

**27/11/2022** 





## 1. Overview

Report Production Date:	22-Jan-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

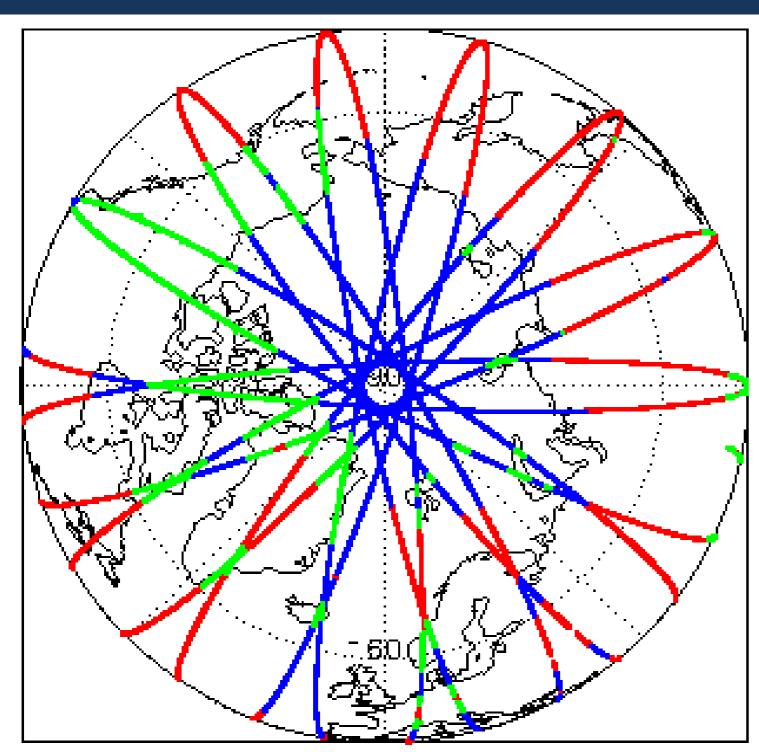
#### We would love to hear from you!

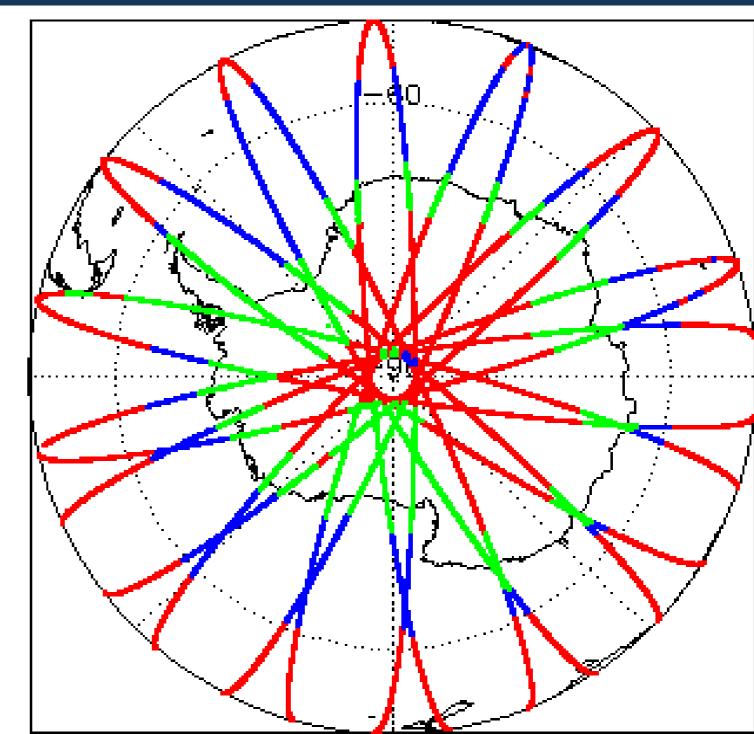
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2\_qc\_team@telespazio.com

