 CS_OFFL_SIR_LRM_1B_20200226T222142_20200226T222312_D001 CS_OFFL_SIR_LRM_1B_20200226T222142_20200226T222312_D001 CS_OFFL_SIR_LRM_1B_20200226T222240_20200226T222312_D001 CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T222324_D001 CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T22334_D001 CS_OFFL_SIR_LRM_1B_20200226T222542_20200226T22334_D001 CS_OFFL_SIR_LRM_1B_20200226T222542_20200226T22334_D001 CS_OFFL_SIR_LRM_1B_20200226T222542_20200226T22334_D001 CS_OFFL_SIR_LRM_1B_20200226T222542_20200226T22334_D001 CS_OFFL_SIR_LRM_1B_20200226T222542_20200226T22344_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_20200226T17259_20200226T175752_D001  CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001  CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001  CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001  CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001  CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001  CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001  CS_OFFL_SIR_LRM_1B_20200226T20301_20200226T205914_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001  CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T21525_D001  CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001  CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221743_D001  CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221809_D001  CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001  CS_OFFL_SIR_LRM_1B_20200226T221821_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221845_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221907_D001  CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T22139_D001  CS_OFFL_SIR_LRM_1B_20200226T222185_20200226T222312_D001  CS_OFFL_SIR_LRM_1B_20200226T222142_20200226T222312_D001  CS_OFFL_SIR_LRM_1B_20200226T222240_20200226T222312_D001  CS_OFFL_SIR_LRM_1B_20200226T222240_20200226T222312_D001  CS_OFFL_SIR_LRM_1B_20200226T222345_20200226T222344_D001  CS_OFFL_SIR_LRM_1B_20200226T222345_20200226T223344_D001  CS_OFFL_SIR_LRM_1B_20200226T222345_20200226T223344_D001  CS_OFFL_SIR_LRM_1B_20200226T222345_20200226T223344_D001  CS_OFFL_SIR_LRM_1B_20200226T222345_20200226T223344_D001  CS_OFFL_SIR_LRM_1B_20200226T222345_20200226T223344_D001  CS_OFFL_SIR_LRM_1B_20200226T222345_20200226T223344_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_20200226T172259_20200226T175752_D001 CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001 CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001 CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001 CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001 CS_OFFL_SIR_LRM_1B_20200226T194323_20200226T194735_D001 CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T205914_D001 CS_OFFL_SIR_LRM_1B_20200226T210301_20200226T210810_D001 CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001 CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001 CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T221743_D001 CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221809_D001 CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221817_D001 CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221845_D001 CS_OFFL_SIR_LRM_1B_20200226T221830_2020226T221845_D001 CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221845_D001 CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T222190_D001 CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T222190_D001 CS_OFFL_SIR_LRM_1B_20200226T22142_20200226T222139_D001 CS_OFFL_SIR_LRM_1B_20200226T222142_20200226T222312_D001 CS_OFFL_SIR_LRM_1B_20200226T222142_20200226T222312_D001 CS_OFFL_SIR_LRM_1B_20200226T222240_20200226T222312_D001 CS_OFFL_SIR_LRM_1B_20200226T222240_20200226T222312_D001 CS_OFFL_SIR_LRM_1B_20200226T222240_20200226T222314_D001 CS_OFFL_SIR_LRM_1B_20200226T222240_20200226T222314_D001 CS_OFFL_SIR_LRM_1B_20200226T222240_20200226T222344_D001 CS_OFFL_SIR_LRM_1B_20200226T222440_20200226T223244_D001 CS_OFFL_SIR_LRM_1B_20200226T2224100_20200226T22324_D001 CS_OFFL_SIR_LRM_1B_20200226T22231529_20200226T23309_D001 CS_OFFL_SIR_LRM_1B_20200226T2231529_20200226T23309_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_20200226T17259_20200226T175752_D001 CS_OFFL_SIR_LRM_1B_20200226T183205_20200226T183849_D001 CS_OFFL_SIR_LRM_1B_20200226T184015_20200226T184209_D001 CS_OFFL_SIR_LRM_1B_20200226T190215_20200226T193013_D001 CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001 CS_OFFL_SIR_LRM_1B_20200226T193024_20200226T193625_D001 CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T194735_D001 CS_OFFL_SIR_LRM_1B_20200226T203845_20200226T203850_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T204008_D001 CS_OFFL_SIR_LRM_1B_20200226T203853_20200226T205914_D001 CS_OFFL_SIR_LRM_1B_20200226T20301_20200226T210810_D001 CS_OFFL_SIR_LRM_1B_20200226T210851_20200226T21525_D001 CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001 CS_OFFL_SIR_LRM_1B_20200226T213322_20200226T214548_D001 CS_OFFL_SIR_LRM_1B_20200226T221739_20200226T221743_D001 CS_OFFL_SIR_LRM_1B_20200226T221748_20200226T221817_D001 CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221817_D001 CS_OFFL_SIR_LRM_1B_20200226T221815_20200226T221828_D001 CS_OFFL_SIR_LRM_1B_20200226T221820_2020226T221828_D001 CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T221845_D001 CS_OFFL_SIR_LRM_1B_20200226T221850_20200226T22210_D001 CS_OFFL_SIR_LRM_1B_20200226T222105_20200226T222312_D001 CS_OFFL_SIR_LRM_1B_20200226T222240_2020226T222312_D001 CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T222324_D001 CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T222324_D001 CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T22334_D001 CS_OFFL_SIR_LRM_1B_20200226T222315_20200226T22334_D001 CS_OFFL_SIR_LRM_1B_20200226T222340_20200226T22334_D001 CS_OFFL_SIR_LRM_1B_20200226T222340_20200226T22334_D001 CS_OFFL_SIR_LRM_1B_20200226T222340_20200226T223244_D001 CS_OFFL_SIR_LRM_1B_20200226T222340_20200226T223324_D001 CS_OFFL_SIR_LRM_1B_20200226T2331942_20200226T233013_D001 CS_OFFL_SIR_LRM_1B_20200226T2331942_20200226T233149_D001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records

