



## IDEAS-QA4E®

Status

**Nominal** 



### 1. Overview

Check

Server check: science-pds.cryosat.esa.int

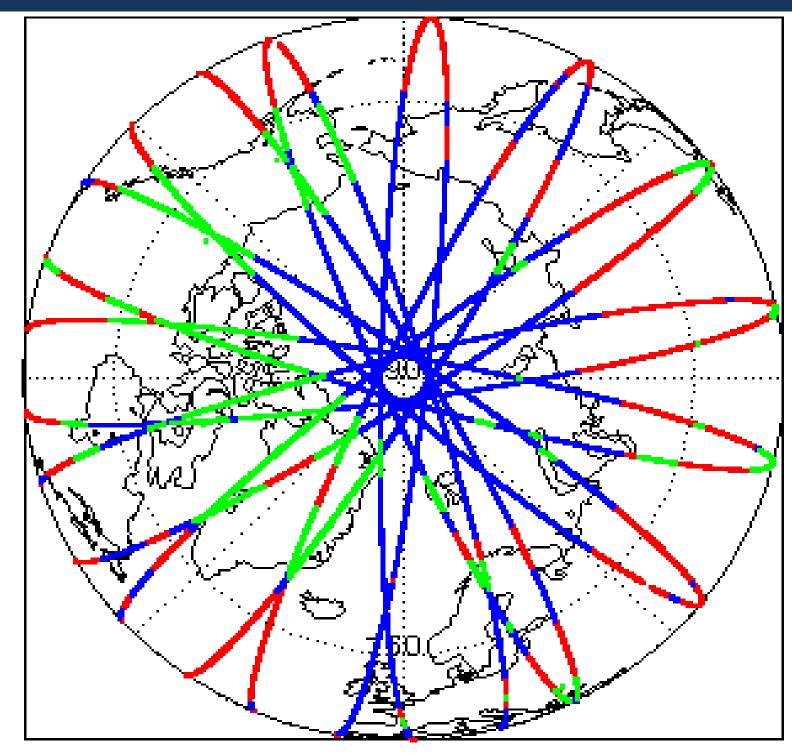
Report Production Date:	16-Mar-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

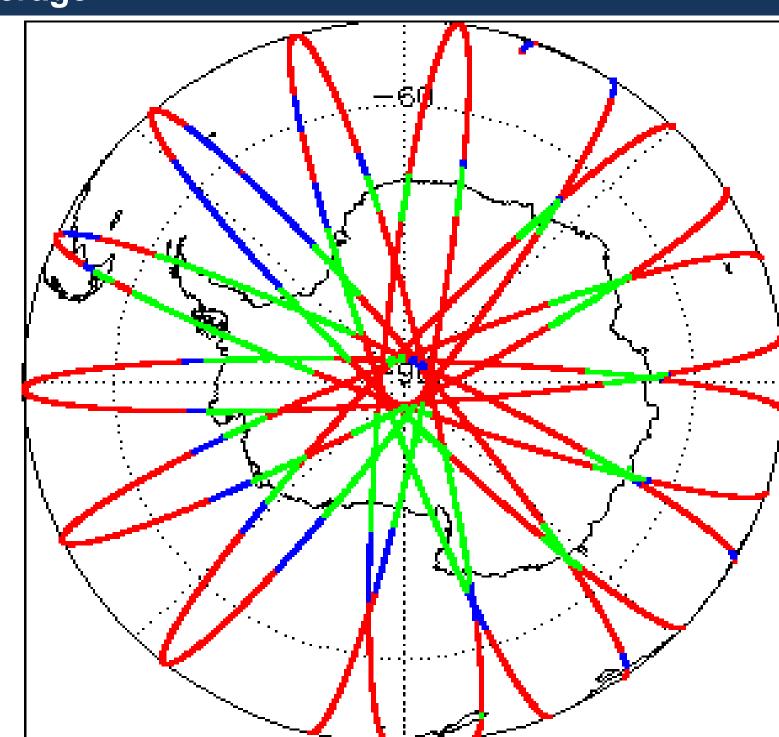
We would love to hear from you!	Please
let us know your feedback about these daily qual	ity reports:
What do you like/ dislike? What quality informati	on do you
need? Send your feedback to	
cs2_qc_team@telespazio.com	