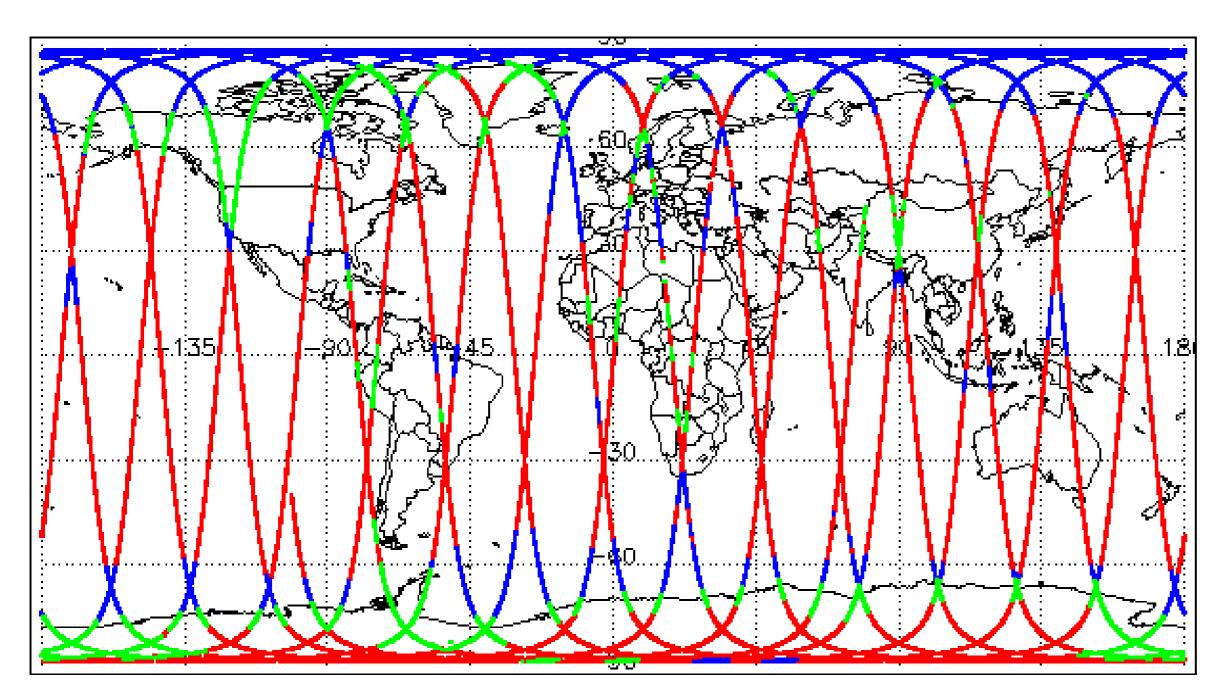
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

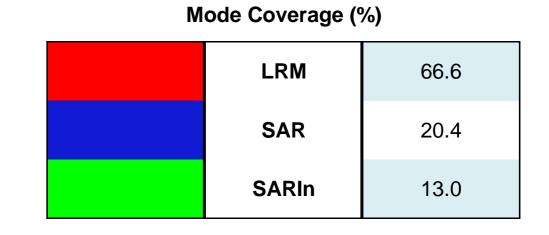
# Mission / Instrument News 26-Nov-2022 None 27-Nov-2022 None 28-Nov-2022 Nothing planned