#### 4.5 L1B Calibration Usage Check

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

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Number of products with errors:

#### 4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.7 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (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:

#### 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 (LDR) and a product file (LDR).

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.

lumber 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: 53

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220200226T000450_20200226T001414_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_220200226T001733_20200226T002230_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_220200226T003511_20200226T003518_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_220200226T010121_20200226T012425_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_220200226T013730_20200226T020537_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_220200226T022728_20200226T022809_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_220200226T023802_20200226T030347_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_220200226T031700_20200226T035056_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

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CS_OFFL_SIR_LRM_220200226T041448_20200226T043233_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_220200226T045623_20200226T052010_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_220200226T052017_20200226T053010_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_220200226T054408_20200226T054453_D001	Height Error (Retracker 3)	There is a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200226T060611_20200226T060801_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_220200226T060937_20200226T062326_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_220200226T063524_20200226T065817_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_220200226T070102_20200226T071031_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_220200226T074100_20200226T075110_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_220200226T081521_20200226T084637_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_220200226T090456_20200226T092405_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_220200226T092420_20200226T093705_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_220200226T095445_20200226T101037_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_20200226T101240_20200226T102231_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_220200226T104931_20200226T110121_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_20200226T113413_20200226T114905_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_220200226T115044_20200226T115123_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_220200226T120033_20200226T120043_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20200226T120033_20200226T120043_D001  CS_OFFL_SIR_LRM_2_20200226T120131_20200226T120406_D001	Surface Model Unavailable Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records  No DEM or Slope Model was used for the location of one or more records
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CS_OFFL_SIR_LRM_220200226T120131_20200226T120406_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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 and a height error
CS_OFFL_SIR_LRM_220200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_220200226T123611_20200226T130023_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_220200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_220200226T131327_20200226T133905_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) 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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001  CS_OFFL_SIR_LRM_2_20200226T141331_20200226T143917_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Er	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_2_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001  CS_OFFL_SIR_LRM_2_20200226T141331_20200226T143917_D001  CS_OFFL_SIR_LRM_2_20200226T145209_20200226T152243_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  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_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001  CS_OFFL_SIR_LRM_2_20200226T141331_20200226T143917_D001  CS_OFFL_SIR_LRM_2_20200226T145209_20200226T152243_D001  CS_OFFL_SIR_LRM_2_20200226T145500_20200226T161823_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001  CS_OFFL_SIR_LRM_2_20200226T141331_20200226T143917_D001  CS_OFFL_SIR_LRM_2_20200226T145209_20200226T152243_D001  CS_OFFL_SIR_LRM_2_20200226T154550_20200226T161823_D001  CS_OFFL_SIR_LRM_2_20200226T154550_20200226T161823_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  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_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001  CS_OFFL_SIR_LRM_2_20200226T141331_20200226T143917_D001  CS_OFFL_SIR_LRM_2_20200226T145209_20200226T152243_D001  CS_OFFL_SIR_LRM_2_20200226T154550_20200226T161823_D001  CS_OFFL_SIR_LRM_2_20200226T163114_20200226T163738_D001  CS_OFFL_SIR_LRM_2_20200226T163114_20200226T165758_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  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
