

LAMPIRAN A MEKANISME PENGOLAHAN I

Project file data		Coordinate System	
Name:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi.vce	Name:	World wide/UTM
Size:	347 KB	Datum:	WGS 1984
Modified:	2/5/2023 1:58:15 AM (UTC:7)	Zone:	49 South
Time zone:	SE Asia Standard Time	Geoid:	EGM96 (Global)
Reference number:		Vertical datum:	
Description:		Calibrated site:	
Comment 1:			
Comment 2:			
Comment 3:			

Baseline Processing Report

Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	Δ Height (Meter)
cmlg --- 14.2 (B325)	cmlg	14.2	Fixed	0.062	0.082	182°50'27"	7695.437	-24.911
cmlg --- 13.2 (B326)	cmlg	13.2	Fixed	0.029	0.095	182°49'04"	7692.256	-24.789
cmlg --- 12.2 (B327)	cmlg	12.2	Fixed	0.025	0.095	182°47'41"	7688.999	-24.193
cmlg --- 11.4 (B328)	cmlg	11.4	Fixed	0.032	0.094	182°46'29"	7685.918	-24.687
cmlg --- 11.1 (B329)	cmlg	11.1	Fixed	0.021	0.096	182°40'48"	7692.217	-24.385
cmlg --- 13.1 (B330)	cmlg	13.1	Fixed	0.048	0.062	182°44'54"	7701.806	-24.694
cmlg --- 12.1 (B331)	cmlg	12.1	Fixed	0.021	0.096	182°44'09"	7698.442	-23.729
cmlg --- 11.3 (B332)	cmlg	11.3	Fixed	0.021	0.096	182°45'08"	7682.836	-24.273
cmlg --- 11.2 (B333)	cmlg	11.2	Fixed	0.020	0.097	182°42'17"	7695.461	-24.866
cmlg --- 10.3 (B334)	cmlg	10.3	Fixed	0.054	0.073	182°19'45"	7672.406	-23.241
cmlg --- 10.2 (B335)	cmlg	10.2	Fixed	0.031	0.055	182°19'37"	7672.169	-23.242
cmlg --- 14 (B336)	cmlg	14	Fixed	0.048	0.088	182°46'14"	7704.653	-25.341
cmlg --- 9.1 (B337)	cmlg	9.1	Fixed	0.022	0.096	182°34'52"	7699.364	-24.211
cmlg --- _8.2 (B338)	cmlg	_8.2	Fixed	0.044	0.084	182°30'48"	7709.854	-24.266
cmlg --- _7.6 (B339)	cmlg	_7.6	Fixed	0.016	0.097	182°11'30"	7695.902	-23.137
cmlg --- _7.4 (B340)	cmlg	_7.4	Fixed	0.032	0.055	182°15'26"	7704.841	-23.346
cmlg --- _7.2 (B341)	cmlg	_7.2	Fixed	0.067	0.079	182°27'32"	7718.349	-23.990
cmlg --- _9.2 (B342)	cmlg	_9.2	Fixed	0.027	0.051	182°21'08"	7667.577	-23.404
cmlg --- _8.1 (B343)	cmlg	_8.1	Fixed	0.013	0.098	182°18'13"	7677.013	-23.198
cmlg --- _7.5 (B344)	cmlg	_7.5	Fixed	0.015	0.097	182°14'19"	7687.933	-23.043
cmlg --- _7.1 (B345)	cmlg	_7.1	Fixed	0.064	0.082	182°24'45"	7724.933	-23.910

cmlg --- _5.4 (B348)	cmlg	_5.4	Fixed	0.044	0.091	182°19'20"	7723.914	-23.974
cmlg --- _6.4 (B349)	cmlg	_6.4	Fixed	0.040	0.089	182°21'27"	7732.793	-23.940
cmlg --- _5.3 (B350)	cmlg	_5.3	Fixed	0.067	0.062	182°18'26"	7726.172	-23.998
cmlg --- _5.3 (B351)	cmlg	_5.3	Fixed	0.041	0.054	182°20'46"	7719.842	-23.661
cmlg --- _5.1 (B352)	cmlg	_5.1	Fixed	0.013	0.097	182°09'39"	7701.847	-23.248
cmlg --- _4.2 (B353)	cmlg	_4.2	Fixed	0.010	0.073	182°11'19"	7696.533	-23.080
cmlg --- _4.2 (B354)	cmlg	_4.2	Fixed	0.019	0.097	182°17'56"	7741.389	-23.937
cmlg --- 4.1 (B355)	cmlg	4.1	Fixed	0.034	0.059	182°05'07"	7714.401	-23.083
cmlg --- _3.2 (B356)	cmlg	_3.2	Fixed	0.047	0.081	182°07'08"	7708.551	-23.045
cmlg --- _3.1 (B357)	cmlg	_3.1	Fixed	0.054	0.064	182°19'33"	7737.035	-24.192
cmlg --- _2.4 (B358)	cmlg	_2.4	Fixed	0.009	0.098	182°13'12"	7752.636	-24.699
cmlg --- _2.3 (B359)	cmlg	_2.3	Fixed	0.017	0.097	182°15'16"	7746.501	-23.518
cmlg --- _2.2 (B360)	cmlg	_2.2	Fixed	0.016	0.097	182°02'11"	7721.170	-23.142
cmlg --- _2.1 (B361)	cmlg	_2.1	Fixed	0.018	0.097	182°00'12"	7728.259	-22.800
cmlg --- _1.4 (B362)	cmlg	_1.4	Fixed	0.041	0.075	183°19'24"	7511.941	-22.754
cmlg --- _1.3 (B363)	cmlg	_1.3	Fixed	0.013	0.097	183°22'54"	7510.463	-23.439
cmlg --- _1.2 (B364)	cmlg	_1.2	Fixed	0.054	0.065	183°06'21"	7586.491	-23.708
cmlg --- _1.1 (B365)	cmlg	_1.1	Fixed	0.034	0.046	182°56'43"	7566.213	-22.970
cmlg --- _bd4 (B366)	cmlg	_bd4	Fixed	0.024	0.034	183°05'35"	7587.780	-23.584
cmlg --- _bd3 (B367)	cmlg	_bd3	Fixed	0.036	0.070	182°47'08"	7587.132	-22.722
cmlg --- _bd2 (B368)	cmlg	_bd2	Fixed	0.017	0.089	182°51'44"	7577.234	-22.781
cmlg --- _bd1 (B369)	cmlg	_bd1	Fixed	0.036	0.065	182°56'04"	7567.339	-22.861
cmlg --- _bd5 (B372)	cmlg	_bd5	Fixed	0.065	0.076	183°01'28"	7607.716	-24.032
cmlg --- _bd6 (B373)	cmlg	_bd6	Fixed	0.057	0.083	182°59'14"	7618.435	-23.991

Acceptance Summary

Processed	Passed	Flag		Fail	
47	42	5		0	

cmlg - 14.2 (Invalid leap seconds-Invalid leap seconds) (S172)

Baseline observation:	 cmlg --- 14.2 (B325)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.062 m
Vertical precision:	0.082 m
RMS:	0.035 m
Maximum PDOP:	3.936
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:35:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 14.2					
Grid		Local		Global	
Easting	682847.367 m	Latitude	S8°02'56.76833"	Latitude	S8°02'56.76833"
Northing	9109903.017 m	Longitude	E112°39'33.18855"	Longitude	E112°39'33.18855"
Elevation	419.801 m	Height	449.756 m	Height	449.756 m

Vector					
ΔEasting	-412.490 m	NS Fwd Azimuth	182°50'27"	ΔX	774.387 m
ΔNorthing	-7684.487 m	Ellipsoid Dist.	7695.437 m	ΔY	-864.737 m
ΔElevation	-24.917 m	ΔHeight	-24.911 m	ΔZ	-7607.993 m

Standard Errors

Vector errors:					
σ ΔEasting	0.020 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.016 m
σ ΔNorthing	0.018 m	σ Ellipsoid Dist.	0.018 m	σ ΔY	0.044 m
σ ΔElevation	0.042 m	σ ΔHeight	0.042 m	σ ΔZ	0.017 m



Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002652853		
Y	-0.0001365494	0.0019572964	
Z	0.0001479903	0.0001346559	0.0002904427

Occupations

	From	To
Point ID:	cmlg	14.2
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\14.20351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102021
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 13.2 (Invalid leap seconds-Invalid leap seconds) (S173)

Baseline observation:	cmlg --- 13.2 (B326)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.029 m
Vertical precision:	0.095 m
RMS:	0.035 m
Maximum PDOP:	3.755
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 13.2					
Grid		Local		Global	
Easting	682850.609 m	Latitude	S8°02'56.66985"	Latitude	S8°02'56.66985"
Northing	9109906.029 m	Longitude	E112°39'33.29403"	Longitude	E112°39'33.29403"
Elevation	419.922 m	Height	449.878 m	Height	449.878 m