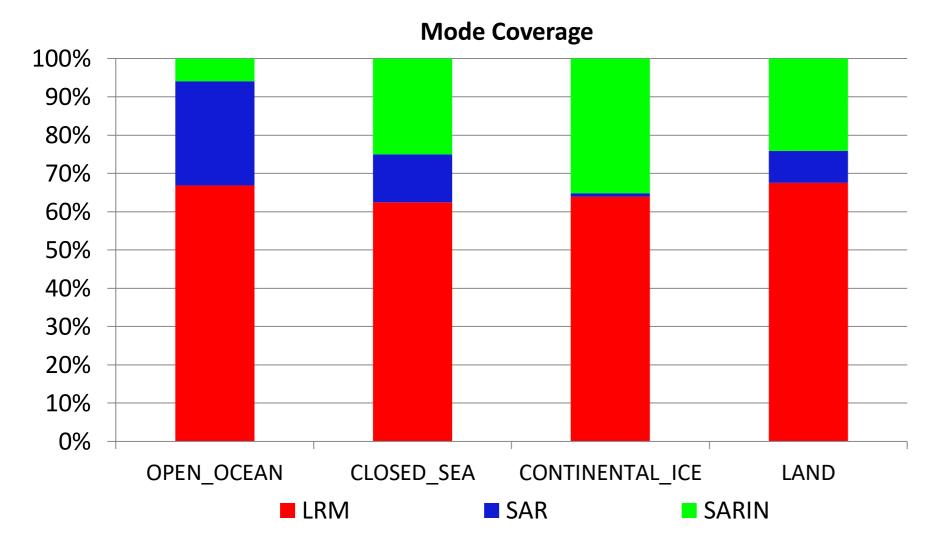
# 2. Global Coverage

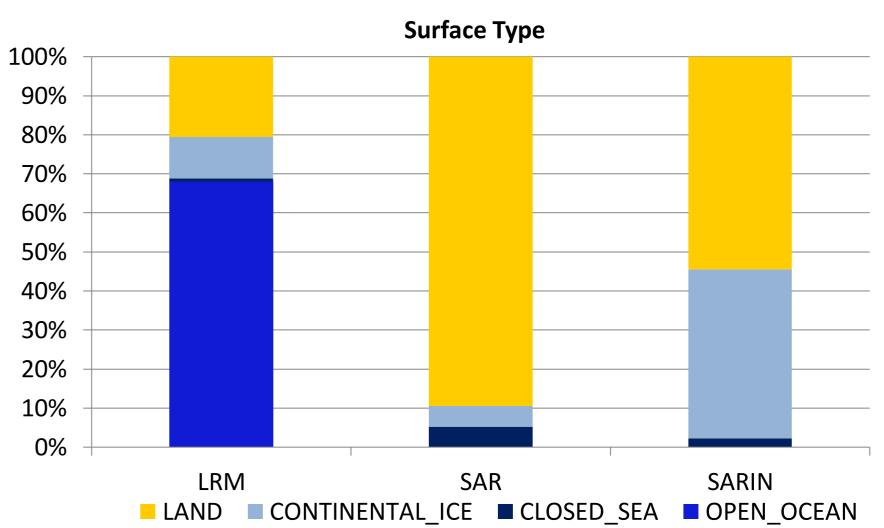












## 3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

0

# 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.

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_20221127T000021_20221127T000101_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T000307_20221127T002340_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T002345_20221127T002730_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T011128_20221127T011142_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T013215_20221127T014027_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T014031_20221127T014605_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T014607_20221127T020639_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T021508_20221127T021839_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T030858_20221127T031153_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T031603_20221127T031656_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T031845_20221127T031855_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T031857_20221127T031940_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T032119_20221127T032930_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T033030_20221127T033411_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T033533_20221127T033913_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T035008_20221127T035532_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T045504_20221127T045620_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T045856_20221127T050425_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T052936_20221127T053432_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T054131_20221127T061348_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T061350_20221127T061401_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T061406_20221127T061547_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T061549_20221127T061648_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T061652_20221127T061653_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T061658_20221127T061745_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T072118_20221127T072746_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T072749_20221127T073629_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T073633_20221127T073800_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T074241_20221127T075034_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T075048_20221127T075052_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T075054_20221127T075106_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T075108_20221127T075112_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T075114_20221127T075228_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T075230_20221127T075238_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075242_20221127T075244_E001	Loss of echo	The tracking echo is missing for one or more records
S_OFFL_SIR_LRM_1B_20221127T075248_20221127T075309_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075311_20221127T075319_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075321_20221127T075327_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075331_20221127T075348_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075350_20221127T075356_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075359_20221127T075525_E001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20221127T075531_20221127T075547_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075554_20221127T075604_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075606_20221127T075608_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075610_20221127T075611_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075613_20221127T075634_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075636_20221127T075650_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T075656_20221127T075713_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T082856_20221127T084346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T091609_20221127T092751_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T092755_20221127T093052_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T093055_20221127T093115_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T093118_20221127T093125_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T093127_20221127T093232_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T093236_20221127T093252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T093254_20221127T093655_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T095001_20221127T100339_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T100342_20221127T100411_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T100417_20221127T100421_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T100423_20221127T100535_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T100539_20221127T100557_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T102830_20221127T103656_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T110305_20221127T110332_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T110718_20221127T110755_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T110900_20221127T111022_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T111025_20221127T111540_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T113004_20221127T113534_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T113754_20221127T114041_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T114044_20221127T114109_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T114111_20221127T120338_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T122126_20221127T124403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T124535_20221127T125216_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T125216_20221127T125312_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T125316_20221127T125402_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T135855_20221127T142542_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T135855_20221127T142542_E001 CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_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
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CS_OFFL_SIR_LRM_1B_20221127T135855_20221127T142542_E001 CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001 CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001 CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_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
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CS_OFFL_SIR_LRM_1B_20221127T135855_20221127T142542_E001  CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001  CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001  CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001  CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155626_E001  CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001  CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160733_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T161043_20221127T161101_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T173601_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T180436_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T183947_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T194351_E001  CS_OFFL_SIR_LRM_1B_20221127T194252_20221127T194423_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_20221127T135855_20221127T142542_E001  CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001  CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001  CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155626_E001  CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001  CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160733_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T161043_20221127T161101_E001  CS_OFFL_SIR_LRM_1B_20221127T1772959_20221127T173601_E001  