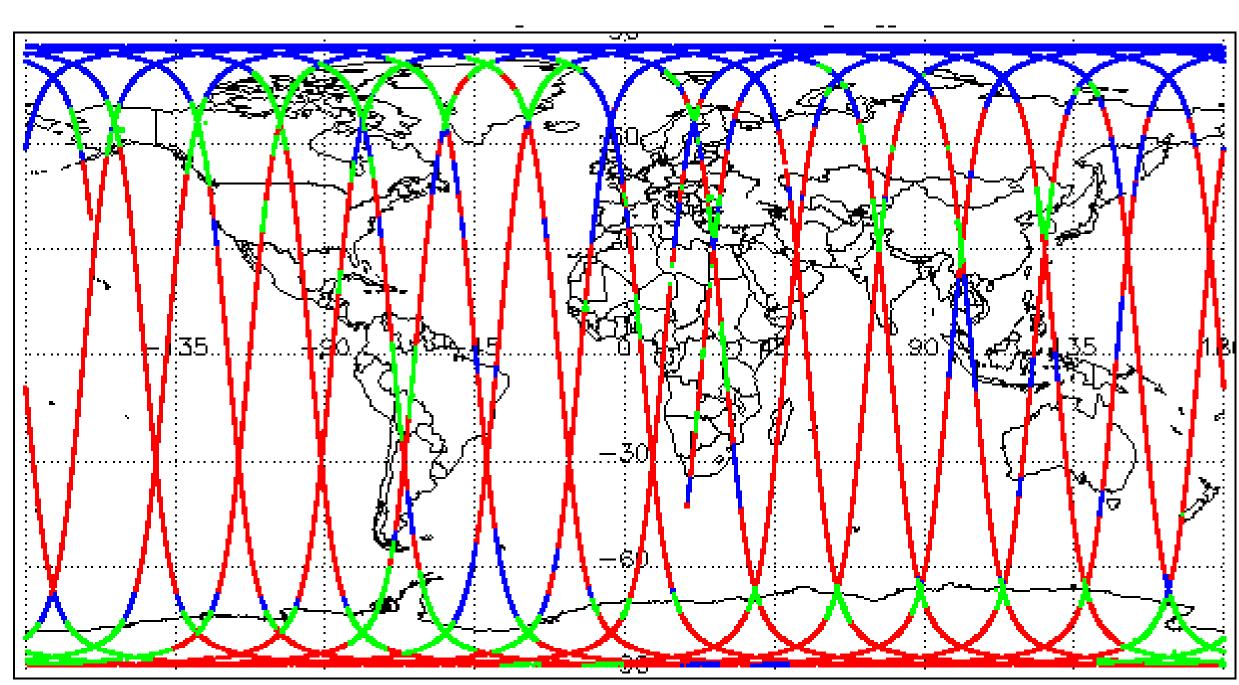
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 4.7 and 5.4
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

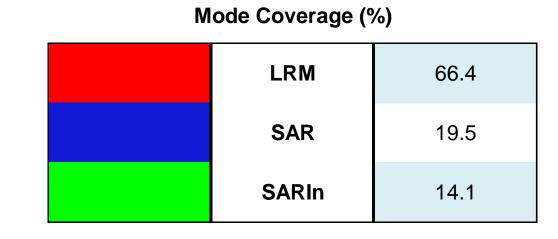
Mission / Instru	ment News
10-Feb-2023	None
11-Feb-2023	None
12-Feb-2023	Nothing planned