Vector					
ΔEasting	-409.248 m	NS Fwd Azimuth	182°49'04"	ΔX	771.197 m
ΔNorthing	-7681.475 m	Ellipsoid Dist.	7692.256 m	ΔY	-865.479 m
ΔElevation	-24.796 m	ΔHeight	-24.789 m	ΔZ	-7605.014 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.009 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.015 m
$\sigma \Delta$ Northing	0.008 m	σ Ellipsoid Dist.	0.008 m	$\sigma \Delta$ Y	0.047 m
$\sigma \Delta$ Elevation	0.049 m	$\sigma \Delta$ Height	0.049 m	$\sigma \Delta$ Z	0.007 m



Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002136253		
Y	-0.0006033065	0.0022410613	
Z	0.0000607302	-0.0000967053	0.0000555809

Occupations

	From	To
Point ID:	cmlg	13.2
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\13.20351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102021
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 12.2 (Invalid leap seconds-Invalid leap seconds) (S174)

Baseline observation:	cmlg --- 12.2 (B327)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.025 m
Vertical precision:	0.095 m
RMS:	0.022 m
Maximum PDOP:	3.623
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:51:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg		Local		Global	
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 12.2		Local		Global	
Grid		Local		Global	
Easting	682853.872 m	Latitude	S8°02'56.56889"	Latitude	S8°02'56.56889"
Northing	9109909.118 m	Longitude	E112°39'33.40018"	Longitude	E112°39'33.40018"
Elevation	420.518 m	Height	450.474 m	Height	450.474 m

Vector					
ΔEasting	-405.985 m	NS Fwd Azimuth	182°47'41"	ΔX	767.803 m
ΔNorthing	-7678.386 m	Ellipsoid Dist.	7688.999 m	ΔY	-865.786 m
ΔElevation	-24.200 m	ΔHeight	-24.193 m	ΔZ	-7602.026 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.009 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.018 m
$\sigma \Delta$ Northing	0.008 m	σ Ellipsoid Dist.	0.008 m	$\sigma \Delta$ Y	0.046 m
$\sigma \Delta$ Elevation	0.049 m	$\sigma \Delta$ Height	0.049 m	$\sigma \Delta$ Z	0.007 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003266806		
Y	-0.0007145276	0.0021276153	
Z	0.0000593765	-0.0001214263	0.0000547589



Occupations

	From	To
Point ID:	cmlg	12.2
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\12.10351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102021
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Processing style

Elevation mask: 10°00'00.0"
Auto start processing: Yes
Start automatic ID numbering: AUTO0001
Continuous vectors: No
Generate residuals: Yes
Antenna model: Automatic
Ephemeris type: Automatic
Frequency: Multiple Frequencies
Processing Interval: Automatic
Force float: No
GIS processing type: Automatic Carrier and Code Processing

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 11.4 (Invalid leap seconds-Invalid leap seconds) (S175)

Baseline observation:	cmlg --- 11.4 (B328)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.032 m
Vertical precision:	0.094 m
RMS:	0.026 m
Maximum PDOP:	3.580
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:49:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:	cmlg					
	Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"	
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"	
Elevation	444.718 m	Height	474.667 m	Height	474.667 m	

To:	11.4					
	Grid		Local		Global	
Easting	682856.710 m	Latitude	S8°02'56.47298"	Latitude	S8°02'56.47298"	
Northing	9109912.053 m	Longitude	E112°39'33.49248"	Longitude	E112°39'33.49248"	
Elevation	420.025 m	Height	449.980 m	Height	449.980 m	

Vector					
ΔEasting	-403.147 m	NS Fwd Azimuth	182°46'29"	ΔX	765.224 m
ΔNorthing	-7675.451 m	Ellipsoid Dist.	7685.918 m	ΔY	-866.945 m
ΔElevation	-24.693 m	ΔHeight	-24.687 m	ΔZ	-7599.040 m

Standard Errors

Vector errors:					
σ ΔEasting	0.010 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.021 m
σ ΔNorthing	0.010 m	σ Ellipsoid Dist.	0.010 m	σ ΔY	0.044 m
σ ΔElevation	0.048 m	σ ΔHeight	0.048 m	σ ΔZ	0.012 m



Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0004594868		
Y	-0.0008159091	0.0019173333	
Z	0.0001736197	-0.0002139399	0.0001326008

Occupations

	From	To
Point ID:	cmlg	11.4
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\11.40351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102021
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 11.1 (Invalid leap seconds-Invalid leap seconds) (S176)

Baseline observation:	cmlg --- 11.1 (B329)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.021 m
Vertical precision:	0.096 m
RMS:	0.033 m
Maximum PDOP:	3.180
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:58:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 11.1					
Grid		Local		Global	
Easting	682869.079 m	Latitude	S8°02'56.69746"	Latitude	S8°02'56.69746"
Northing	9109905.106 m	Longitude	E112°39'33.89735"	Longitude	E112°39'33.89735"
Elevation	420.326 m	Height	450.282 m	Height	450.282 m

Vector					
ΔEasting	-390.778 m	NS Fwd Azimuth	182°40'48"	ΔX	754.040 m
ΔNorthing	-7682.398 m	Ellipsoid Dist.	7692.217 m	ΔY	-872.337 m
ΔElevation	-24.392 m	ΔHeight	-24.385 m	ΔZ	-7605.911 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.009 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.023 m
$\sigma \Delta$ Northing	0.004 m	σ Ellipsoid Dist.	0.004 m	$\sigma \Delta$ Y	0.044 m
$\sigma \Delta$ Elevation	0.049 m	$\sigma \Delta$ Height	0.049 m	$\sigma \Delta$ Z	0.009 m



Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0005105130		
Y	-0.0009072100	0.0019244466	
Z	0.0001665626	-0.0003329679	0.0000730049

Occupations

	From	To
Point ID:	cmlg	11.1
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\11.10351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102021
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 13.1 (Invalid leap seconds-Invalid leap seconds) (S177)

Baseline observation:	cmlg --- 13.1 (B330)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.048 m
Vertical precision:	0.062 m
RMS:	0.035 m
Maximum PDOP:	3.530
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 13.1					
Grid		Local		Global	
Easting	682859.428 m	Latitude	S8°02'56.99510"	Latitude	S8°02'56.99510"
Northing	9109896.001 m	Longitude	E112°39'33.58339"	Longitude	E112°39'33.58339"
Elevation	420.017 m	Height	449.973 m	Height	449.973 m

Vector					
ΔEasting	-400.429 m	NS Fwd Azimuth	182°44'54"	ΔX	763.523 m
ΔNorthing	-7691.503 m	Ellipsoid Dist.	7701.806 m	ΔY	-870.097 m
ΔElevation	-24.701 m	ΔHeight	-24.694 m	ΔZ	-7614.922 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.019 m	σ NS fwd Azimuth	0°00'01"	$\sigma \Delta$ X	0.019 m
$\sigma \Delta$ Northing	0.013 m	σ Ellipsoid Dist.	0.012 m	$\sigma \Delta$ Y	0.031 m
$\sigma \Delta$ Elevation	0.032 m	$\sigma \Delta$ Height	0.032 m	$\sigma \Delta$ Z	0.014 m



Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003782376		
Y	-0.0001464766	0.0009513662	
Z	0.0001251557	-0.0001124818	0.0001836213

Occupations

	From	To
Point ID:	cmlg	13.1
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\13.10351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 12.1 (Invalid leap seconds-Invalid leap seconds) (S178)

Baseline observation:	cmlg --- 12.1 (B331)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.021 m
Vertical precision:	0.096 m
RMS:	0.027 m
Maximum PDOP:	8.439
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg		Local		Global	
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 12.1		Local		Global	
Grid		Local		Global	
Easting	682861.288 m	Latitude	S8°02'56.88835"	Latitude	S8°02'56.88835"
Northing	9109899.273 m	Longitude	E112°39'33.64367"	Longitude	E112°39'33.64367"
Elevation	420.983 m	Height	450.938 m	Height	450.938 m

Vector					
ΔEasting	-398.570 m	NS Fwd Azimuth	182°44'09"	ΔX	761.275 m
ΔNorthing	-7688.231 m	Ellipsoid Dist.	7698.442 m	ΔY	-869.502 m
ΔElevation	-23.735 m	ΔHeight	-23.729 m	ΔZ	-7611.809 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.008 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.014 m
$\sigma \Delta$ Northing	0.005 m	σ Ellipsoid Dist.	0.006 m	$\sigma \Delta$ Y	0.047 m
$\sigma \Delta$ Elevation	0.049 m	$\sigma \Delta$ Height	0.049 m	$\sigma \Delta$ Z	0.011 m



Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002015755		
Y	-0.0006145947	0.0021837999	
Z	0.0001318984	-0.0004912150	0.0001249006

Occupations

	From	To
Point ID:	cmlg	12.1
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\11.30353.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 11.3 (Invalid leap seconds-Invalid leap seconds) (S179)

Baseline observation:	cmlg --- 11.3 (B332)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.021 m
Vertical precision:	0.096 m
RMS:	0.024 m
Maximum PDOP:	3.338
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:50:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg		Local		Global	
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 11.3		Local		Global	
Grid		Local		Global	
Easting	682859.896 m	Latitude	S8°02'56.37751"	Latitude	S8°02'56.37751"
Northing	9109914.973 m	Longitude	E112°39'33.59616"	Longitude	E112°39'33.59616"
Elevation	420.438 m	Height	450.394 m	Height	450.394 m

Vector					
ΔEasting	-399.961 m	NS Fwd Azimuth	182°45'08"	ΔX	761.978 m
ΔNorthing	-7672.531 m	Ellipsoid Dist.	7682.836 m	ΔY	-867.412 m
ΔElevation	-24.280 m	ΔHeight	-24.273 m	ΔZ	-7596.193 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.007 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.020 m
$\sigma \Delta$ Northing	0.008 m	σ Ellipsoid Dist.	0.008 m	$\sigma \Delta$ Y	0.045 m
$\sigma \Delta$ Elevation	0.049 m	$\sigma \Delta$ Height	0.049 m	$\sigma \Delta$ Z	0.009 m



Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003959089		
Y	-0.0008372911	0.0020342954	
Z	0.0000947121	-0.0001844621	0.0000789329

Occupations

	From	To
Point ID:	cmlg	11.3
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\11.30351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

ceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 11.2 (Invalid leap seconds-Invalid leap seconds) (S180)

Baseline observation:	cmlg --- 11.2 (B333)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.020 m
Vertical precision:	0.097 m
RMS:	0.038 m
Maximum PDOP:	2.957
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:54:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 11.2					
Grid		Local		Global	
Easting	682865.619 m	Latitude	S8°02'56.79790"	Latitude	S8°02'56.79790"
Northing	9109902.034 m	Longitude	E112°39'33.78477"	Longitude	E112°39'33.78477"
Elevation	419.845 m	Height	449.801 m	Height	449.801 m

Vector					
ΔEasting	-394.238 m	NS Fwd Azimuth	182°42'17"	ΔX	757.571 m
ΔNorthing	-7685.470 m	Ellipsoid Dist.	7695.461 m	ΔY	-871.847 m
ΔElevation	-24.873 m	ΔHeight	-24.866 m	ΔZ	-7608.899 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.007 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.020 m
$\sigma \Delta$ Northing	0.005 m	σ Ellipsoid Dist.	0.005 m	$\sigma \Delta$ Y	0.044 m
$\sigma \Delta$ Elevation	0.049 m	$\sigma \Delta$ Height	0.049 m	$\sigma \Delta$ Z	0.011 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0004164154		
Y	-0.0008398426	0.0019771135	
Z	0.0002080035	-0.0004216188	0.0001149510

Occupations

	From	To
Point ID:	cmlg	11.2
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\11.20351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

cmlg - 10.3 (Invalid leap seconds-Invalid leap seconds) (S181)

Baseline observation:	cmlg --- 10.3 (B334)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.054 m
Vertical precision:	0.073 m
RMS:	0.037 m
Maximum PDOP:	2.089
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:36:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:	cmlg					
	Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"	
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"	
Elevation	444.718 m	Height	474.667 m	Height	474.667 m	

To:	10.3					
	Grid		Local		Global	
Easting	682917.005 m	Latitude	S8°02'56.12014"	Latitude	S8°02'56.12014"	
Northing	9109922.648 m	Longitude	E112°39'35.46020"	Longitude	E112°39'35.46020"	
Elevation	421.468 m	Height	451.426 m	Height	451.426 m	

Vector					
ΔEasting	-342.852 m	NS Fwd Azimuth	182°19'45"	ΔX	708.484 m
ΔNorthing	-7664.856 m	Ellipsoid Dist.	7672.406 m	ΔY	-887.437 m
ΔElevation	-23.250 m	ΔHeight	-23.241 m	ΔZ	-7588.508 m

Standard Errors

Vector errors:					
σ ΔEasting	0.021 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.023 m
σ ΔNorthing	0.016 m	σ Ellipsoid Dist.	0.016 m	σ ΔY	0.036 m
σ ΔElevation	0.037 m	σ ΔHeight	0.037 m	σ ΔZ	0.016 m



Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0005130726		
Y	-0.0002543808	0.0012959718	
Z	-0.0000592131	-0.0001487109	0.0002620584

Occupations

	From	To
Point ID:	cmlg	10.3
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\10.30351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 10.2 (Invalid leap seconds-Invalid leap seconds) (S182)

Baseline observation:	cmlg --- 10.2 (B335)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.031 m
Vertical precision:	0.055 m
RMS:	0.035 m
Maximum PDOP:	2.518
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:35:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 10.2					
Grid		Local		Global	
Easting	682917.342 m	Latitude	S8°02'56.11285"	Latitude	S8°02'56.11285"
Northing	9109922.870 m	Longitude	E112°39'35.47118"	Longitude	E112°39'35.47118"
Elevation	421.467 m	Height	451.425 m	Height	451.425 m

Vector					
ΔEasting	-342.515 m	NS Fwd Azimuth	182°19'37"	ΔX	708.162 m
ΔNorthing	-7664.634 m	Ellipsoid Dist.	7672.169 m	ΔY	-887.539 m
ΔElevation	-23.251 m	ΔHeight	-23.242 m	ΔZ	-7588.286 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.012 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.015 m
$\sigma \Delta$ Northing	0.009 m	σ Ellipsoid Dist.	0.010 m	$\sigma \Delta$ Y	0.027 m
$\sigma \Delta$ Elevation	0.028 m	$\sigma \Delta$ Height	0.028 m	$\sigma \Delta$ Z	0.009 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002155222		
Y	-0.0002027736	0.0007198066	
Z	-0.0000157161	-0.0000444799	0.0000862001



Occupations

	From	To
Point ID:	cmlg	10.2
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\10.20351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Processing style

Elevation mask: 10°00'00.0"
Auto start processing: Yes
Start automatic ID numbering: AUTO0001
Continuous vectors: No
Generate residuals: Yes
Antenna model: Automatic
Ephemeris type: Automatic
Frequency: Multiple Frequencies
Processing Interval: Automatic
Force float: No
GIS processing type: Automatic Carrier and Code Processing

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 14 (Invalid leap seconds-Invalid leap seconds) (S183)

Baseline observation:	cmlg --- 14 (B336)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.048 m
Vertical precision:	0.088 m
RMS:	0.020 m
Maximum PDOP:	4.378
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:36:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:	cmlg					
	Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"	
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"	
Elevation	444.718 m	Height	474.667 m	Height	474.667 m	

To:	14					
	Grid		Local		Global	
Easting	682856.294 m	Latitude	S8°02'57.08298"	Latitude	S8°02'57.08298"	
Northing	9109893.314 m	Longitude	E112°39'33.48136"	Longitude	E112°39'33.48136"	
Elevation	419.371 m	Height	449.326 m	Height	449.326 m	

Vector					
ΔEasting	-403.563 m	NS Fwd Azimuth	182°46'14"	ΔX	766.798 m
ΔNorthing	-7694.190 m	Ellipsoid Dist.	7704.653 m	ΔY	-869.833 m
ΔElevation	-25.347 m	ΔHeight	-25.341 m	ΔZ	-7617.505 m

Standard Errors

Vector errors:					
σ ΔEasting	0.017 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.028 m
σ ΔNorthing	0.015 m	σ Ellipsoid Dist.	0.014 m	σ ΔY	0.037 m
σ ΔElevation	0.045 m	σ ΔHeight	0.045 m	σ ΔZ	0.020 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0007717232		
Y	-0.0008023887	0.0013580605	
Z	0.0004424386	-0.0005977864	0.0003830749



Occupations

	From	To
Point ID:	cmlg	14
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi_140351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Processing style

Elevation mask: 10°00'00.0"
Auto start processing: Yes
Start automatic ID numbering: AUTO0001
Continuous vectors: No
Generate residuals: Yes
Antenna model: Automatic
Ephemeris type: Automatic
Frequency: Multiple Frequencies
Processing Interval: Automatic
Force float: No
GIS processing type: Automatic Carrier and Code Processing

