

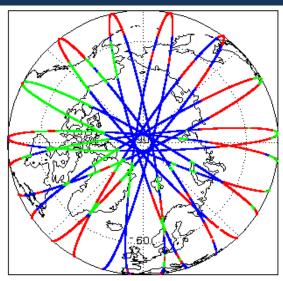
1. Overview

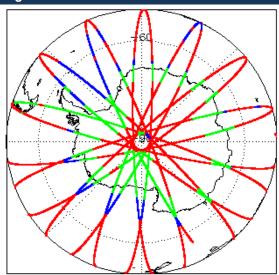
Report Production Date:	20-Apr-2020	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

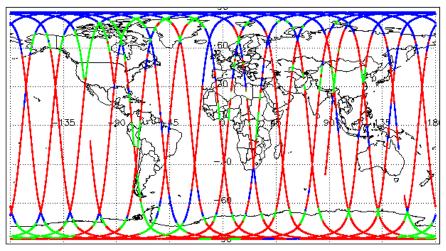
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

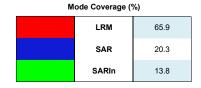
Mission / Instrument News		
18-Mar-2020	None	
19-Mar-2020	None	
20-Mar-2020	Nothing planned	

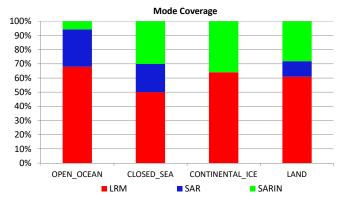
2. Global Coverage

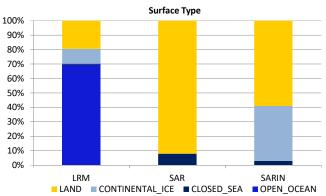












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

0

4.2 L1B Product Header Analysis

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

Number of products with errors:

0

4.3 Star Tracker Usage Check

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

Number of products with errors:

0

4.4 L1B Tracking Flags Check

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

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

Number of products with errors: 12

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20200318T235920_20200319T000615_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T001952_20200319T002620_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T002652_20200319T002653_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T002657_20200319T002719_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T003230_20200319T005328_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T013932_20200319T013934_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T020108_20200319T020616_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T020723_20200319T021046_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T021048_20200319T021115_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T021120_20200319T021126_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T021129_20200319T023715_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T034138_20200319T034402_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T034436_20200319T034513_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T034703_20200319T034817_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T034959_20200319T035133_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T035239_20200319T035539_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T035718_20200319T035734_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T040108_20200319T040737_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T041841_20200319T042409_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T052017_20200319T052041_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T052309_20200319T052409_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T052732_20200319T053016_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T055800_20200319T060306_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T060818_20200319T064238_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T064454_20200319T064552_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T080254_20200319T080355_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T080357_20200319T080357_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T080401_20200319T080403_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T080405_20200319T080633_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T081115_20200319T081925_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T082307_20200319T082313_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T082315_20200319T082349_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T082352_20200319T082447_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T082451_20200319T082524_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T082528_20200319T082544_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T085729_20200319T091149_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T091915_20200319T092121_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T092800_20200319T094133_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T094540_20200319T095502_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T095721_20200319T100024_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T100028_20200319T100033_D001	Loss of echo	The tracking echo is missing for one or more records