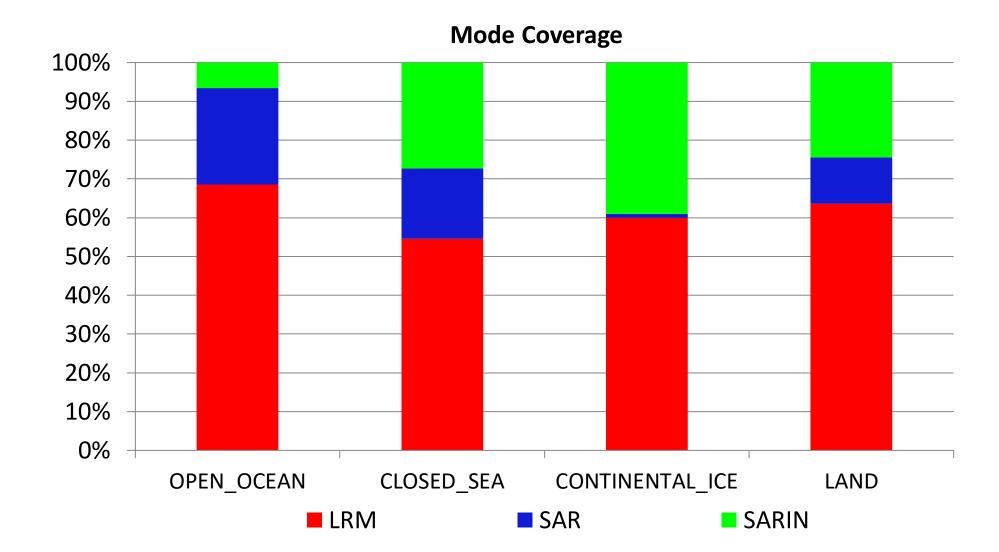
# 2. Global Coverage

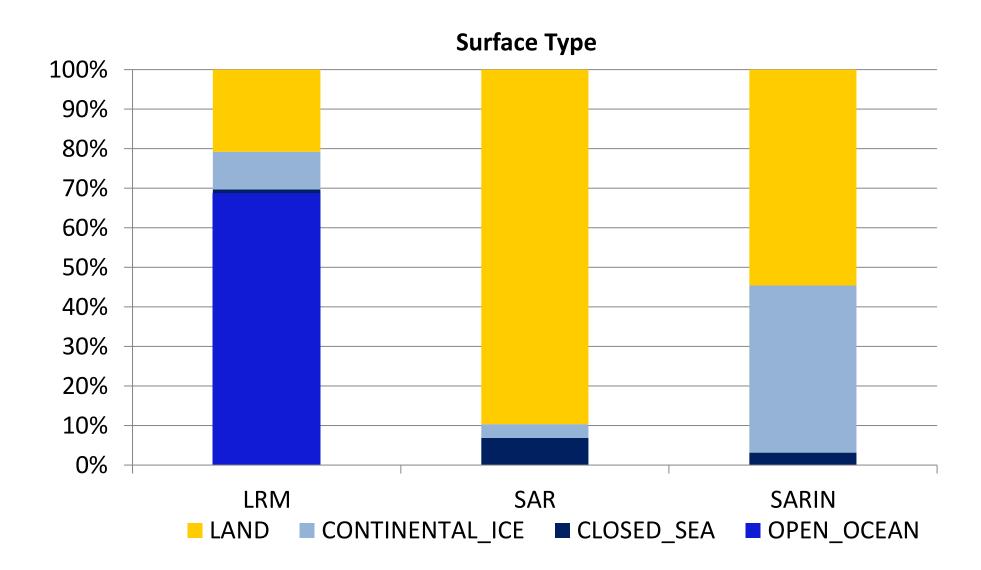












### 3. Instrument Configuration

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:

#### 4.3 Star Tracker Usage Check

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

Number of products with errors:

#### **4.4 L1B Tracking Flags Check**

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

0

0

0

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: 133

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20230211T002334_20230211T002502_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T002513_20230211T002558_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T002600_20230211T002621_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T003242_20230211T005717_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T014509_20230211T014634_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T020830_20230211T021311_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T021351_20230211T023239_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T024948_20230211T031945_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T032406_20230211T032431_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T032433_20230211T032435_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T032437_20230211T032443_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T032447_20230211T032506_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T032508_20230211T032522_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T032531_20230211T032632_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T035812_20230211T041125_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T042009_20230211T042206_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T042844_20230211T044430_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T045922_20230211T050009_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T050011_20230211T050016_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T050019_20230211T050021_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T050024_20230211T050026_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T050028_20230211T050029_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T050031_20230211T050034_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T050039_20230211T050043_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T050045_20230211T050124_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T050127_20230211T050149_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T050154_20230211T050618_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T052312_20230211T053514_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T054037_20230211T054219_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T054225_20230211T054236_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T054239_20230211T054320_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T054324_20230211T054335_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T054341_20230211T054341_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T054346_20230211T054941_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T063151_20230211T063257_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T063519_20230211T063539_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T063607_20230211T063608_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T063611_20230211T063843_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T063847_20230211T063904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T063906_20230211T063926_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T063928_20230211T064024_E001	Loss of echo	The tracking echo is missing for one or more records