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - 9.1 (Invalid leap seconds-Invalid leap seconds) (S155)

Baseline observation:	cmlg --- 9.1 (B337)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.022 m
Vertical precision:	0.096 m
RMS:	0.028 m
Maximum PDOP:	2.713
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:50:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:	cmlg					
	Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"	
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"	
Elevation	444.718 m	Height	474.667 m	Height	474.667 m	

To:	9.1					
	Grid		Local		Global	
Easting	682882.008 m	Latitude	S8°02'56.94975"	Latitude	S8°02'56.94975"	
Northing	9109897.303 m	Longitude	E112°39'34.32061"	Longitude	E112°39'34.32061"	
Elevation	420.500 m	Height	450.456 m	Height	450.456 m	

Vector					
Δ Easting	-377.849 m	NS Fwd Azimuth	182°34'52"	Δ X	742.431 m
Δ Northing	-7690.201 m	Ellipsoid Dist.	7699.364 m	Δ Y	-878.173 m
Δ Elevation	-24.218 m	ΔHeight	-24.211 m	Δ Z	-7613.610 m

Standard Errors

Vector errors:					
σ Δ Easting	0.008 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.018 m
σ Δ Northing	0.008 m	σ Ellipsoid Dist.	0.008 m	σ Δ Y	0.046 m
σ Δ Elevation	0.049 m	σ Δ Height	0.049 m	σ Δ Z	0.010 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003398381		
Y	-0.0007446651	0.0020759113	
Z	0.0000742026	-0.0002544736	0.0000934992



Occupations

	From	To
Point ID:	cmlg	9.1
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi_8.20343.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Processing style

Elevation mask:	10°00'00.0"
Auto start processing:	Yes
Start automatic ID numbering:	AUTO0001
Continuous vectors:	No
Generate residuals:	Yes
Antenna model:	Automatic
Ephemeris type:	Automatic
Frequency:	Multiple Frequencies
Processing Interval:	Automatic
Force float:	No
GIS processing type:	Automatic Carrier and Code Processing

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - _8.2 (Invalid leap seconds-Invalid leap seconds) (S156)

Baseline observation:	cmlg --- _8.2 (B338)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.044 m
Vertical precision:	0.084 m
RMS:	0.046 m
Maximum PDOP:	2.218
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:40:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:	cmlg					
	Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"	
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"	
Elevation	444.718 m	Height	474.667 m	Height	474.667 m	

To:	_8.2					
	Grid		Local		Global	
Easting	682890.585 m	Latitude	S8°02'57.30401"	Latitude	S8°02'57.30401"	
Northing	9109886.385 m	Longitude	E112°39'34.60218"	Longitude	E112°39'34.60218"	
Elevation	420.445 m	Height	450.401 m	Height	450.401 m	

Vector					
ΔEasting	-369.272 m	NS Fwd Azimuth	182°30'48"	ΔX	735.083 m
ΔNorthing	-7701.120 m	Ellipsoid Dist.	7709.854 m	ΔY	-882.951 m
ΔElevation	-24.273 m	ΔHeight	-24.266 m	ΔZ	-7624.379 m

Standard Errors

Vector errors:					
σ ΔEasting	0.018 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.024 m
σ ΔNorthing	0.015 m	σ Ellipsoid Dist.	0.014 m	σ ΔY	0.038 m
σ ΔElevation	0.043 m	σ ΔHeight	0.043 m	σ ΔZ	0.017 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0005942779		
Y	-0.0005633357	0.0014676035	
Z	0.0001768283	-0.0003430447	0.0002894468



Occupations

	From	To
Point ID:	cmlg	_8.2
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi_8.20341.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Processing style

Elevation mask:	10°00'00.0"
Auto start processing:	Yes
Start automatic ID numbering:	AUTO0001
Continuous vectors:	No
Generate residuals:	Yes
Antenna model:	Automatic
Ephemeris type:	Automatic
Frequency:	Multiple Frequencies
Processing Interval:	Automatic
Force float:	No
GIS processing type:	Automatic Carrier and Code Processing

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - _7.6 (Invalid leap seconds-Invalid leap seconds) (S157)

Baseline observation: [cmlg --- _7.6 \(B339\)](#)
 Processed: Invalid leap seconds
 Solution type: Fixed
 Frequency used: Dual Frequency (L1, L2)
 Horizontal precision: 0.016 m
 Vertical precision: 0.097 m
 RMS: 0.031 m
 Maximum PDOP: 1.931
 Ephemeris used: Broadcast
 Antenna model: NGS Absolute
 Processing start time: Invalid leap seconds (Local: UTC+7hr)
 Processing stop time: Invalid leap seconds (Local: UTC+7hr)
 Processing duration: 00:55:00
 Processing interval: 30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		_7.6			
Grid		Local		Global	
Easting	682934.407 m	Latitude	S8°02'56.90803"	Latitude	S8°02'56.90803"
Northing	9109898.372 m	Longitude	E112°39'36.03173"	Longitude	E112°39'36.03173"
Elevation	421.572 m	Height	451.530 m	Height	451.530 m

Vector					
ΔEasting	-325.450 m	NS Fwd Azimuth	182°11'30"	ΔX	693.600 m
ΔNorthing	-7689.132 m	Ellipsoid Dist.	7695.902 m	ΔY	-897.213 m
ΔElevation	-23.146 m	ΔHeight	-23.137 m	ΔZ	-7612.491 m

Standard Errors

Vector errors:					
σ ΔEasting	0.007 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.019 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.045 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.009 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003723833		
Y	-0.0008154053	0.0020637452	
Z	0.0001319430	-0.0003101905	0.0000722749



Occupations

	From	To
Point ID:	cmlg	_7.6
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi_7.60341.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Processing style

Elevation mask:	10°00'00.0"
Auto start processing:	Yes
Start automatic ID numbering:	AUTO0001
Continuous vectors:	No
Generate residuals:	Yes
Antenna model:	Automatic
Ephemeris type:	Automatic
Frequency:	Multiple Frequencies
Processing Interval:	Automatic
Force float:	No
GIS processing type:	Automatic Carrier and Code Processing

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - _7.4 (Invalid leap seconds-Invalid leap seconds) (S158)

Baseline observation:	cmlg --- _7.4 (B340)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.032 m
Vertical precision:	0.055 m
RMS:	0.025 m
Maximum PDOP:	3.271
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:37:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:	cmlg					
	Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"	
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"	
Elevation	444.718 m	Height	474.667 m	Height	474.667 m	

To:	_7.4					
	Grid		Local		Global	
Easting	682925.224 m	Latitude	S8°02'57.18765"	Latitude	S8°02'57.18765"	
Northing	9109889.819 m	Longitude	E112°39'35.73296"	Longitude	E112°39'35.73296"	
Elevation	421.363 m	Height	451.321 m	Height	451.321 m	

Vector					
ΔEasting	-334.633 m	NS Fwd Azimuth	182°15'26"	ΔX	702.586 m
ΔNorthing	-7697.685 m	Ellipsoid Dist.	7704.841 m	ΔY	-894.989 m
ΔElevation	-23.355 m	ΔHeight	-23.346 m	ΔZ	-7620.968 m

Standard Errors

Vector errors:					
σ ΔEasting	0.012 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.010 m
σ ΔNorthing	0.010 m	σ Ellipsoid Dist.	0.010 m	σ ΔY	0.029 m
σ ΔElevation	0.028 m	σ ΔHeight	0.028 m	σ ΔZ	0.009 m



Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001065794		
Y	-0.0001004333	0.0008450494	
Z	-0.0000000377	0.0000387351	0.0000783456


Occupations

	From	To
Point ID:	cmlg	_7.4
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi_7.40341.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

cmlg - _7.2 (Invalid leap seconds-Invalid leap seconds) (S159)

Baseline observation:	 cmlg --- _7.2 (B341)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.067 m
Vertical precision:	0.079 m
RMS:	0.017 m
Maximum PDOP:	2.373
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:38:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _7.2					
Grid		Local		Global	
Easting	682897.516 m	Latitude	S8°02'57.59066"	Latitude	S8°02'57.59066"
Northing	9109877.550 m	Longitude	E112°39'34.82969"	Longitude	E112°39'34.82969"
Elevation	420.720 m	Height	450.677 m	Height	450.677 m

Vector					
ΔEasting	-362.341 m	NS Fwd Azimuth	182°27'32"	ΔX	729.024 m
ΔNorthing	-7709.954 m	Ellipsoid Dist.	7718.349 m	ΔY	-886.521 m
ΔElevation	-23.998 m	ΔHeight	-23.990 m	ΔZ	-7633.138 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.027 m	σ NS fwd Azimuth	0°00'01"	$\sigma \Delta$ X	0.026 m
$\sigma \Delta$ Northing	0.013 m	σ Ellipsoid Dist.	0.014 m	$\sigma \Delta$ Y	0.040 m
$\sigma \Delta$ Elevation	0.040 m	$\sigma \Delta$ Height	0.040 m	$\sigma \Delta$ Z	0.015 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0006552325		
Y	-0.0001017974	0.0016225431	
Z	-0.0000504015	-0.0003461382	0.0002342684

