

## Delivery Note

### Product Info

Product File Name	CSKS3_SCS_B_WR_06_HH_RD_SF_20170506164714_20170506164730.h5
Product Identifier	3930282
Mission Identifier	CSK
Unique Identifier	100.2524176.1765500
Product Generation Date	2023-07-30 21:00:32.960088000
Delivery Request Id	2524176
Service Request Id	2524176

### Product Definition Data

Product Type	SCS_B
Scene sensing start utc	2017-05-06 16:47:14.464142367
Scene sensing stop utc	2017-05-06 16:47:29.863861605
Bottom Left	52.82929411 13.66427117 1.085873009e-07 ;+; 52.85795881 13.13915957 -3.378772817e-10 ;+; 52.87737329 12.72444164 2.390697773e-08 ;+; 52.88711321 12.43045359 2.623892215e-10
Bottom Right	52.86806879 13.08492287 6.875779945e-10 ;+; 52.88856162 12.65211464 7.379503586e-08 ;+; 52.89978523 12.34955168 5.392939784e-08 ;+; 52.91398258 11.95805773 1.840817276e-08
Top Left	53.76631301 13.84476397 6.245090844e-08 ;+; 53.79357847 13.30768987 -1.668922778e-10 ;+; 53.8125185 12.88366185 5.482525012e-08 ;+; 53.82356381 12.58335851 5.808806236e-08
Top Right	53.8046213 13.25239493 - 6.070877134e-10 ;+; 53.82372073 12.80970592 -1.105036063e-10 ;+; 53.8345364 12.50035174 5.548554327e-08 ;+; 53.84988814 12.10033437 1.818989404e-11
Scene Centre	53.34352142 12.88158387 - 1.009539119e-10
Satellite Id	CSKS3

Acquisition Mode	WIDEREGION
Look Side	RIGHT
Near Look Angle	47.90756668 ;+; 49.04262222 ;+; 49.88669769 ;+; 50.45799352
Far Look Angle	49.15816171 ;+; 50.03194592 ;+; 50.61452967 ;+; 51.33667886
Projection Id	SLANT RANGE/AZIMUTH
Delivery Mode	STANDARD
Acquisition Station Id	1100/ICACQ/Matera

## Processing Info

Processing Level	Level-1A
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## Ancillary Data Reference

Ellipsoid Designator	WGS84
POD Product Category	FILTERED
Attitude Product Category	RESTITUTED

## Algorithms

L1A Software Version	4.0.12
L0 Software Version	12.2.1 (2021.334.05)
Replica Reconstruction Method	MEAN
Multilook filter flag	0
Equivalent Number of Looks	1
Equivalent Number of Looks	1
Equivalent Number of Looks	1
Equivalent Number of Looks	1
Azimuth Processing Number of Looks	1
Range Processing Number of Looks	1
Range Focusing Weighting Function	HAMMING
Azimuth Focusing Weighting Function	HAMMING
Focusing Algorithm ID	SPECAN
Doppler Rate Estimation Method	GEOMETRY
Doppler Centroid Estimation Method	MLCC
Doppler Ambiguity Estimation Method	MPAR

## Product Characteristics

UNCLASSIFIED

Azimuth Geometric Resolution	23
Ground Range Geometric Resolution	13.5

**Pcd Info**

Name	S01/B001/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B002/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B003/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B004/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B005/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B006/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S01/B007/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B008/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B009/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B010/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B011/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B012/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B013/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S01/B014/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B015/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B016/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B017/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B018/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B019/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B020/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S01/B021/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B022/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B023/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B024/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B025/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B026/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B027/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S01/B028/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B029/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B030/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B031/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B032/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B033/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S01/B034/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S02/B001/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B002/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B003/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B004/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B005/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B006/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B007/RAW Missing Lines Percentage
Value	0
Result	OK



## UNCLASSIFIED

Name	S02/B008/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B009/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B010/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B011/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B012/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B013/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B014/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S02/B015/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B016/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B017/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B018/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B019/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B020/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B021/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S02/B022/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B023/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B024/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B025/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B026/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B027/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B028/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S02/B029/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B030/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B031/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B032/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B033/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S02/B034/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B001/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S03/B002/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B003/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B004/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B005/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B006/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B007/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B008/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S03/B009/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B010/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B011/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B012/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B013/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B014/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B015/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S03/B016/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B017/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B018/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B019/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B020/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B021/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B022/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S03/B023/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B024/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B025/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B026/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B027/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B028/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B029/RAW Missing Lines Percentage
Value	0
Result	OK