CS_OFFL_SIR_LRM_1B_20221127T1773756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T180446_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T183947_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T194351_E001  CS_OFFL_SIR_LRM_1B_20221127T194252_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194357_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194357_20221127T194432_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_20221127T135855_20221127T142542_E001  CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001  CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001  CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001  CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155626_E001  CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001  CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160733_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T161043_20221127T161101_E001  CS_OFFL_SIR_LRM_1B_20221127T172959_20221127T173601_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T183947_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T194351_E001  CS_OFFL_SIR_LRM_1B_20221127T194357_20221127T194423_E001  CS_OFFL_SIR_LRM_1B_20221127T194425_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194431_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_20221127T135855_20221127T142542_E001  CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001  CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001  CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001  CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155626_E001  CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001  CS_OFFL_SIR_LRM_1B_20221127T160742_20221127T160733_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T161043_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T180436_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T194455_20221127T1944351_E001  CS_OFFL_SIR_LRM_1B_20221127T194455_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194425_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194431_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194431_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_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_20221127T135855_20221127T142542_E001  CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001  CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001  CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001  CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155626_E001  CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001  CS_OFFL_SIR_LRM_1B_20221127T160744_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T16043_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T173601_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T194252_20221127T194351_E001  CS_OFFL_SIR_LRM_1B_20221127T194455_20221127T194423_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194431_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194506_E001  CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194506_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_20221127T135855_20221127T142542_E001  CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001  CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001  CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001  CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001  CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160733_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T161043_20221127T161101_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T173601_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T180446_20221127T1780445_E001  CS_OFFL_SIR_LRM_1B_20221127T180446_20221127T183947_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T1944351_E001  CS_OFFL_SIR_LRM_1B_20221127T194252_20221127T1944351_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T1944306_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T1944306_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194814_E001  CS_OFFL_SIR_LRM_1B_20221127T194810_20221127T194814_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_20221127T135855_20221127T142542_E001  CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001  CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001  CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001  CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155626_E001  CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001  CS_OFFL_SIR_LRM_1B_20221127T160744_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T16043_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T173601_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T194252_20221127T194351_E001  CS_OFFL_SIR_LRM_1B_20221127T194455_20221127T194423_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194431_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194506_E001  CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194506_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_20221127T135855_20221127T142542_E001  CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001  CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001  CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001  CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001  CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160733_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T161043_20221127T161011_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T173601_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T180446_20221127T1780445_E001  CS_OFFL_SIR_LRM_1B_20221127T180446_20221127T183947_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T1944351_E001  CS_OFFL_SIR_LRM_1B_20221127T194252_20221127T1944351_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T1944306_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T1944306_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194814_E001  CS_OFFL_SIR_LRM_1B_20221127T194810_20221127T194814_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_20221127T135855_20221127T142542_E001  CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001  CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001  CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001  CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001  CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T1554951_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T15540_20221127T155352_E001  CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T159955_E001  CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001  CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001  CS_OFFL_SIR_LRM_1B_20221127T161043_20221127T173601_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001  CS_OFFL_SIR_LRM_1B_20221127T180436_20221127T180445_E001  CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T18947_E001  CS_OFFL_SIR_LRM_1B_20221127T194252_20221127T194351_E001  CS_OFFL_SIR_LRM_1B_20221127T194455_20221127T194432_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001  CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_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_20221127T135855_20221127T142542_E001 CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001 CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001 CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001 CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001 CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T155352_E001 CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155626_E001 CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001 CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160733_E001 CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001 CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001 CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001 CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001 CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001 CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001 CS_OFFL_SIR_LRM_1B_20221127T180436_20221127T183947_E001 CS_OFFL_SIR_LRM_1B_20221127T194455_20221127T194453_E001 CS_OFFL_SIR_LRM_1B_20221127T194455_20221127T194453_E001 CS_OFFL_SIR_LRM_1B_20221127T194450_20221127T194432_E001 CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194513_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_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_20221127T135855_20221127T142542_E001 CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001 CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001 CS_OFFL_SIR_LRM_1B_20221127T143257_20221127T143543_E001 CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001 CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001 CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155526_E001 CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155626_E001 CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001 CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160733_E001 CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001 CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001 CS_OFFL_SIR_LRM_1B_20221127T161043_20221127T160812_E001 CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T173601_E001 CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001 CS_OFFL_SIR_LRM_1B_20221127T180436_20221127T180445_E001 CS_OFFL_SIR_LRM_1B_20221127T194455_20221127T194351_E001 CS_OFFL_SIR_LRM_1B_20221127T194455_20221127T194432_E001 CS_OFFL_SIR_LRM_1B_20221127T1944357_20221127T194432_E001 CS_OFFL_SIR_LRM_1B_20221127T1944367_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194436_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194517_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194517_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194517_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194517_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T190308_20221127T201932_E001 CS_OFFL_SIR_LRM_1B_20221127T200308_20221127T204642_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_20221127T135855_20221127T142542_E001 CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142606_E001 CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T142913_E001 CS_OFFL_SIR_LRM_1B_20221127T154357_20221127T143543_E001 CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001 CS_OFFL_SIR_LRM_1B_20221127T154951_20221127T155352_E001 CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155352_E001 CS_OFFL_SIR_LRM_1B_20221127T155440_20221127T155626_E001 CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160733_E001 CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001 CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001 CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001 CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T173601_E001 CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T1739445_E001 CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001 CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T189445_E001 CS_OFFL_SIR_LRM_1B_20221127T194252_20221127T194351_E001 CS_OFFL_SIR_LRM_1B_20221127T194357_20221127T194322_E001 CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194434_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194817_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194817_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194817_20221127T194814_E001 CS_OFFL_SIR_LRM_1B_20221127T194817_20221127T194814_E001 CS_OFFL_SIR_LRM_1B_20221127T194817_20221127T194814_E001 CS_OFFL_SIR_LRM_1B_20221127T194817_20221127T109332_E001 CS_OFFL_SIR_LRM_1B_20221127T203638_20221127T204642_E001 CS_OFFL_SIR_LRM_1B_20221127T204735_20221127T205034_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_20221127T135855_20221127T142542_E001 CS_OFFL_SIR_LRM_1B_20221127T142545_20221127T142913_E001 CS_OFFL_SIR_LRM_1B_20221127T142807_20221127T143543_E001 CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T154844_E001 CS_OFFL_SIR_LRM_1B_20221127T154454_20221127T155352_E001 CS_OFFL_SIR_LRM_1B_20221127T1554951_20221127T155352_E001 CS_OFFL_SIR_LRM_1B_20221127T155490_20221127T155626_E001 CS_OFFL_SIR_LRM_1B_20221127T155810_20221127T155955_E001 CS_OFFL_SIR_LRM_1B_20221127T160724_20221127T160733_E001 CS_OFFL_SIR_LRM_1B_20221127T160745_20221127T160805_E001 CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001 CS_OFFL_SIR_LRM_1B_20221127T160805_20221127T160812_E001 CS_OFFL_SIR_LRM_1B_20221127T16043_20221127T173601_E001 CS_OFFL_SIR_LRM_1B_20221127T173756_20221127T174233_E001 CS_OFFL_SIR_LRM_1B_20221127T180445_20221127T180445_E001 CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T180445_E001 CS_OFFL_SIR_LRM_1B_20221127T180447_20221127T194351_E001 CS_OFFL_SIR_LRM_1B_20221127T194552_20221127T194351_E001 CS_OFFL_SIR_LRM_1B_20221127T194552_20221127T194351_E001 CS_OFFL_SIR_LRM_1B_20221127T19456_20221127T194432_E001 CS_OFFL_SIR_LRM_1B_20221127T194344_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194506_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194573_E001 CS_OFFL_SIR_LRM_1B_20221127T194516_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194510_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194510_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194510_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194510_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194510_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194510_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194504_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T194504_20221127T194504_E001 CS_OFFL_SIR_LRM_1B_20221127T19045_20221127T190305_E001 CS_OFFL_SIR_LRM_1B_20221127T203648_20221127T205044_E001 CS_OFFL_SIR_LRM_1B_20221127T205048_20221127T205044_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_20221127T212522_20221127T212605_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T212608_20221127T212612_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T212616_20221127T212621_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T212623_20221127T212634_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T212636_20221127T212659_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T212701_20221127T212727_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T212729_20221127T213001_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T213005_20221127T213027_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T213211_20221127T214235_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T221803_20221127T222916_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T223033_20221127T223626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T223910_20221127T224700_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230014_20221127T230243_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230247_20221127T230254_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230256_20221127T230350_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230354_20221127T230404_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230407_20221127T230539_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230541_20221127T230613_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230616_20221127T230622_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230627_20221127T230633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230639_20221127T230657_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230702_20221127T230717_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230719_20221127T230740_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230743_20221127T230745_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230747_20221127T230749_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230751_20221127T230754_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230757_20221127T230823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221127T230903_20221127T230945_E001	Loss of echo	The tracking echo is missing for one or more records