Occupations

	From	To
Point ID:	cmlg	_7.2
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi_7.20341.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	S800 GNSS Internal
Antenna serial number:	24344086	0
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

LAMPIRAN B

MEKANISME

PENGOLAHAN II

Project file data		Coordinate System	
Name:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi.vce	Name:	World wide/UTM
Size:	347 KB	Datum:	WGS 1984
Modified:	2/5/2023 1:58:15 AM (UTC:7)	Zone:	49 South
Time zone:	SE Asia Standard Time	Geoid:	EGM96 (Global)
Reference number:		Vertical datum:	
Description:		Calibrated site:	
Comment 1:			
Comment 2:			
Comment 3:			

Baseline Processing Report

Processing Summary


Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
cmlg --- 14.2 (B325)	cmlg	14.2	Fixed	0.063	0.082	182°50'27"	7695.437	-24.997
cmlg --- 13.2 (B326)	cmlg	13.2	Fixed	0.029	0.095	182°49'05"	7692.239	-24.774
cmlg --- 12.2 (B327)	cmlg	12.2	Fixed	0.015	0.097	182°47'41"	7689.015	-24.324
cmlg --- 11.4 (B328)	cmlg	11.4	Fixed	0.034	0.094	182°46'29"	7685.930	-24.817
cmlg --- 11.1 (B329)	cmlg	11.1	Fixed	0.028	0.095	182°40'51"	7692.202	-24.332
cmlg --- 13.1 (B330)	cmlg	13.1	Fixed	0.050	0.064	182°44'54"	7701.810	-24.784
cmlg --- 12.1 (B331)	cmlg	12.1	Float	1.595	1.244	182°44'09"	7698.441	-23.780
cmlg --- 11.3 (B332)	cmlg	11.3	Fixed	0.021	0.096	182°45'08"	7682.841	-24.395
cmlg --- 11.2 (B333)	cmlg	11.2	Fixed	0.024	0.096	182°42'17"	7695.441	-25.032
cmlg --- 10.3 (B334)	cmlg	10.3	Fixed	0.055	0.075	182°19'46"	7672.400	-23.316
cmlg --- 10.2 (B335)	cmlg	10.2	Fixed	0.026	0.047	182°19'37"	7672.169	-23.368
cmlg --- 14 (B336)	cmlg	14	Fixed	0.054	0.086	182°46'13"	7704.723	-25.344
cmlg --- 9.1 (B337)	cmlg	9.1	Fixed	0.023	0.095	182°34'52"	7699.366	-24.284
cmlg --- _8.2 (B338)	cmlg	_8.2	Fixed	0.045	0.086	182°30'48"	7709.844	-24.328
cmlg --- _7.6 (B339)	cmlg	_7.6	Fixed	0.016	0.095	182°11'30"	7695.903	-23.243
cmlg --- _7.4 (B340)	cmlg	_7.4	Fixed	0.032	0.054	182°15'26"	7704.842	-23.474
cmlg --- _7.2 (B341)	cmlg	_7.2	Fixed	0.060	0.082	182°27'32"	7718.349	-24.114
cmlg --- _9.2 (B342)	cmlg	_9.2	Fixed	0.030	0.055	182°21'08"	7667.584	-23.478
cmlg --- _8.1 (B343)	cmlg	_8.1	Fixed	0.011	0.098	182°18'13"	7677.021	-23.360
cmlg --- _7.5 (B344)	cmlg	_7.5	Fixed	0.015	0.097	182°14'19"	7687.934	-23.150
cmlg --- _7.1 (B345)	cmlg	_7.1	Fixed	0.063	0.082	182°24'45"	7724.938	-24.032
cmlg --- _6.3 (B346)	cmlg	_6.3	Fixed	0.041	0.090	182°24'14"	7726.098	-23.842

cmlg --- _5.4 (B348)	cmlg	_5.4	Fixed	0.101	0.052	182°19'20"	7723.798	-23.573
cmlg --- _6.4 (B349)	cmlg	_6.4	Float	1.101	0.703	182°21'45"	7732.435	-23.952
cmlg --- _5.3 (B350)	cmlg	_5.3	Fixed	0.068	0.079	182°18'22"	7725.812	-23.848
cmlg --- _5.3 (B351)	cmlg	_5.3	Fixed	0.045	0.061	182°20'43"	7719.825	-23.460
cmlg --- _5.1 (B352)	cmlg	_5.1	Fixed	0.013	0.097	182°09'39"	7701.848	-23.356
cmlg --- _4.2 (B353)	cmlg	_4.2	Fixed	0.010	0.073	182°11'19"	7696.533	-23.163
cmlg --- _4.2 (B354)	cmlg	_4.2	Fixed	0.020	0.097	182°17'56"	7741.392	-24.033
cmlg --- 4.1 (B355)	cmlg	4.1	Fixed	0.040	0.071	182°05'07"	7714.409	-23.151
cmlg --- _3.2 (B356)	cmlg	_3.2	Fixed	0.048	0.082	182°07'09"	7708.554	-23.115
cmlg --- _3.1 (B357)	cmlg	_3.1	Fixed	0.054	0.063	182°19'33"	7737.036	-24.319
cmlg --- _2.4 (B358)	cmlg	_2.4	Fixed	0.009	0.098	182°13'12"	7752.637	-24.807
cmlg --- _2.3 (B359)	cmlg	_2.3	Fixed	0.017	0.097	182°15'16"	7746.506	-23.603
cmlg --- _2.2 (B360)	cmlg	_2.2	Fixed	0.018	0.097	182°02'11"	7721.201	-23.418
cmlg --- _2.1 (B361)	cmlg	_2.1	Fixed	0.018	0.097	182°00'12"	7728.263	-22.915
cmlg --- _1.4 (B362)	cmlg	_1.4	Fixed	0.040	0.074	183°19'24"	7511.941	-22.843
cmlg --- _1.3 (B363)	cmlg	_1.3	Fixed	0.013	0.097	183°22'54"	7510.463	-23.509
cmlg --- _1.2 (B364)	cmlg	_1.2	Fixed	0.050	0.060	183°06'21"	7586.492	-23.789
cmlg --- _1.1 (B365)	cmlg	_1.1	Fixed	0.045	0.061	182°56'45"	7566.410	-22.693
cmlg --- _bd4 (B366)	cmlg	_bd4	Fixed	0.025	0.034	183°05'35"	7587.780	-23.711
cmlg --- _bd3 (B367)	cmlg	_bd3	Fixed	0.028	0.056	182°47'08"	7587.127	-22.852
cmlg --- _bd2 (B368)	cmlg	_bd2	Fixed	0.016	0.097	182°51'43"	7577.229	-22.865
cmlg --- _bd1 (B369)	cmlg	_bd1	Fixed	0.056	0.074	182°56'04"	7567.381	-22.815
cmlg --- _bd5 (B372)	cmlg	_bd5	Fixed	0.067	0.076	183°01'29"	7607.725	-24.109
cmlg --- _bd6 (B373)	cmlg	_bd6	Fixed	0.056	0.084	182°59'14"	7618.434	-24.090

Acceptance Summary

Processed	Passed	Flag		Fail	
47	39	6		2	

cmlg - 14.2 (Invalid leap seconds-Invalid leap seconds) (S172)

Baseline observation:	 cmlg --- 14.2 (B325)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.063 m
Vertical precision:	0.082 m
RMS:	0.036 m
Maximum PDOP:	3.936
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:35:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 14.2					
Grid		Local		Global	
Easting	682847.367 m	Latitude	S8°02'56.76833"	Latitude	S8°02'56.76833"
Northing	9109903.017 m	Longitude	E112°39'33.18854"	Longitude	E112°39'33.18854"
Elevation	419.714 m	Height	449.670 m	Height	449.670 m

Vector					
ΔEasting	-412.490 m	NS Fwd Azimuth	182°50'27"	ΔX	774.421 m
ΔNorthing	-7684.487 m	Ellipsoid Dist.	7695.437 m	ΔY	-864.816 m
ΔElevation	-25.003 m	ΔHeight	-24.997 m	ΔZ	-7607.981 m