	1	1
CS_OFFL_SIR_LRM_1B_20230211T064029_20230211T064039_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T064043_20230211T064043_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T064046_20230211T064148_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T064152_20230211T064313_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T064315_20230211T064321_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T064323_20230211T064601_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T070132_20230211T070843_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T071006_20230211T073419_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T073644_20230211T074509_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T074720_20230211T081331_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T081658_20230211T082132_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T083839_20230211T084226_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T084438_20230211T084534_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T084536_20230211T084635_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T084637_20230211T091308_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T092605_20230211T095235_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T095237_20230211T095402_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T095706_20230211T095835_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T095919_20230211T100148_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T111625_20230211T112045_E001	Loss of echo	The tracking echo is missing for one or more records
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T112549_20230211T113205_E001  CS_OFFL_SIR_LRM_1B_20230211T113452_20230211T113504_E001		
CS_OFFL_SIR_LRM_1B_20230211T113452_20230211T113504_E001 CS_OFFL_SIR_LRM_1B_20230211T113506_20230211T113525_E001	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_20230211T113506_20230211T113525_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T113543_20230211T113630_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T113632_20230211T113716_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T114151_20230211T114203_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T130718_20230211T131243_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T131356_20230211T131425_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T131506_20230211T131609_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T133603_20230211T140433_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T140435_20230211T140953_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T141721_20230211T142135_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T151232_20230211T151252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T151254_20230211T151348_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T151352_20230211T151414_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T153132_20230211T153306_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T153308_20230211T153329_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T153331_20230211T153332_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T153340_20230211T154208_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T160726_20230211T161832_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T161838_20230211T161950_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T165141_20230211T165157_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T165202_20230211T165222_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T165230_20230211T165248_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T165253_20230211T165439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T165443_20230211T165550_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T165552_20230211T165715_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T170123_20230211T171052_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T171255_20230211T172010_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T174931_20230211T175222_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T175225_20230211T175244_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T175246_20230211T175256_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T175258_20230211T175344_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T180119_20230211T180514_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T180516_20230211T180516_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T180519_20230211T180933_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T181103_20230211T181417_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T181103_20230211T181417_E001 CS_OFFL_SIR_LRM_1B_20230211T183023_20230211T183423_E001	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
CS_OFFL_SIR_LRM_1B_20230211T181103_20230211T181417_E001 CS_OFFL_SIR_LRM_1B_20230211T183023_20230211T183423_E001 CS_OFFL_SIR_LRM_1B_20230211T183426_20230211T183436_E001	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
CS_OFFL_SIR_LRM_1B_20230211T181103_20230211T181417_E001 CS_OFFL_SIR_LRM_1B_20230211T183023_20230211T183423_E001 CS_OFFL_SIR_LRM_1B_20230211T183426_20230211T183436_E001 CS_OFFL_SIR_LRM_1B_20230211T183439_20230211T183448_E001	Loss of echo 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  The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T181103_20230211T181417_E001 CS_OFFL_SIR_LRM_1B_20230211T183023_20230211T183423_E001 CS_OFFL_SIR_LRM_1B_20230211T183426_20230211T183436_E001 CS_OFFL_SIR_LRM_1B_20230211T183439_20230211T183448_E001 CS_OFFL_SIR_LRM_1B_20230211T183450_20230211T183453_E001	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_20230211T181103_20230211T181417_E001 CS_OFFL_SIR_LRM_1B_20230211T183023_20230211T183423_E001 CS_OFFL_SIR_LRM_1B_20230211T183426_20230211T183436_E001 CS_OFFL_SIR_LRM_1B_20230211T183439_20230211T183448_E001 CS_OFFL_SIR_LRM_1B_20230211T183450_20230211T183453_E001 CS_OFFL_SIR_LRM_1B_20230211T183455_20230211T183459_E001	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
CS_OFFL_SIR_LRM_1B_20230211T181103_20230211T181417_E001 CS_OFFL_SIR_LRM_1B_20230211T183023_20230211T183423_E001 CS_OFFL_SIR_LRM_1B_20230211T183426_20230211T183436_E001 CS_OFFL_SIR_LRM_1B_20230211T183439_20230211T183448_E001 CS_OFFL_SIR_LRM_1B_20230211T183450_20230211T183453_E001 CS_OFFL_SIR_LRM_1B_20230211T183455_20230211T183459_E001 CS_OFFL_SIR_LRM_1B_20230211T183455_20230211T183510_E001	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
CS_OFFL_SIR_LRM_1B_20230211T181103_20230211T181417_E001 CS_OFFL_SIR_LRM_1B_20230211T183023_20230211T183423_E001 CS_OFFL_SIR_LRM_1B_20230211T183426_20230211T183436_E001 CS_OFFL_SIR_LRM_1B_20230211T183439_20230211T183448_E001 CS_OFFL_SIR_LRM_1B_20230211T183450_20230211T183453_E001 CS_OFFL_SIR_LRM_1B_20230211T183455_20230211T183459_E001	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