## UNCLASSIFIED

Name	S03/B030/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B031/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B032/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B033/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S03/B034/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B001/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B002/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S04/B003/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B004/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B005/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B006/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B007/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B008/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B009/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S04/B010/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B011/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B012/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B013/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B014/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B015/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B016/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S04/B017/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B018/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B019/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B020/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B021/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B022/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B023/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S04/B024/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B025/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B026/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B027/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B028/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B029/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B030/RAW Missing Lines Percentage
Value	0
Result	OK

## UNCLASSIFIED

Name	S04/B031/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B032/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B033/RAW Missing Lines Percentage
Value	0
Result	OK

Name	S04/B034/RAW Missing Lines Percentage
Value	0
Result	OK

Name	POD Quality Flag
Value	PASS
Result	OK
ResultInfo	PASS SUSP N/A

Name	S01/SBI/Image UnderSaturated Percentage
Value	0 0
Result	OK
ResultInfo	[0, 100]

Name	S02/SBI/Image UnderSaturated Percentage
Value	0 0
Result	OK
ResultInfo	[0, 100]

## UNCLASSIFIED

Name	S03/SBI/Image UnderSaturated Percentage
Value	0 0
Result	OK
ResultInfo	[0, 100]

Name	S04/SBI/Image UnderSaturated Percentage
Value	0 0
Result	OK
ResultInfo	[0, 100]

Name	S01/SBI/Image Standard Deviation
Value	83.84002276 83.8336992
Result	OK

Name	S02/SBI/Image Standard Deviation
Value	108.8510133 108.6915237
Result	OK

Name	S03/SBI/Image Standard Deviation
Value	141.470435 141.3456937
Result	OK

Name	S04/SBI/Image Standard Deviation
Value	141.7438789 141.9664752
Result	OK

Name	S01/SBI/Image OverSaturated Percentage
Value	0 0
Result	OK
ResultInfo	[0, 100]

## UNCLASSIFIED

Name	S02/SBI/Image OverSaturated Percentage
Value	0 0
Result	OK
ResultInfo	[0, 100]

Name	S03/SBI/Image OverSaturated Percentage
Value	0 0
Result	OK
ResultInfo	[0, 100]

Name	S04/SBI/Image OverSaturated Percentage
Value	0 0
Result	OK
ResultInfo	[0, 100]

Name	S01/SBI/Image Min
Value	-15537 -10906
Result	OK

Name	S02/SBI/Image Min
Value	-11319 -11363
Result	OK

Name	S03/SBI/Image Min
Value	-16019 -18265
Result	OK

Name	S04/SBI/Image Min
Value	-20613 -32766
Result	OK



## UNCLASSIFIED

Name	S01/SBI/Image Mean
Value	0.009840108896 0.001717015636
Result	OK

Name	S02/SBI/Image Mean
Value	-0.006759018772 0.01243505608
Result	OK

Name	S03/SBI/Image Mean
Value	0.01010735427 -0.01033372395
Result	OK

Name	S04/SBI/Image Mean
Value	0.03344634638 -0.0251425046
Result	OK

Name	S01/SBI/Image Max
Value	12117 13939
Result	OK

Name	S02/SBI/Image Max
Value	12526 11398
Result	OK

Name	S03/SBI/Image Max
Value	13902 16903
Result	OK

Name	S04/SBI/Image Max
Value	23241 18154
Result	OK

## UNCLASSIFIED

Name	Doppler Rate Estimation Accuracy
Value	0.04
Result	OK
ResultInfo	>=0

Name	Doppler Rate Confidence Measure
Value	0
Result	OK
ResultInfo	[0, 1]

Name	Doppler Centroid Estimation Accuracy
Value	18.77101172
Result	OK
ResultInfo	>=0

Name	Doppler Centroid Confidence Measure
Value	1
Result	OK
ResultInfo	[0, 1]

Name	Doppler Ambiguity Confidence Measure
Value	1
Result	OK
ResultInfo	[0, 1]

Name	S01/Central Range Frequency vs Azimuth Time Polynomial
Value	0 0 0
Result	OK

Name	S02/Central Range Frequency vs Azimuth Time Polynomial
Value	0 0 0
Result	OK

## UNCLASSIFIED

Name	S03/Central Range Frequency vs Azimuth Time Polynomial
Value	0 0 0
Result	OK