Standard Errors

Vector errors:					
σ ΔEasting	0.021 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.017 m
σ ΔNorthing	0.018 m	σ Ellipsoid Dist.	0.018 m	σ ΔY	0.044 m
σ ΔElevation	0.042 m	σ ΔHeight	0.042 m	σ ΔZ	0.017 m

cmlg - 13.2 (Invalid leap seconds-Invalid leap seconds) (S173)

Baseline observation: [cmlg --- 13.2 \(B326\)](#)
Processed: Invalid leap seconds
Solution type: Fixed
Frequency used: Dual Frequency (L1, L2)
Horizontal precision: 0.029 m
Vertical precision: 0.095 m
RMS: 0.037 m
Maximum PDOP: 3.755
Ephemeris used: Broadcast
Antenna model: No phase table corrections applied.
Processing start time: Invalid leap seconds (Local: UTC+7hr)
Processing stop time: Invalid leap seconds (Local: UTC+7hr)
Processing duration: 00:45:00
Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 13.2					
Grid		Local		Global	
Easting	682850.587 m	Latitude	S8°02'56.66927"	Latitude	S8°02'56.66927"
Northing	9109906.047 m	Longitude	E112°39'33.29331"	Longitude	E112°39'33.29331"
Elevation	419.938 m	Height	449.893 m	Height	449.893 m

Vector					
ΔEasting	-409.270 m	NS Fwd Azimuth	182°49'05"	ΔX	771.211 m
ΔNorthing	-7681.457 m	Ellipsoid Dist.	7692.239 m	ΔY	-865.455 m
ΔElevation	-24.780 m	ΔHeight	-24.774 m	ΔZ	-7604.999 m

cmlg - 12.2 (Invalid leap seconds-Invalid leap seconds) (S174)

Baseline observation: [cmlg --- 12.2 \(B327\)](#)
Processed: Invalid leap seconds
Solution type: Fixed
Frequency used: Dual Frequency (L1, L2)
Horizontal precision: 0.015 m
Vertical precision: 0.097 m
RMS: 0.024 m
Maximum PDOP: 3.623
Ephemeris used: Broadcast
Antenna model: No phase table corrections applied.
Processing start time: Invalid leap seconds (Local: UTC+7hr)
Processing stop time: Invalid leap seconds (Local: UTC+7hr)
Processing duration: 00:51:00
Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 12.2					
Grid		Local		Global	
Easting	682853.868 m	Latitude	S8°02'56.56943"	Latitude	S8°02'56.56943"
Northing	9109909.101 m	Longitude	E112°39'33.40005"	Longitude	E112°39'33.40005"
Elevation	420.388 m	Height	450.343 m	Height	450.343 m

Vector					
ΔEasting	-405.989 m	NS Fwd Azimuth	182°47'41"	ΔX	767.857 m
ΔNorthing	-7678.403 m	Ellipsoid Dist.	7689.015 m	ΔY	-865.906 m
ΔElevation	-24.330 m	ΔHeight	-24.324 m	ΔZ	-7602.024 m

cmlg - 11.4 (Invalid leap seconds-Invalid leap seconds) (S175)

Baseline observation:	cmlg --- 11.4 (B328)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.034 m
Vertical precision:	0.094 m
RMS:	0.023 m
Maximum PDOP:	3.580
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:49:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 11.4					
Grid		Local		Global	
Easting	682856.719 m	Latitude	S8°02'56.47336"	Latitude	S8°02'56.47336"
Northing	9109912.041 m	Longitude	E112°39'33.49278"	Longitude	E112°39'33.49278"
Elevation	419.894 m	Height	449.850 m	Height	449.850 m

Vector					
Δ Easting	-403.138 m	NS Fwd Azimuth	182°46'29"	Δ X	765.266 m
Δ Northing	-7675.463 m	Ellipsoid Dist.	7685.930 m	Δ Y	-867.069 m
Δ Elevation	-24.824 m	Δ Height	-24.817 m	Δ Z	-7599.033 m

Standard Errors

Vector errors:					
σ Δ Easting	0.011 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.023 m
σ Δ Northing	0.011 m	σ Ellipsoid Dist.	0.010 m	σ Δ Y	0.043 m
σ Δ Elevation	0.048 m	σ Δ Height	0.048 m	σ Δ Z	0.013 m

cmlg - 11.1 (Invalid leap seconds-Invalid leap seconds) (S176)

Baseline observation: [cmlg --- 11.1 \(B329\)](#)
Processed: Invalid leap seconds
Solution type: Fixed
Frequency used: Dual Frequency (L1, L2)
Horizontal precision: 0.028 m
Vertical precision: 0.095 m
RMS: 0.032 m
Maximum PDOP: 3.180
Ephemeris used: Broadcast
Antenna model: No phase table corrections applied.
Processing start time: Invalid leap seconds (Local: UTC+7hr)
Processing stop time: Invalid leap seconds (Local: UTC+7hr)
Processing duration: 00:58:00
Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 11.1					
Grid		Local		Global	
Easting	682868.960 m	Latitude	S8°02'56.69680"	Latitude	S8°02'56.69680"
Northing	9109905.127 m	Longitude	E112°39'33.89346"	Longitude	E112°39'33.89346"
Elevation	420.379 m	Height	450.335 m	Height	450.335 m

Vector					
ΔEasting	-390.897 m	NS Fwd Azimuth	182°40'51"	ΔX	754.128 m
ΔNorthing	-7682.377 m	Ellipsoid Dist.	7692.202 m	ΔY	-872.240 m
ΔElevation	-24.339 m	ΔHeight	-24.332 m	ΔZ	-7605.898 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.012 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.022 m
$\sigma \Delta$ Northing	0.006 m	σ Ellipsoid Dist.	0.006 m	$\sigma \Delta$ Y	0.044 m
$\sigma \Delta$ Elevation	0.048 m	$\sigma \Delta$ Height	0.048 m	$\sigma \Delta$ Z	0.009 m


Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0004797695		
Y	-0.0007927725	0.0019424307	
Z	0.0001458026	-0.0003049487	0.0000857642

Occupations

	From	To
Point ID:	cmlg	11.1
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\11.10351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102021
Antenna type:	AR20	General Internal
Antenna serial number:	24344086	-----
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

cmlg - 12.1 (Invalid leap seconds-Invalid leap seconds) (S178)

Baseline observation:	 cmlg --- 12.1 (B331)
Processed:	Invalid leap seconds
Solution type:	Float
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	1.595 m
Vertical precision:	1.244 m
RMS:	0.027 m
Maximum PDOP:	8.439
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 12.1					
Grid		Local		Global	
Easting	682861.261 m	Latitude	S8°02'56.88829"	Latitude	S8°02'56.88829"
Northing	9109899.275 m	Longitude	E112°39'33.64279"	Longitude	E112°39'33.64279"
Elevation	420.931 m	Height	450.887 m	Height	450.887 m

Vector					
ΔEasting	-398.596 m	NS Fwd Azimuth	182°44'09"	ΔX	761.319 m
ΔNorthing	-7688.229 m	Ellipsoid Dist.	7698.441 m	ΔY	-869.539 m
ΔElevation	-23.787 m	ΔHeight	-23.780 m	ΔZ	-7611.801 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.652 m	σ NS fwd Azimuth	0°00'17"	$\sigma \Delta$ X	0.465 m
$\sigma \Delta$ Northing	0.055 m	σ Ellipsoid Dist.	0.058 m	$\sigma \Delta$ Y	0.777 m
$\sigma \Delta$ Elevation	0.635 m	$\sigma \Delta$ Height	0.635 m	$\sigma \Delta$ Z	0.103 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.2161964923		
Y	0.2125574350	0.6042147875	
Z	-0.0088377306	-0.0625241175	0.0105283018

Occupations

	From	To
Point ID:	cmlg	12.1
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\11.30353.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	General Internal
Antenna serial number:	24344086	-----
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

G3
Invalid leap seconds - Invalid leap
seconds

cmlg - 11.3 (Invalid leap seconds-Invalid leap seconds) (S179)

Baseline observation:	cmlg --- 11.3 (B332)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.021 m
Vertical precision:	0.096 m
RMS:	0.027 m
Maximum PDOP:	3.338
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:50:30

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 11.3					
Grid		Local		Global	
Easting	682859.898 m	Latitude	S8°02'56.37767"	Latitude	S8°02'56.37767"
Northing	9109914.968 m	Longitude	E112°39'33.59621"	Longitude	E112°39'33.59621"
Elevation	420.317 m	Height	450.272 m	Height	450.272 m

Vector					
ΔEasting	-399.959 m	NS Fwd Azimuth	182°45'08"	ΔX	762.023 m
ΔNorthing	-7672.536 m	Ellipsoid Dist.	7682.841 m	ΔY	-867.524 m
ΔElevation	-24.401 m	ΔHeight	-24.395 m	ΔZ	-7596.181 m

cmlg - 11.2 (Invalid leap seconds-Invalid leap seconds) (S180)