Company Comp	CS_OFFL_SIR_LRM_1B_20200319T100038_20200319T100039_D001	Loss of echo	The tracking echo is missing for one or more records
Company Comp			
C. Per 19. 1.04. Per 2. December 19. December 20.			·
Company Comp			
Company Comp			·
Co., Co. Co., Co. Co., Co. C			
Dec. of L. Set L. (100.1), 1,200.0001 1100.4			
Co. OHL SELLUM 19. 200001111100 20001111100 2000111100 20			
Company Comp			·
Company Comp			
C. O.P.L., DR. L.M. 12 2000059113001 2000019911300 20001 2000019911300 200019911300 200019911300 200019911300 200019911300 200019911300 20			·
Comp. Comp	CS_OFFL_SIR_LRM_1B_20200319T113723_20200319T113742_D001	Loss of echo	The tracking echo is missing for one or more records
Co. CHE, JRIL, LAM 18 200009197110802 20000197110902 DOIS 10.000 of eithe 10.000 The inclinary pict or or or more records 10.000 Co. CHE, JRIL, LAM 18 200009197110802 20000197110902 DOIS 10.000 of eithe 10.000 The inclinary pict in ministry to or or or more records 10.000 Co., CHE, JRIL, LAM 18 200009197110802 20000197110902 DOIS 10.000 of eithe 10.000 The inclinary pict in ministry to or or or more records 10.000 Co., CHE, JRIL, LAM 18 20000919710902 DOIS 10.000 of eithe 10.000 The inclinary pict in brising for or or or more records 10.000 Co., CHE, JRIL, LAM 18 20000919710902 CO., CHE, JRIL, L	CS_OFFL_SIR_LRM_1B_20200319T113747_20200319T113758_D001	Loss of echo	The tracking echo is missing for one or more records
Co., CPT_1, SR_1, IM_ II_2, 000003917110002_00003917110002_00001917110002_00003917100002_00003917110002_00003917100002_000039171100002_00003917100002_000039171100002_00003917100002_000039171100002_0000391710000039_00003917100002_000039171100003_00003917100002_00003917110000039_00003917100002_00003917100002_00003917100002_0000391710000039_00003917100003_00003917100002_00003917100002_000039171000039_0000391710000039_000039171000039_00000391710000039_000039171000039_000039171000039_000039171000039_0000391710000	CS_OFFL_SIR_LRM_1B_20200319T113801_20200319T113802_D001	Loss of echo	The tracking echo is missing for one or more records
Co. OFT. SR. LAM 12 2000319111385 2000319111385 DOT Does of who	CS_OFFL_SIR_LRM_1B_20200319T113808_20200319T113823_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_ER_UTM_18_20000011111002_2000011111002_2000 OFF_ER_UTM_18_2000001111002_2000011111002_2000 OFF_ER_UTM_18_2000001111002_2000011111002_2000 Loss of eithe Company of the bedray get bit in missing for one or more records in the bedray get bit in missing for one or more rec	CS_OFFL_SIR_LRM_1B_20200319T113828_20200319T113833_D001	Loss of echo	The tracking echo is missing for one or more records
CS_CPT_URI_MIN_18_20200519T119582_2020031P1419582_DODI CS_CPT_URI_MIN_18_20200519T129582_DODI CS_CPT_URI_MIN_18_20200519T129582_DODI CS_CPT_URI_MIN_18_20200519T129582_DODI CS_CPT_URI_MIN_18_20200519T129582_DODI CS_CPT_URI_MIN_18_20200519T129582_DODI CS_CPT_URI_MIN_18_20200519T129582_DODI CS_CPT_URI_MIN_18_20200519T129592_DODIOSID11515_DODI CS_CPT_URI_MIN_18_20200519T129592_DODIOSID11515_DODI CS_CPT_URI_MIN_18_20200519T129592_DODIOSID11515_DODI CS_CPT_URI_MIN_18_20200519T129592_DODIOSID11515_DODI CS_CPT_URI_MIN_18_20200519T129592_DODIOSID11515_DODI CS_CPT_URI_MIN_18_20200519T129592_DODIOSID11515_DODI CS_CPT_URI_MIN_18_20200519T129592_DODIOSID11515_DODI CS_CPT_URI_MIN_18_20200519T12959_DODIOSID11515_DODIOSID11515_DODIOSID11515_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID11515_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID11515_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151525_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151525_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID11515552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODIO CS_CPT_URI_MIN_18_20200519T12959_DODIOSID1151552_DODI	CS_OFFL_SIR_LRM_1B_20200319T113835_20200319T113849_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_UM_18_2020019F11933_2020019F12935_00001 Los of debto CR_OFF_SR_UM_18_2020019F12935_2020019F1291519_0001 Los of debto CR_OFF_SR_UM_18_2020019F12935_2020019F1291519_0001 Los of debto CR_OFF_SR_UM_18_2020019F12935_2020019F1291519_0001 Los of debto CR_OFF_SR_UM_18_2020019F12935_2020019F1291519_0001 Los of debto CR_OFF_SR_UM_18_2020019F12935_2020019F12935_00001 Los of debto CR_OFF_SR_UM_18_20200019F12935_2020019F12935_00001 Los of debto CR_OFF_SR_UM_18_20200019F12935_20200019F12935_00001 Los of debto CR_OFF_S	CS_OFFL_SIR_LRM_1B_20200319T113851_20200319T113927_D001	Loss of echo	The tracking echo is missing for one or more records
Society Soci	CS_OFFL_SIR_LRM_1B_20200319T113929_20200319T114432_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SRL_INL_18_200000191712042_200003191712435_0.0001 CS_OFFL_SRL_INL_18_200001917131432_200003191713209_0.0001 CS_OFFL_SRL_INL_18_200001917131432_200003191713209_0.0001 CS_OFFL_SRL_INL_18_200001917131432_200003191713209_0.0001 CS_OFFL_SRL_INL_18_200001917131432_200003191713209_0.0001 CS_OFFL_SRL_INL_18_200001917131432_200003191714309_0.0001 CS_OFFL_SRL_INL_18_20000191714309_20000319174309_0.0001 CS_OFFL_SRL_INL_18_20000191714309_20000319174309_0.0001 CS_OFFL_SRL_INL_18_20000191714309_0.0001019174309_0.0001 CS_OFFL_SRL_INL_18_20000191714309_0.0001019174309_0.0001 CS_OFFL_SRL_INL_18_20000191714309_0.0001019174309_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.0001019174309_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.0001019174309_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.0001019174309_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.0001019174309_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.0001019174309_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.0001019174309_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.00010191743490_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.00010191743490_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.00010191743490_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.00010191743490_0.0001 CS_OFFL_SRL_INL_18_20000191744309_0.00010191743490_0.0001 CS_OFFL_SRL_INL_18_2000019174490_0.00010191743490_0.0001 CS_OFFL_SRL_INL_18_2000019174490_0.0001019174390_0.0001 CS_OFFL_SRL_INL_18_2000019174490_0.0001019174390_0.0001 CS_OFFL_SRL_INL_18_2000019174900_0.0001019174390_0.0001 CS_OFFL_SRL_INL_18_2000019174900_0.0001019174900_0.0	CS_OFFL_SIR_LRM_1B_20200319T115933_20200319T120550_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRM_18_20000191713452_20003191713472_D001	CS_OFFL_SIR_LRM_1B_20200319T120627_20200319T123329_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SR_LRN_18_20000191131420_200001911131427_D001 CS_OFFL_SR_LRN_18_20000191131420_20000191142010_D001 CS_OFFL_SR_LRN_18_2000019114400_20000191142010_D001 CS_OFFL_SR_LRN_18_2000019114400_20000191142010_D001 CS_OFFL_SR_LRN_18_2000019114400_20000191142010_D001 CS_OFFL_SR_LRN_18_2000019114400_2000019114200_D001 CS_OFFL_SR_LRN_18_2000019114400_2000019114200_D001 CS_OFFL_SR_LRN_18_2000019114400_2000019114200_D001 CS_OFFL_SR_LRN_18_2000019114400_2000019114200_D001 CS_OFFL_SR_LRN_18_2000019114400_2000019114200_D001 CS_OFFL_SR_LRN_18_2000019114400_2000019114200000191142000 CS_OFFL_SR_LRN_18_20000191144000019114200019114200000191142000 CS_OFFL_SR_LRN_18_20000191142000019114200001911420000000000	