#### 4.5 L1B Calibration Usage Check

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

Number of products with errors: 0

#### 4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors: 0

#### **4.7 L1B Auxiliary Correction Error Check**

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

Number of products with errors:

#### 4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag 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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20221127T082856_20221127T084346_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:** 

CryoSat L2 data includes a correction error 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 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: 101

Number of products with errors: 101  Product	Test Failed	Description
CS_OFFL_SIR_LRM_220221127T021508_20221127T021839_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_220221127T002341_20221127T002345_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 error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221127T002730_20221127T002931_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_220221127T004056_20221127T004326_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221127T010932_20221127T011052_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_220221127T011055_20221127T011127_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_220221127T012948_20221127T013214_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_220221127T020639_20221127T020852_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_220221127T022004_20221127T022318_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_220221127T022319_20221127T022402_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_220221127T025756_20221127T025808_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_220221127T031153_20221127T031316_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_220221127T031657_20221127T031844_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_220221127T031941_20221127T032119_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_220221127T033913_20221127T034122_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_220221127T034317_20221127T034842_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_220221127T035844_20221127T040234_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_220221127T042339_20221127T042624_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_220221127T043703_20221127T044524_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_220221127T044715_20221127T044731_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_220221127T044759_20221127T044801_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_220221127T045311_20221127T045439_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_220221127T045710_20221127T045856_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_220221127T052424_20221127T052821_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_220221127T053756_20221127T054131_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_220221127T062423_20221127T062847_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_220221127T062857_20221127T062959_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_220221127T063042_20221127T063650_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_220221127T070210_20221127T070909_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_220221127T072005_20221127T072118_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_220221127T073801_20221127T074241_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_220221127T082642_20221127T082855_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_220221127T084347_20221127T084428_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_2_20221127T085928_20221127T090000_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_220221127T091431_20221127T091609_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_2_20221127T093232_20221127T093236_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_220221127T094601_20221127T094752_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_220221127T102439_20221127T102639_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_2_20221127T103844_20221127T104003_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_2_20221127T110159_20221127T110305_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_220221127T112750_20221127T113003_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_2_20221127T113535_20221127T113754_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_220221127T120338_20221127T120613_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
		Tails outside of the extent of the current show depth model

		There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221127T121728_20221127T121950_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221127T122039_20221127T122125_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_220221127T125402_20221127T125506_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_220221127T131504_20221127T131524_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_220221127T131525_20221127T131528_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 error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221127T131533_20221127T131645_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221127T134137_20221127T134540_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_220221127T135708_20221127T135855_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_220221127T142607_20221127T142807_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_220221127T143142_20221127T143257_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221127T144641_20221127T144644_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_220221127T152117_20221127T152532_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_220221127T153530_20221127T153850_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221127T153904_20221127T153918_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_220221127T153957_20221127T154046_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_220221127T154208_20221127T154454_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221127T160251_20221127T160650_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_220221127T160853_20221127T161043_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221127T161546_20221127T162426_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_220221127T162733_20221127T162744_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_220221127T163651_20221127T163936_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_220221127T170106_20221127T170422_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
	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_220221127T170853_20221127T170859_E001		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_220221127T171431_20221127T171843_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_220221127T172812_20221127T172959_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221127T174233_20221127T174913_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_220221127T174913_20221127T175107_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_220221127T175146_20221127T175343_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_220221127T183947_20221127T184056_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_220221127T184752_20221127T184757_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_220221127T184805_20221127T184812_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_220221127T185259_20221127T185310_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221127T185310_20221127T185852_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_220221127T195734_20221127T200045_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221127T201932_20221127T202001_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_220221127T202651_20221127T202657_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_220221127T202704_20221127T202710_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_220221127T203107_20221127T203638_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_220221127T205035_20221127T205112_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221127T205114_20221127T205247_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_220221127T211121_20221127T211243_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_220221127T214235_20221127T214414_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_220221127T215754_20221127T215915_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_220221127T220603_20221127T220609_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_220221127T223749_20221127T223910_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_220221127T224700_20221127T224922_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221127T231409_20221127T231514_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_220221127T233635_20221127T233857_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_220221127T235047_20221127T235235_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_220221127T035533_20221127T035844_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

CS_OFFL_SIR_SIN_220221127T053432_20221127T053756_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221127T070909_20221127T071145_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221127T071338_20221127T072004_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221127T084428_20221127T085037_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221127T152532_20221127T152849_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221127T170422_20221127T170742_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221127T202858_20221127T203107_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221127T220745_20221127T221440_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: 236