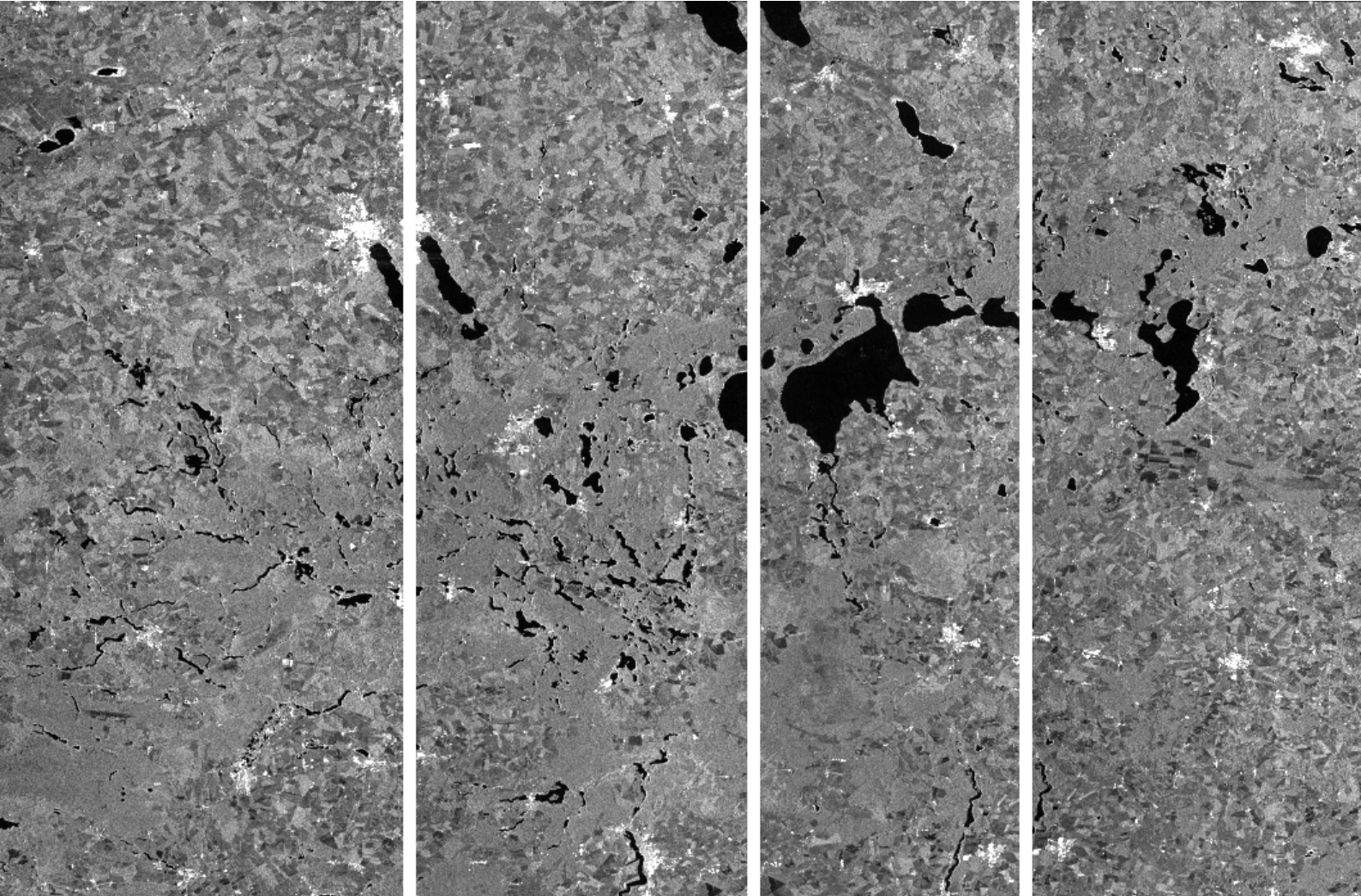
Name	S04/Central Range Frequency vs Azimuth Time Polynomial
Value	0 0 0
Result	OK

**Format Info**

Product Format	HDF5
Prod Spec Document	CSM-UGS-STD-SPE-0048-3.5
Sample Format	INT
Samples Per Pixel	2
Bits Per Sample	16

**Other Info**

Processing Centre	ICUGS
Provider Id	PM01



UNCLASSIFIED

54°36'00"

54°36'00"

53°49'12"

53°49'12"

53°02'24"

53°02'24"

52°15'36"

52°15'36"

51°28'48"

51°28'48"

11°42'00"

12°28'48"

13°15'36"

14°02'24"

14°49'12"

UNCLASSIFIED

63°30'36"

UNCLASSIFIED

63°30'36"

61°19'12"

61°19'12"

59°07'48"

59°07'48"

56°56'24"

56°56'24"

54°45'00"

54°45'00"

52°33'36"

52°33'36"

50°22'12"

50°22'12"

48°10'48"

48°10'48"

45°59'24"

45°59'24"

43°48'00"

43°48'00"

2°11'24"

6°34'12"

10°57'00"

15°19'48"

19°42'36"