CS_OFFL_SIR_LRM_1B_20200319T123842_20200319T124359_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LRW_18_20200319T13522_2020319T132216_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T14528_20203319T14328_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T14538_20203319T14338_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T14538_20203319T144717_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T145447_20203319T145452_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T14544_20203319T145451_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T145454_20203319T145451_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T145454_20203319T145455_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T145457_20203319T145515_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T14552_20200319T145515_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T145252_20200319T145252_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T145252_20200319T145252_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T145252_20200319T145252_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T14527_20200319T145252_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T14527_20200319T142529_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T14527_20200319T142529_D001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRW_18_20200319T14528_20200319T145252_D001 Loss of exho The tracking exho is m	CS_OFFL_SIR_LRM_1B_20200319T124635_20200319T131154_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LRM_18_2000319714328_2000319714421_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714471_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714424_2000319714471_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714424_2000319714429_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714424_2000319714429_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714424_2000319714429_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714429_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714429_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714429_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714429_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714429_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714229_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714229_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714229_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714229_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714229_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714429_2000319714292_D001 Lose of echo The tracking acho is missing for one or more records CS_OFF_SR_LRM_18_2000319714449_D00319714449_D001 Lose of echo The tracking	CS_OFFL_SIR_LRM_1B_20200319T131420_20200319T131437_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LRW_18_20000319T143D8_2000319T145D1_2000319T145D1_D001 Loss of echa The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145P17_D001 Loss of echa The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145P17_D001 Loss of echa The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145P17_D001 Loss of echa The tracking echo is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145P15_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145P15_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145P15_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145P15_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145D2_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145D2_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145D2_D001 Loss of echa The tracking ech is missing for one or more records The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145D2_D001 Loss of echa The tracking ech is missing for one or more records The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145D2_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_2000319T145D2_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_D00319T145D2_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_D00319T145D2_D001 Loss of echa The tracking ech is missing for one or more records CS_OFF_SR_LRW_18_20000319T145D2_D00319T145D2_D001 Loss of echa	CS OFFL SIR LRM 1B 20200319T131522 20200319T132219 D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFF_SR_LPM_18_2000319T14588_2003031F142413_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T1429_2000319T44242_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14427_D000319T14450_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14451_D000319T14450_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14451_D000319T14451_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14451_D000319T14451_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14551_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14551_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14551_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14551_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14551_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14551_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14552_D00319T14552_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14552_D00319T14552_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14552_D00319T14552_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14553_D00319T14552_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14553_D00319T14553_D001 Loss of echo The tracking echo is missing for one or more records CS_OFF_SR_LPM_18_2000319T14553_D00319T14553_D00319T14553_		Loss of echo	
CS_OFF_SIR_LRM_18_20000319T149508_20000319T14971_00001 CS_OFF_SIR_LRM_18_2000319T14940_20000319T14971_00001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149530_0001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149530_0001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149530_0001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149550_0001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149513_0001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149513_0001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149513_0001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149513_0001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149513_0001 CS_OFF_SIR_LRM_18_2000319T149540_20000319T149553_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149552_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149552_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149552_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149552_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149552_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149520_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149520_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149520_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149520_0001 CS_OFF_SIR_LRM_18_2000319T149520_20000319T149520_0001 CS_OFF_SIR_LRM_18_2000319T149530_20000319T149530_0001 CS_OFF_SIR_LRM_18_2000319T149530_20000319T103530_0001 CS_OFF_SIR_LRM_18_2000319T149530_20000319T103530_0001 CS_OFF_SIR_			