CS_OFFL_SIR_LRM_2_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001  CS_OFFL_SIR_LRM_2_20200226T141331_20200226T143917_D001  CS_OFFL_SIR_LRM_2_20200226T145209_20200226T152243_D001  CS_OFFL_SIR_LRM_2_20200226T154550_20200226T161823_D001  CS_OFFL_SIR_LRM_2_20200226T163114_20200226T163738_D001  CS_OFFL_SIR_LRM_2_20200226T165216_20200226T165758_D001  CS_OFFL_SIR_LRM_2_20200226T165216_20200226T170949_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  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
CS_OFFL_SIR_LRM_2_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001  CS_OFFL_SIR_LRM_2_20200226T141331_20200226T143917_D001  CS_OFFL_SIR_LRM_2_20200226T145209_20200226T152243_D001  CS_OFFL_SIR_LRM_2_20200226T154550_20200226T161823_D001  CS_OFFL_SIR_LRM_2_20200226T163114_20200226T163738_D001  CS_OFFL_SIR_LRM_2_20200226T165216_20200226T165758_D001  CS_OFFL_SIR_LRM_2_20200226T170902_20200226T170949_D001  CS_OFFL_SIR_LRM_2_20200226T170902_20200226T175752_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Height Error (Retracker 3), Backscatter Error (Retracker 4), Backsca	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  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  There is a height and backscatter error for Retracker 2 and 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_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001  CS_OFFL_SIR_LRM_2_20200226T141331_20200226T143917_D001  CS_OFFL_SIR_LRM_2_20200226T145209_20200226T152243_D001  CS_OFFL_SIR_LRM_2_20200226T154550_20200226T161823_D001  CS_OFFL_SIR_LRM_2_20200226T163114_20200226T163738_D001  CS_OFFL_SIR_LRM_2_20200226T165216_20200226T165758_D001  CS_OFFL_SIR_LRM_2_20200226T170902_20200226T170949_D001  CS_OFFL_SIR_LRM_2_20200226T172259_20200226T175752_D001  CS_OFFL_SIR_LRM_2_20200226T181008_20200226T182939_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatte	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 and 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 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20200226T120131_20200226T120406_D001  CS_OFFL_SIR_LRM_2_20200226T123611_20200226T130023_D001  CS_OFFL_SIR_LRM_2_20200226T131327_20200226T133905_D001  CS_OFFL_SIR_LRM_2_20200226T134859_20200226T134938_D001  CS_OFFL_SIR_LRM_2_20200226T141331_20200226T143917_D001  CS_OFFL_SIR_LRM_2_20200226T145209_20200226T152243_D001  CS_OFFL_SIR_LRM_2_20200226T154550_20200226T161823_D001  CS_OFFL_SIR_LRM_2_20200226T154550_20200226T163738_D001  CS_OFFL_SIR_LRM_2_20200226T165216_20200226T165758_D001  CS_OFFL_SIR_LRM_2_20200226T170902_20200226T170949_D001  CS_OFFL_SIR_LRM_2_20200226T170902_20200226T175752_D001  CS_OFFL_SIR_LRM_2_20200226T181008_20200226T182939_D001  CS_OFFL_SIR_LRM_2_20200226T181008_20200226T183849_D001	Surface Model Unavailable  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Ba	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 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  There is a height and backscatter error for Retracker 2 for one or more records  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  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records  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_220200226T204345_20200226T205914_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_220200226T210301_20200226T210810_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_220200226T210851_20200226T211525_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_220200226T213322_20200226T214548_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_220200226T214709_20200226T215948_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_220200226T220050_20200226T220401_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_220200226T222542_20200226T223649_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_220200226T224100_20200226T225424_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_220200226T230956_20200226T231428_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_220200226T232735_20200226T234012_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_220200226T234136_20200226T234313_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records