Baseline observation: [cmlg --- 11.2 \(B333\)](#)
Processed: Invalid leap seconds
Solution type: Fixed
Frequency used: Dual Frequency (L1, L2)
Horizontal precision: 0.024 m
Vertical precision: 0.096 m
RMS: 0.038 m
Maximum PDOP: 2.957
Ephemeris used: Broadcast
Antenna model: No phase table corrections applied.
Processing start time: Invalid leap seconds (Local: UTC+7hr)
Processing stop time: Invalid leap seconds (Local: UTC+7hr)
Processing duration: 00:54:30
Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 11.2					
Grid		Local		Global	
Easting	682865.595 m	Latitude	S8°02'56.79721"	Latitude	S8°02'56.79721"
Northing	9109902.056 m	Longitude	E112°39'33.78398"	Longitude	E112°39'33.78398"
Elevation	419.679 m	Height	449.635 m	Height	449.635 m

Vector					
ΔEasting	-394.262 m	NS Fwd Azimuth	182°42'17"	ΔX	757.656 m
ΔNorthing	-7685.448 m	Ellipsoid Dist.	7695.441 m	ΔY	-871.987 m
ΔElevation	-25.039 m	ΔHeight	-25.032 m	ΔZ	-7608.854 m

cmlg - 10.3 (Invalid leap seconds-Invalid leap seconds) (S181)

Baseline observation:	cmlg --- 10.3 (B334)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.055 m
Vertical precision:	0.075 m
RMS:	0.038 m
Maximum PDOP:	2.089
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:36:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 10.3					
Grid		Local		Global	
Easting	682917.001 m	Latitude	S8°02'56.11995"	Latitude	S8°02'56.11995"
Northing	9109922.654 m	Longitude	E112°39'35.46008"	Longitude	E112°39'35.46008"
Elevation	421.393 m	Height	451.351 m	Height	451.351 m

Vector					
ΔEasting	-342.856 m	NS Fwd Azimuth	182°19'46"	ΔX	708.516 m
ΔNorthing	-7664.850 m	Ellipsoid Dist.	7672.400 m	ΔY	-887.504 m
ΔElevation	-23.325 m	ΔHeight	-23.316 m	ΔZ	-7588.492 m

cmlg - 10.2 (Invalid leap seconds-Invalid leap seconds) (S182)

Baseline observation:	cmlg --- 10.2 (B335)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.026 m
Vertical precision:	0.047 m
RMS:	0.030 m
Maximum PDOP:	2.518
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:35:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 10.2					
Grid		Local		Global	
Easting	682917.343 m	Latitude	S8°02'56.11285"	Latitude	S8°02'56.11285"
Northing	9109922.870 m	Longitude	E112°39'35.47121"	Longitude	E112°39'35.47121"
Elevation	421.342 m	Height	451.299 m	Height	451.299 m

Vector					
ΔEasting	-342.514 m	NS Fwd Azimuth	182°19'37"	ΔX	708.209 m
ΔNorthing	-7664.634 m	Ellipsoid Dist.	7672.169 m	ΔY	-887.654 m
ΔElevation	-23.376 m	ΔHeight	-23.368 m	ΔZ	-7588.269 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.010 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.012 m
$\sigma \Delta$ Northing	0.008 m	σ Ellipsoid Dist.	0.008 m	$\sigma \Delta$ Y	0.023 m
$\sigma \Delta$ Elevation	0.024 m	$\sigma \Delta$ Height	0.024 m	$\sigma \Delta$ Z	0.008 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001556882		
Y	-0.0001466877	0.0005209085	
Z	-0.0000118836	-0.0000320500	0.0000616499

Occupations

	From	To
Point ID:	cmlg	10.2
Data file:	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\cmlg0240.23o	F:\SKRIPSI HARUS LULUS\SKRIPSI 2022\skripsi\10.20351.23O
Receiver type:	GR50	S800
Receiver serial number:	1871824	S802871102016
Antenna type:	AR20	General Internal
Antenna serial number:	24344086	-----
Antenna height (measured):	0.055 m	2.000 m
Antenna method:	Bottom of antenna mount	Antenna Phase Center

cmlg - 14 (Invalid leap seconds-Invalid leap seconds) (S183)

Baseline observation:	cmlg --- 14 (B336)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.054 m
Vertical precision:	0.086 m
RMS:	0.042 m
Maximum PDOP:	5.054
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:36:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
		Local		Global	
Grid					
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		14			
		Local		Global	
Easting	682856.331 m	Latitude	S8°02'57.08531"	Latitude	S8°02'57.08531"
Northing	9109893.242 m	Longitude	E112°39'33.48258"	Longitude	E112°39'33.48258"
Elevation	419.368 m	Height	449.323 m	Height	449.323 m

Vector					
ΔEasting	-403.526 m	NS Fwd Azimuth	182°46'13"	ΔX	766.769 m
ΔNorthing	-7694.262 m	Ellipsoid Dist.	7704.723 m	ΔY	-869.860 m
ΔElevation	-25.350 m	ΔHeight	-25.344 m	ΔZ	-7617.575 m

Standard Errors

Vector errors:					
σ ΔEasting	0.020 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.029 m
σ ΔNorthing	0.014 m	σ Ellipsoid Dist.	0.013 m	σ ΔY	0.036 m
σ ΔElevation	0.044 m	σ ΔHeight	0.044 m	σ ΔZ	0.019 m

cmlg - 9.1 (Invalid leap seconds-Invalid leap seconds) (S155)

Baseline observation: [cmlg --- 9.1 \(B337\)](#)
Processed: Invalid leap seconds
Solution type: Fixed
Frequency used: Dual Frequency (L1, L2)
Horizontal precision: 0.023 m
Vertical precision: 0.095 m
RMS: 0.028 m
Maximum PDOP: 2.713
Ephemeris used: Broadcast
Antenna model: No phase table corrections applied.
Processing start time: Invalid leap seconds (Local: UTC+7hr)
Processing stop time: Invalid leap seconds (Local: UTC+7hr)
Processing duration: 00:50:00
Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 9.1					
Grid		Local		Global	
Easting	682882.010 m	Latitude	S8°02'56.94980"	Latitude	S8°02'56.94980"
Northing	9109897.301 m	Longitude	E112°39'34.32068"	Longitude	E112°39'34.32068"
Elevation	420.427 m	Height	450.383 m	Height	450.383 m

Vector					
ΔEasting	-377.847 m	NS Fwd Azimuth	182°34'52"	ΔX	742.457 m
ΔNorthing	-7690.203 m	Ellipsoid Dist.	7699.366 m	ΔY	-878.241 m
ΔElevation	-24.291 m	ΔHeight	-24.284 m	ΔZ	-7613.601 m

Standard Errors

Vector errors:					
σ ΔEasting	0.009 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.018 m
σ ΔNorthing	0.008 m	σ Ellipsoid Dist.	0.008 m	σ ΔY	0.045 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.010 m

cmlg - _8.2 (Invalid leap seconds-Invalid leap seconds) (S156)

Baseline observation:	cmlg --- _8.2 (B338)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.045 m
Vertical precision:	0.086 m
RMS:	0.048 m
Maximum PDOP:	2.218
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:40:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _8.2					
Grid		Local		Global	
Easting	682890.579 m	Latitude	S8°02'57.30369"	Latitude	S8°02'57.30369"
Northing	9109886.394 m	Longitude	E112°39'34.60197"	Longitude	E112°39'34.60197"
Elevation	420.383 m	Height	450.339 m	Height	450.339 m

Vector					
ΔEasting	-369.278 m	NS Fwd Azimuth	182°30'48"	ΔX	735.112 m
ΔNorthing	-7701.110 m	Ellipsoid Dist.	7709.844 m	ΔY	-883.004 m
ΔElevation	-24.335 m	ΔHeight	-24.328 m	ΔZ	-7624.361 m

Standard Errors

Vector errors:					
σ ΔEasting	0.018 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.025 m
σ ΔNorthing	0.014 m	σ Ellipsoid Dist.	0.014 m	σ ΔY	0.039 m
σ ΔElevation	0.044 m	σ ΔHeight	0.044 m	σ ΔZ	0.018 m

cmlg - _7.6 (Invalid leap seconds-Invalid leap seconds) (S157)