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CS_OFFL_SR_LRM_18_20200319T145348_20200319T145342_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T145347_20200319T145458_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T145417_2020319T145458_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T145417_2020319T145458_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T14554_20200319T14552_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T14557_20200319T14552_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T14557_20200319T14552_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T14557_20200319T14522_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T14522_202_2020319T14523_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T145232_20200319T14523_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T145232_20200319T14523_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T145343_20200319T145233_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T1450342_20200319T145234_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T1450342_20200319T145034_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T145034_20200319T145034_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T145034_20200319T154034_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SR_LRM_18_20200319T18034_20200319T201347_0001 Loss of echo The tracking echo i			
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CS_OFFL_SIR_LRM_1B_20200319T162382_2000319T163005_0200319T163005_0200319T163005_0200319T163005_0200319T163005_0200319T163005_0200319T163005_0200319T163005_0200319T163005_0200319T163005_0200319T163005_0200319T163005_0200319T1630342_0200319T1630342_0200319T16303432_0200319T16303432_0200319T16303432_0200319T1630313_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T164011_20200319T1640010 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T180639_0200319T181030_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T181039_0200319T181131_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T181039_0200319T181347_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T181359_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T201128_02000319T2011247_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T201250_02000319T201347_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T201343_02000319T201343_00001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T201343_0200319T201345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T203149_0200319T201345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T203149_0200319T201345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T203149_0200319T201345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T201344_0200319T201345_0001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T215344_0200319T215340_0001 Loss of echo The tracking echo is missing for	CS_OFFL_SIR_LRM_1B_20200319T161327_20200319T162259_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20200319T163432_20200319T163713_D001	CS_OFFL_SIR_LRM_1B_20200319T162338_20200319T162822_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T16300_20200319T18037_D001	CS_OFFL_SIR_LRM_1B_20200319T163005_20200319T163057_D001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20200319T181039_20200319T181036_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T181209_20200319T181347_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T183256_20200319T183359_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T20128_20200319T201247_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T20128_20200319T201247_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T20128_20200319T201249_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T201343_20200319T201340_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T201343_20200319T201343_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T201345_20200319T201345_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T203040_20200319T20356_D0011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T20349_20200319T203420_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T215035_20200319T214857_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T215344_20200319T215340_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T215423_20200319T215538_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T215423_20200319T215538_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T215423_20200319T215538_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20200319T215633_20200319T215633_D001 Loss of echo The tracking	CS_OFFL_SIR_LRM_1B_20200319T163600_20200319T163713_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20200319T181039_20200319T181131_D001 Loss of echo	CS_OFFL_SIR_LRM_1B_20200319T164011_20200319T164024_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_2020319T181209_2020319T181347_D001 CS_OFFL_SIR_LRM_18_2020319T18256_20200319T183359_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T201128_20200319T201247_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T201250_20200319T201340_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T201343_20200319T201343_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T20345_20200319T201347_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T203040_20200319T203147_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T203040_20200319T203156_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T203159_20200319T203250_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T210535_20200319T211857_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T212111_20200319T212420_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T215042_20001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T215423_20200319T215430_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T215432_20200319T215636_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T215635_20200319T215630_D001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20200319T215635_20200319T215630_D001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missi	CS_OFFL_SIR_LRM_1B_20200319T180639_20200319T181036_D001	Loss of echo	The tracking echo is missing for one or more records
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	CS_OFFL_SIR_LRM_1B_20200319T215635_20200319T215739_D001	Loss of echo	The tracking echo is missing for one or more records
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	CS_OFFL_SIR_LRM_1B_20200319T224631_20200319T224635_D001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20200319T224906_20200319T225528_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T230000_20200319T230013_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T230015_20200319T230017_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T230020_20200319T230449_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T230733_20200319T231322_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T232824_20200319T233303_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T233307_20200319T233457_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T233500_20200319T233502_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T233504_20200319T233523_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T233525_20200319T233546_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T233548_20200319T233600_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T233602_20200319T233618_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T233622_20200319T233623_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T233626_20200319T233755_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T234155_20200319T234209_D001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20200319T234211_20200319T234251_D001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS OFFL SIR LRM 1B 20200319T052309 20200319T052409 D001	20200319T052409_D001 Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set,
C5_OFFL_SIR_LRM_IB_202003191052309_202003191052409_D001		indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