CS_OFFL_SIR_LRM_1B_20230211T183615_20230211T183634_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T183636_20230211T183748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T183752_20230211T183928_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T183930_20230211T183935_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T183938_20230211T184005_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T184008_20230211T184050_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T184254_20230211T184357_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T191505_20230211T191629_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T192032_20230211T194400_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T194402_20230211T195538_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T200959_20230211T201253_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T201309_20230211T201655_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T202049_20230211T204725_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T212925_20230211T213213_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T215022_20230211T215556_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T215609_20230211T215823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T215825_20230211T215827_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T215829_20230211T215859_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T215901_20230211T220515_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T220518_20230211T222649_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T223303_20230211T223635_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T232736_20230211T232913_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T233124_20230211T233510_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T233912_20230211T234029_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T234212_20230211T234700_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230211T234744_20230211T235209_E001	Loss of echo	The tracking echo is missing for one or more records
	1	ı

#### 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 for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

3

0

#### 4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag 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 Applied 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: 2

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20230211T035812_20230211T041125_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

# 5. Level 2 Data Quality Check

# 5.1 L2 Product Format Check

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

Number of products with errors:

#### **5.2 L2 Product Header Analysis**

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

Number of products with errors:

#### **5.3 L2 Auxiliary Data File Usage Check**

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

Number of products with errors:

0

### **5.4 L2 Auxiliary Correction Error Check**

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

106

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.

Sea State Bias error: This flag is currently set in all L2 LRM products over ocean, indicating a problem with the sea state bias Due to a known anomaly, the sea state bias field is currently unfilled in all Baseline-E L2 LRM products. This anomaly will be resolved in the next IPF update.

Snow Depth Model error: This flag is currently set in all L2 SAR products over ocean, which fall outside of the extent of the current snow depth model. Currently the snow depth model is only available over the high-latitude Arctic. There is no model currently provided for the Antarctic or marginal Arctic regions. An updated model will be provided in the next IPF update.

Number of products with errors:

Product Products With Circles.	Toot Foiled	Description
CS_OFFL_SIR_SAR_220230211T000405_20230211T000446_E001	Test Failed Snow depth model	There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T001448_20230211T001800_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T002000_20230211T002334_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T002622_20230211T002941_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T010658_20230211T010911_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T014416_20230211T014452_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T014458_20230211T014459_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide, Snow depth model	There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model Ionospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T014501_20230211T014509_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T015348_20230211T015800_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T015817_20230211T020830_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T023239_20230211T023410_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T023618_20230211T023745_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T024817_20230211T024948_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T031945_20230211T032348_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T032350_20230211T032406_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T033816_20230211T033852_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T035733_20230211T035812_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T041125_20230211T041733_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T044431_20230211T044632_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T051808_20230211T051904_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T052024_20230211T052312_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T054941_20230211T055028_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T060756_20230211T060806_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T062301_20230211T062801_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T062801_20230211T063151_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T065436_20230211T065459_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T065642_20230211T070009_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T073420_20230211T073452_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T074714_20230211T074720_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T091308_20230211T091431_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T095621_20230211T095706_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T100148_20230211T101335_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T105214_20230211T105424_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T110506_20230211T110510_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T111133_20230211T111625_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T113206_20230211T113247_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T113847_20230211T114001_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T114019_20230211T114151_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T114356_20230211T114434_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T115448_20230211T115525_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T123153_20230211T123357_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