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220221127T000307_20221127T002340_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_220221127T002345_20221127T002730_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221127T004326_20221127T010932_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_220221127T014031_20221127T014605_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_220221127T014607_20221127T020639_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_220221127T022402_20221127T025634_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_220221127T030858_20221127T031153_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_220221127T031857_20221127T031940_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_220221127T033533_20221127T033913_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_220221127T040234_20221127T042339_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_220221127T042624_20221127T043703_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_220221127T044802_20221127T045128_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_220221127T050739_20221127T052424_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_220221127T054131_20221127T061348_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_220221127T061406_20221127T061547_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221127T063650_20221127T070210_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_220221127T072118_20221127T072746_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_220221127T072749_20221127T073629_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_220221127T073633_20221127T073800_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_220221127T074241_20221127T075034_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_220221127T075248_20221127T075309_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_220221127T081048_20221127T082641_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_220221127T082856_20221127T084346_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_220221127T090000_20221127T091430_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_220221127T091609_20221127T092751_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_220221127T095001_20221127T100339_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221127T101045_20221127T102438_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_220221127T104004_20221127T110159_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_220221127T110900_20221127T111022_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221127T113004_20221127T113534_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_220221127T113754_20221127T114041_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_220221127T114111_20221127T120338_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_220221127T122126_20221127T124403_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_220221127T131645_20221127T134136_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_220221127T135855_20221127T142542_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_220221127T143257_20221127T143543_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_220221127T144827_20221127T152117_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_220221127T162744_20221127T163651_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_220221127T163936_20221127T170105_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_220221127T171843_20221127T172812_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_220221127T172959_20221127T173601_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_220221127T173756_20221127T174233_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_220221127T180447_20221127T183947_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_220221127T185852_20221127T193015_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_220221127T194252_20221127T194351_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221127T194516_20221127T194806_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_220221127T194817_20221127T195734_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_220221127T200045_20221127T200305_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_220221127T200308_20221127T201932_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_220221127T203638_20221127T204642_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_220221127T205248_20221127T210844_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221127T213211_20221127T214235_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_220221127T214415_20221127T215754_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_220221127T221803_20221127T222916_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_220221127T223033_20221127T223626_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_220221127T223910_20221127T224700_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_220221127T230903_20221127T230945_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221127T231514_20221127T233635_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_SAR_220221127T002341_20221127T002345_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_220221127T002730_20221127T002931_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_220221127T004056_20221127T004326_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221127T010932_20221127T011052_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221127T012034_20221127T012928_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221127T012948_20221127T013214_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_220221127T020639_20221127T020852_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_220221127T022004_20221127T022318_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_220221127T022319_20221127T022402_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_220221127T030000_20221127T030857_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221127T031657_20221127T031844_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_220221127T031941_20221127T032119_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_220221127T033913_20221127T034122_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_220221127T034317_20221127T034842_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221127T035844_20221127T040234_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_220221127T042339_20221127T042624_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_220221127T043703_20221127T044524_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_220221127T044524_20221127T044652_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_220221127T044715_20221127T044731_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_220221127T044759_20221127T044801_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221127T045311_20221127T045439_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_220221127T045710_20221127T045856_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_220221127T052424_20221127T052821_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_220221127T053756_20221127T054131_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_220221127T061746_20221127T062423_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_220221127T062423_20221127T062847_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_220221127T062857_20221127T062959_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_220221127T063042_20221127T063650_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221127T070210_20221127T070909_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221127T072005_20221127T072118_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_220221127T073801_20221127T074241_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_220221127T075713_20221127T080312_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_220221127T080312_20221127T080420_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_220221127T082642_20221127T082855_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_220221127T084347_20221127T084428_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_220221127T085928_20221127T090000_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_220221127T091431_20221127T091609_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_220221127T093700_20221127T093844_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_220221127T093918_20221127T094103_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_220221127T094103_20221127T094341_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_220221127T094601_20221127T094752_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_220221127T102439_20221127T102639_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_220221127T103844_20221127T104003_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221127T110159_20221127T110305_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_220221127T111541_20221127T111645_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_220221127T111645_20221127T112255_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_220221127T112750_20221127T113003_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_220221127T120338_20221127T120613_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_220221127T121728_20221127T121950_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_220221127T122039_20221127T122125_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_220221127T125402_20221127T125506_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_220221127T125517_20221127T125547_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_220221127T125628_20221127T125743_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_220221127T125809_20221127T130318_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_220221127T131533_20221127T131645_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_220221127T134137_20221127T134540_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_220221127T135708_20221127T135855_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_220221127T142607_20221127T142807_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_220221127T143142_20221127T143257_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_220221127T143544_20221127T143654_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