Number of products with errors:

Number of products with errors.		
Product	Test Failed	Description
CS_OFFL_SIR_LRM_220200319T003230_20200319T005328_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T011040_20200319T012626_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T021129_20200319T023715_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T025019_20200319T032524_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T033828_20200319T033902_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T034703_20200319T034817_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200319T041351_20200319T041659_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T042916_20200319T050337_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200319T053625_20200319T055607_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T060818_20200319T064238_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20200319T070802_20200319T073042_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T073349_20200319T073421_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T080254_20200319T080355_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20200319T080405_20200319T080633_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T081115_20200319T081925_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T083834_20200319T085533_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T085729_20200319T091149_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T092800_20200319T094133_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T094253_20200319T094338_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T094540_20200319T095502_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200319T101946_20200319T102115_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200319T102319_20200319T103428_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T103958_20200319T104844_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T110718_20200319T112338_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T112812_20200319T113121_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T113747_20200319T113758_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200319T113835_20200319T113849_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200319T120627_20200319T123329_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T124635_20200319T131154_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20200319T131522_20200319T132219_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200319T134326_20200319T141214_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T142536_20200319T143938_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_220200319T143940_20200319T144717_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T150218_20200319T150352_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T151726_20200319T155149_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T165657_20200319T170521_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T170806_20200319T173111_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T174311_20200319T180311_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T183530_20200319T190900_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T192231_20200319T192519_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T192720_20200319T195846_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T201854_20200319T202558_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T203040_20200319T203156_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T203349_20200319T204823_D001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220200319T210535_20200319T211857_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200319T212111_20200319T212242_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T212306_20200319T213314_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T220037_20200319T221059_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T221239_20200319T222734_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T224906_20200319T225528_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T230020_20200319T230449_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T230733_20200319T231322_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220200319T232824_20200319T233303_D001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220200319T234425_20200320T000643_D001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records