		There is an arror with the Snew Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T124350_20230211T124408_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T131243_20230211T131356_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T131610_20230211T131722_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T131722_20230211T132205_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T132214_20230211T132451_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T132545_20230211T133603_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T140954_20230211T141112_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T141715_20230211T141721_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T142242_20230211T142331_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T145104_20230211T145222_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T145959_20230211T150034_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T151414_20230211T151420_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T151425_20230211T151430_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T151433_20230211T151731_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T151804_20230211T151845_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T152652_20230211T153132_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T154208_20230211T154219_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T154219_20230211T154342_E001	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T155614_20230211T155620_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T155627_20230211T155633_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T160024_20230211T160345_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T160359_20230211T160726_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T161950_20230211T162140_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T163020_20230211T163147_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T163351_20230211T163602_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model
CS OFFI SIR SAR 2 20230211T163832 20230211T163859 F001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230211T163832_20230211T163859_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T163832_20230211T163859_E001  CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide	There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_220230211T171053_20230211T171255_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model  Snow depth model	There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_220230211T171053_20230211T171255_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_220230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model  Snow depth model	There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model  Snow depth model  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model  Snow depth model  Snow depth model  Snow depth model	There is an error with the Dry tropospheric corrrection, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric corrrection, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric corrrection, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric corrrection, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_220230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T183553_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric corrrection, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1818353_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1818353_20230211T183553_E001  CS_OFFL_SIR_SAR_2_20230211T184358_20230211T184400_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	There is an error with the Dry tropospheric corrrection, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model Ionospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1818353_20230211T183553_E001  CS_OFFL_SIR_SAR_2_20230211T184358_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184400_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outs
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1818355_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1818355_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1818355_20230211T183553_E001  CS_OFFL_SIR_SAR_2_20230211T184358_20230211T184400_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model Ionospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outs
CS_OFFL_SIR_SAR_220230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1818353_20230211T183553_E001  CS_OFFL_SIR_SAR_2_20230211T184358_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184400_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outs
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T184358_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184618_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outs
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1818355_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T184358_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	There is an error with the Dry tropospheric corrrection, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T183535_20230211T183553_E001  CS_OFFL_SIR_SAR_2_20230211T184458_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is a
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1815355_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T183535_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T1844624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T1846624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T191949_20230211T192032_E001  CS_OFFL_SIR_SAR_2_20230211T191949_20230211T192032_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is a
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T183535_20230211T183553_E001  CS_OFFL_SIR_SAR_2_20230211T184358_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T1890751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model.  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth mode
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181535_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T181535_20230211T181553_E001  CS_OFFL_SIR_SAR_2_20230211T184558_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184408_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T192032_E001  CS_OFFL_SIR_SAR_2_20230211T191949_20230211T192032_E001  CS_OFFL_SIR_SAR_2_20230211T191949_20230211T192032_E001  CS_OFFL_SIR_SAR_2_20230211T201702_20230211T201700_E001  CS_OFFL_SIR_SAR_2_20230211T201702_20230211T201704_E001  CS_OFFL_SIR_SAR_2_20230211T201702_20230211T201704_E001  CS_OFFL_SIR_SAR_2_20230211T201702_20230211T201704_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outs
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T181103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T1818353_20230211T183553_E001  CS_OFFL_SIR_SAR_2_20230211T184358_20230211T184400_E001  CS_OFFL_SIR_SAR_2_20230211T184404_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T201702_20230211T201700_E001  CS_OFFL_SIR_SAR_2_20230211T201702_20230211T201704_E001  CS_OFFL_SIR_SAR_2_20230211T201702_20230211T205949_E001  CS_OFFL_SIR_SAR_2_20230211T201702_20230211T215022_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outs
CS_OFFL_SIR_SAR_2_20230211T165140_20230211T165141_E001  CS_OFFL_SIR_SAR_2_20230211T171053_20230211T171255_E001  CS_OFFL_SIR_SAR_2_20230211T172011_20230211T172125_E001  CS_OFFL_SIR_SAR_2_20230211T172821_20230211T172835_E001  CS_OFFL_SIR_SAR_2_20230211T173516_20230211T173518_E001  CS_OFFL_SIR_SAR_2_20230211T173526_20230211T173532_E001  CS_OFFL_SIR_SAR_2_20230211T174632_20230211T174931_E001  CS_OFFL_SIR_SAR_2_20230211T180934_20230211T18103_E001  CS_OFFL_SIR_SAR_2_20230211T181540_20230211T181802_E001  CS_OFFL_SIR_SAR_2_20230211T181835_20230211T181911_E001  CS_OFFL_SIR_SAR_2_20230211T184535_20230211T183553_E001  CS_OFFL_SIR_SAR_2_20230211T184538_20230211T184600_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T184618_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T185119_E001  CS_OFFL_SIR_SAR_2_20230211T184624_20230211T180751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T190739_20230211T190751_E001  CS_OFFL_SIR_SAR_2_20230211T201656_20230211T201700_E001  CS_OFFL_SIR_SAR_2_20230211T201656_20230211T201700_E001  CS_OFFL_SIR_SAR_2_20230211T201656_20230211T201700_E001  CS_OFFL_SIR_SAR_2_20230211T201702_20230211T201704_E001  CS_OFFL_SIR_SAR_2_20230211T205845_20230211T205949_E001  CS_OFFL_SIR_SAR_2_20230211T2075845_20230211T205949_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide  Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Dry tropospheric correction, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records falls outs

CS_OFFL_SIR_SAR_220230211T223754_20230211T223908_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T231552_20230211T231601_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T232420_20230211T232736_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T232913_20230211T233123_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T233545_20230211T233635_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T233821_20230211T233912_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230211T235712_20230211T235849_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_220230211T010354_20230211T010658_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230211T023745_20230211T024043_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230211T024257_20230211T024817_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230211T041734_20230211T042008_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230211T105425_20230211T105808_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230211T123357_20230211T123714_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230211T155842_20230211T160024_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230211T173707_20230211T174321_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230211T191630_20230211T191949_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

### **5.5 L2 Measurement Quality Flag Check**

CryoSat L2 data includes a quality flag 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.