_220221127T143709_20221127T144514_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_220221127T152117_20221127T152532_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_220221127T153530_20221127T153850_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_220221127T153904_20221127T153918_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_220221127T153957_20221127T154046_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_220221127T154208_20221127T154454_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_220221127T160251_20221127T160650_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_220221127T160853_20221127T161043_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_220221127T161546_20221127T162426_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_220221127T162733_20221127T162744_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_220221127T163651_20221127T163936_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_220221127T170106_20221127T170422_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_220221127T171431_20221127T171843_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_220221127T172812_20221127T172959_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_220221127T174233_20221127T174913_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_220221127T174913_20221127T175107_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_220221127T175146_20221127T175343_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_220221127T175643_20221127T180340_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_220221127T183947_20221127T184056_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_220221127T185259_20221127T185310_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_220221127T185310_20221127T185852_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_220221127T193544_20221127T194126_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_220221127T194141_20221127T194252_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_220221127T195734_20221127T200045_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_220221127T201932_20221127T202001_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_220221127T203107_20221127T203638_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_220221127T211121_20221127T211243_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_220221127T211459_20221127T212147_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_220221127T214235_20221127T214414_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_220221127T215754_20221127T215915_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_220221127T223749_20221127T223910_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_220221127T224700_20221127T224922_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_220221127T225325_20221127T225847_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_220221127T225916_20221127T230014_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_220221127T231409_20221127T231514_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_220221127T233635_20221127T233857_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_220221127T235047_20221127T235235_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_220221126T235847_20221127T000021_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20221127T000101_20221127T000307_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_220221127T002931_20221127T003155_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_220221127T003935_20221127T004056_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_220221127T011142_20221127T012034_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_220221127T012929_20221127T012948_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_220221127T020853_20221127T021016_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_220221127T021839_20221127T022003_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_220221127T025634_20221127T025756_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_220221127T025835_20221127T030000_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_220221127T034843_20221127T035008_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_220221127T035533_20221127T035844_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_220221127T044653_20221127T044708_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_220221127T044732_20221127T044759_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_220221127T045128_20221127T045311_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_220221127T045620_20221127T045709_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_220221127T050425_20221127T050738_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_220221127T052821_20221127T052936_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_220221127T053432_20221127T053756_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_220221127T062959_20221127T063041_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_220221127T070909_20221127T071145_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_220221127T071338_20221127T072004_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_220221127T080421_20221127T080541_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_220221127T080842_20221127T081048_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_220221127T084428_20221127T085037_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_220221127T085252_20221127T085333_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221127T085752_20221127T085928_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_220221127T093844_20221127T093918_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_220221127T094341_20221127T094449_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_220221127T094518_20221127T094601_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_220221127T094752_20221127T095000_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_220221127T101026_20221127T101044_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_220221127T102639_20221127T102830_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_220221127T103656_20221127T103844_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_220221127T110332_20221127T110718_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_220221127T110756_20221127T110859_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_220221127T112255_20221127T112750_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_220221127T120613_20221127T120733_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_220221127T120930_20221127T121019_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221127T121511_20221127T121728_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_220221127T124403_20221127T124534_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_220221127T125506_20221127T125517_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_220221127T125548_20221127T125628_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_220221127T125744_20221127T125809_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_220221127T130318_20221127T131503_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_220221127T134541_20221127T134701_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_220221127T134731_20221127T134940_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221127T135539_20221127T135708_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_220221127T143655_20221127T143709_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_220221127T144514_20221127T144641_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_220221127T144644_20221127T144826_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_220221127T152532_20221127T152849_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_220221127T153411_20221127T153530_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_220221127T161101_20221127T161159_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_220221127T162427_20221127T162733_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_220221127T170422_20221127T170742_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_220221127T171306_20221127T171431_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_220221127T175109_20221127T175146_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_220221127T175344_20221127T175643_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_220221127T184056_20221127T184249_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_220221127T185122_20221127T185258_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_220221127T193015_20221127T193125_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_220221127T193444_20221127T193543_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_220221127T194127_20221127T194141_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_220221127T202001_20221127T202141_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_220221127T202722_20221127T202728_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221127T202858_20221127T203107_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 OFFI SIR SIN 2 20221127T210845 20221127T211120 F001	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_220221127T211244_20221127T211458_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
	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_220221127T220637_20221127T220643_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221127T220745_20221127T221440_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
1 S DEEL SIR SIN / /11//11//16/4 /11//11//13/18/13 EUUT	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
U.S. OFFI. SIR SIN 2 202211271272917 20221127127127 F001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFE SIR SINED 2002/11/11/23/62/2002/11/21/23/74/4 FID1	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
	IBANKUNAHAI EHNI IBAHANKAI 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
	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
U.S. OFFI. SIR SIN 7 707711771730945 707711771731335 F001	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
	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_220221127T234536_20221127T234542_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
	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