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.

**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.

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.

**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.

Number of products with errors: 235

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230210T233018_20230211T000404_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230211T001800_20230211T001849_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T002600_20230211T002621_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T003242_20230211T005717_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T010911_20230211T014416_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T020830_20230211T021311_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T021351_20230211T023239_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T023410_20230211T023617_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T024948_20230211T031945_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T033852_20230211T035733_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T035812_20230211T041125_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T042844_20230211T044430_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T044632_20230211T045555_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T052312_20230211T053514_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T060806_20230211T062301_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T070132_20230211T070843_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T071006_20230211T073419_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_220230211T074720_20230211T081331_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T082305_20230211T082332_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T084637_20230211T091308_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T092605_20230211T095235_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T101921_20230211T105214_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T110510_20230211T111133_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T112549_20230211T113205_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T115715_20230211T123153_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T124408_20230211T130358_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T130718_20230211T131243_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T131506_20230211T131609_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T133603_20230211T140433_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T140435_20230211T140953_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T142331_20230211T145104_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T151845_20230211T152652_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T153132_20230211T153306_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T153308_20230211T153329_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T153340_20230211T154208_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T154342_20230211T154920_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T160726_20230211T161832_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T162140_20230211T163020_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T170123_20230211T171052_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T171255_20230211T172010_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T174321_20230211T174632_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T175258_20230211T175344_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230211T180119_20230211T180514_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T180519_20230211T180933_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T181103_20230211T181417_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T183558_20230211T183612_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230211T183930_20230211T183935_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230211T183938_20230211T184005_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230211T185119_20230211T190739_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T192032_20230211T194400_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T194402_20230211T195538_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220230211T202049_20230211T204725_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records

CS_OFFL_SIR_LRM_220230211T205949_20230211T212729_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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_220230211T212925_20230211T213213_E001	(Retracker 2) 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_220230211T215901_20230211T220515_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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_220230211T220518_20230211T222649_E001	(Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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_220230211T223908_20230211T231426_E001	(Retracker 2)  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
CS_OFFL_SIR_LRM_220230211T232736_20230211T232913_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220230211T235331_20230211T235712_E001		There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SAR_220230211T000405_20230211T000446_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T000711_20230211T000717_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T000752_20230211T001448_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T001448_20230211T001800_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T002000_20230211T002334_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T002622_20230211T002941_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T010658_20230211T010911_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T014416_20230211T014452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T014634_20230211T015348_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T015348_20230211T015800_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T015817_20230211T020830_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T023239_20230211T023410_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T023618_20230211T023745_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T024817_20230211T024948_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T031945_20230211T032348_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T032632_20230211T032725_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T032821_20230211T033243_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T033243_20230211T033355_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T033816_20230211T033852_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T035733_20230211T035812_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T041125_20230211T041733_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T044431_20230211T044632_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T050618_20230211T051111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T051111_20230211T051250_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T051808_20230211T051904_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T052024_20230211T052312_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T054941_20230211T055028_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230211T060756_20230211T060806_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T062301_20230211T062801_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T062801_20230211T063151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T064601_20230211T065213_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T065436_20230211T065459_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T065642_20230211T070009_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T073420_20230211T073452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T074714_20230211T074720_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T082333_20230211T082554_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T082612_20230211T082711_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T082739_20230211T083157_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T091308_20230211T091431_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T100148_20230211T101335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T105214_20230211T105424_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T110506_20230211T110510_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T111133_20230211T111625_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T113206_20230211T113247_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T113847_20230211T114001_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T114019_20230211T114151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T114356_20230211T114434_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T114534_20230211T115321_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T123153_20230211T123357_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T124350_20230211T124408_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T131243_20230211T131356_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T131610_20230211T131722_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T131722_20230211T132205_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T132214_20230211T132451_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T132545_20230211T133603_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T140954_20230211T141112_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T142242_20230211T142331_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T145104_20230211T145222_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T145959_20230211T150034_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T150510_20230211T151232_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T151433_20230211T151731_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T151804_20230211T151845_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230211T152652_20230211T153132_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T154208_20230211T154219_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T154219_20230211T154342_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T160024_20230211T160345_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T160359_20230211T160726_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T161950_20230211T162140_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T163020_20230211T163147_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T163351_20230211T163602_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T163832_20230211T163859_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T164424_20230211T164944_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T165009_20230211T165136_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T171053_20230211T171255_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T172011_20230211T172125_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T172821_20230211T172835_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T174632_20230211T174931_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T180934_20230211T181103_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T181540_20230211T181802_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T181835_20230211T181911_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T182313_20230211T183023_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T184624_20230211T185119_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T190739_20230211T190751_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T191949_20230211T192032_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T200136_20230211T200706_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T200709_20230211T200959_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T205845_20230211T205949_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T212729_20230211T212924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T213829_20230211T214728_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T214756_20230211T215022_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T222649_20230211T222654_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T223754_20230211T223908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T231800_20230211T232420_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T232420_20230211T232736_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T232913_20230211T233123_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T233545_20230211T233635_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230211T233821_20230211T233912_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

	Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220230211T235712_20230211T235849_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T000446_20230211T000711_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T000717_20230211T000751_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T001849_20230211T001943_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T005717_20230211T005843_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T010354_20230211T010658_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T023745_20230211T024043_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error  Backscatter Error (Retracker 2)	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T024257_20230211T024817_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error  Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T032725_20230211T032821_E001	unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T033356_20230211T033815_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T041734_20230211T042008_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T042206_20230211T042335_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T042709_20230211T042844_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T045555_20230211T045921_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T051251_20230211T051404_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T051541_20230211T051808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T055029_20230211T055130_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T055236_20230211T055830_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T060611_20230211T060756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T063258_20230211T063519_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230211T063540_20230211T063607_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230211T065214_20230211T065436_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T065459_20230211T065642_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T070009_20230211T070132_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T070843_20230211T071006_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T073452_20230211T073644_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T074509_20230211T074713_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T081331_20230211T081658_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230211T082554_20230211T082612_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T082711_20230211T082739_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T083158_20230211T083633_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T091432_20230211T091609_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_220230211T091731_20230211T091856_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T092312_20230211T092605_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T101335_20230211T101920_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T105425_20230211T105808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T110352_20230211T110506_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T113247_20230211T113452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T114203_20230211T114253_E001	track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T114435_20230211T114534_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T115322_20230211T115448_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T115528_20230211T115715_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T123357_20230211T123714_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T124226_20230211T124350_E001	Backscatter Error (Retracker 3), SARIn X-track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T130358_20230211T130718_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T132451_20230211T132545_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T141112_20230211T141507_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T142135_20230211T142242_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T150034_20230211T150233_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T150354_20230211T150510_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T154920_20230211T155053_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T155842_20230211T160024_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T163859_20230211T164243_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T164247_20230211T164424_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T164944_20230211T165009_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T165716_20230211T170123_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T172836_20230211T173020_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T173707_20230211T174321_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T175344_20230211T180118_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230211T181803_20230211T181835_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220230211T181911_20230211T182042_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T182042_20230211T182313_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T184055_20230211T184254_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230211T190751_20230211T191002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_220230211T191630_20230211T191949_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T195746_20230211T200136_E001	IBACKSCATTEL ETTOLIBETTACKEL 31 SARIN X-	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
US OFFE SIR SIN / /0/30/111/00/06 /0/30/111/00/09 F001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
LS OFFE SIR SIN / /U/30/11/201/05 /0/30/11/20/049 F001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230211T204725_20230211T204943_E001	IBACKSCATTEL ELLOL (BETTACKEL 3) SARIN X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T205730_20230211T205844_E001	IBACKSCATTER ETROT (RETRACKER 3) SARIN X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T213213_20230211T213829_E001	track Angle Error Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T214728_20230211T214756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230211T222654_20230211T222818_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T223300_20230211T223303_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T223635_20230211T223753_E001	Backscatter Error (Retracker 3) SARIN X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230211T231426_20230211T231551_E001	track Angle Error (Retracker 3), SARIN X-	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
US OFFE SIR SIN / /0/30/111/316/9 /0/30/111/31/59 F001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
US OFFE SIR SIN / /0/30/111/33510 /0/30/111/33545 F001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
US OFFE SIR SIN / /U/3U/111/33635 /U/3U/111/338/1 FUU1	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records