Baseline observation: [cmlg --- _7.6 \(B339\)](#)
 Processed: Invalid leap seconds
 Solution type: Fixed
 Frequency used: Dual Frequency (L1, L2)
 Horizontal precision: 0.016 m
 Vertical precision: 0.095 m
 RMS: 0.030 m
 Maximum PDOP: 1.931
 Ephemeris used: Broadcast
 Antenna model: No phase table corrections applied.
 Processing start time: Invalid leap seconds (Local: UTC+7hr)
 Processing stop time: Invalid leap seconds (Local: UTC+7hr)
 Processing duration: 00:55:00
 Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _7.6					
Grid		Local		Global	
Easting	682934.408 m	Latitude	S8°02'56.90807"	Latitude	S8°02'56.90807"
Northing	9109898.371 m	Longitude	E112°39'36.03176"	Longitude	E112°39'36.03176"
Elevation	421.466 m	Height	451.424 m	Height	451.424 m

Vector					
Δ Easting	-325.449 m	NS Fwd Azimuth	182°11'30"	Δ X	693.639 m
Δ Northing	-7689.133 m	Ellipsoid Dist.	7695.903 m	Δ Y	-897.309 m
Δ Elevation	-23.252 m	Δ Height	-23.243 m	Δ Z	-7612.478 m

Standard Errors

Vector errors:					
σ Δ Easting	0.007 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.019 m
σ Δ Northing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ Δ Y	0.045 m
σ Δ Elevation	0.049 m	σ Δ Height	0.049 m	σ Δ Z	0.008 m

cmlg - _7.4 (Invalid leap seconds-Invalid leap seconds) (S158)

Baseline observation: [cmlg --- _7.4 \(B340\)](#)
 Processed: Invalid leap seconds
 Solution type: Fixed
 Frequency used: Dual Frequency (L1, L2)
 Horizontal precision: 0.032 m
 Vertical precision: 0.054 m
 RMS: 0.024 m
 Maximum PDOP: 3.271
 Ephemeris used: Broadcast
 Antenna model: No phase table corrections applied.
 Processing start time: Invalid leap seconds (Local: UTC+7hr)
 Processing stop time: Invalid leap seconds (Local: UTC+7hr)
 Processing duration: 00:37:00
 Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _7.4					
Grid		Local		Global	
Easting	682925.227 m	Latitude	S8°02'57.18769"	Latitude	S8°02'57.18769"
Northing	9109889.818 m	Longitude	E112°39'35.73308"	Longitude	E112°39'35.73308"
Elevation	421.236 m	Height	451.193 m	Height	451.193 m

Vector					
Δ Easting	-334.630 m	NS Fwd Azimuth	182°15'26"	Δ X	702.631 m
Δ Northing	-7697.687 m	Ellipsoid Dist.	7704.842 m	Δ Y	-895.107 m
Δ Elevation	-23.482 m	Δ Height	-23.474 m	Δ Z	-7620.951 m

Standard Errors

Vector errors:					
σ Δ Easting	0.012 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.010 m
σ Δ Northing	0.010 m	σ Ellipsoid Dist.	0.010 m	σ Δ Y	0.029 m
σ Δ Elevation	0.028 m	σ Δ Height	0.028 m	σ Δ Z	0.009 m

cmlg - _7.2 (Invalid leap seconds-Invalid leap seconds) (S159)

Baseline observation:  [cmlg ---_7.2 \(B341\)](#)
Processed: Invalid leap seconds
Solution type: Fixed
Frequency used: Dual Frequency (L1, L2)
Horizontal precision: 0.060 m
Vertical precision: 0.082 m
RMS: 0.017 m
Maximum PDOP: 2.830
Ephemeris used: Broadcast
Antenna model: No phase table corrections applied.
Processing start time: Invalid leap seconds (Local: UTC+7hr)
Processing stop time: Invalid leap seconds (Local: UTC+7hr)
Processing duration: 00:38:30
Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _7.2					
Grid		Local		Global	
Easting	682897.514 m	Latitude	S8°02'57.59065"	Latitude	S8°02'57.59065"
Northing	9109877.550 m	Longitude	E112°39'34.82964"	Longitude	E112°39'34.82964"
Elevation	420.596 m	Height	450.553 m	Height	450.553 m

Vector					
ΔEasting	-362.343 m	NS Fwd Azimuth	182°27'32"	ΔX	729.073 m
ΔNorthing	-7709.954 m	Ellipsoid Dist.	7718.349 m	ΔY	-886.634 m
ΔElevation	-24.122 m	ΔHeight	-24.114 m	ΔZ	-7633.120 m

Standard Errors

Vector errors:					
σ ΔEasting	0.024 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.022 m
σ ΔNorthing	0.013 m	σ Ellipsoid Dist.	0.014 m	σ ΔY	0.042 m
σ ΔElevation	0.042 m	σ ΔHeight	0.042 m	σ ΔZ	0.016 m

cmlg - _9.2 (Invalid leap seconds-Invalid leap seconds) (S160)

Baseline observation:	cmlg --- _9.2 (B342)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.030 m
Vertical precision:	0.055 m
RMS:	0.034 m
Maximum PDOP:	1.688
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:41:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _9.2					
Grid		Local		Global	
Easting	682914.164 m	Latitude	S8°02'55.95922"	Latitude	S8°02'55.95922"
Northing	9109927.603 m	Longitude	E112°39'35.36676"	Longitude	E112°39'35.36676"
Elevation	421.232 m	Height	451.189 m	Height	451.189 m

Vector					
Δ Easting	-345.693 m	NS Fwd Azimuth	182°21'08"	Δ X	710.948 m
Δ Northing	-7659.901 m	Ellipsoid Dist.	7667.584 m	Δ Y	-885.912 m
Δ Elevation	-23.486 m	Δ Height	-23.478 m	Δ Z	-7583.580 m

Standard Errors

Vector errors:					
σ Δ Easting	0.011 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.015 m
σ Δ Northing	0.012 m	σ Ellipsoid Dist.	0.012 m	σ Δ Y	0.026 m
σ Δ Elevation	0.028 m	σ Δ Height	0.028 m	σ Δ Z	0.012 m

cmlg - _8.1 (Invalid leap seconds-Invalid leap seconds) (S161)

Baseline observation:	cmlg --- _8.1 (B343)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.011 m
Vertical precision:	0.098 m
RMS:	0.031 m
Maximum PDOP:	2.183
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:51:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _8.1					
Grid		Local		Global	
Easting	682920.232 m	Latitude	S8°02'56.27475"	Latitude	S8°02'56.27475"
Northing	9109917.885 m	Longitude	E112°39'35.56623"	Longitude	E112°39'35.56623"
Elevation	421.349 m	Height	451.307 m	Height	451.307 m

Vector					
Δ Easting	-339.625 m	NS Fwd Azimuth	182°18'13"	Δ X	705.789 m
Δ Northing	-7669.619 m	Ellipsoid Dist.	7677.021 m	Δ Y	-889.411 m
Δ Elevation	-23.369 m	Δ Height	-23.360 m	Δ Z	-7593.195 m

Standard Errors

Vector errors:					
σ Δ Easting	0.004 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ Δ Y	0.045 m
σ Δ Elevation	0.050 m	σ Δ Height	0.050 m	σ Δ Z	0.008 m

cmlg - _7.5 (Invalid leap seconds-Invalid leap seconds) (S162)

Baseline observation:	cmlg --- _7.5 (B344)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.015 m
Vertical precision:	0.097 m
RMS:	0.027 m
Maximum PDOP:	1.864
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:58:00
Processing interval:	30 seconds


Vector Components (Mark to Mark)

From:		cmlg			
		Local		Global	
Grid					
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		_7.5			
		Local		Global	
Grid					
Easting	682928.474 m	Latitude	S8°02'56.64098"	Latitude	S8°02'56.64098"
Northing	9109906.600 m	Longitude	E112°39'35.83689"	Longitude	E112°39'35.83689"
Elevation	421.559 m	Height	451.517 m	Height	451.517 m

Vector					
ΔEasting	-331.383 m	NS Fwd Azimuth	182°14'19"	ΔX	698.668 m
ΔNorthing	-7680.904 m	Ellipsoid Dist.	7687.934 m	ΔY	-893.865 m
ΔElevation	-23.159 m	ΔHeight	-23.150 m	ΔZ	-7604.365 m

cmlg - _7.1 (Invalid leap seconds-Invalid leap seconds) (S163)

Baseline observation:	 cmlg --- _7.1 (B345)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.063 m
Vertical precision:	0.082 m
RMS:	0.022 m
Maximum PDOP:	9.151
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:39:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _7.1					
Grid		Local		Global	
Easting	682903.463 m	Latitude	S8°02'57.81361"	Latitude	S8°02'57.81361"
Northing	9109870.677 m	Longitude	E112°39'35.02482"	Longitude	E112°39'35.02482"
Elevation	420.678 m	Height	450.635 m	Height	450.635 m

Vector					
ΔEasting	-356.394 m	NS Fwd Azimuth	182°24'45"	ΔX	723.895 m
ΔNorthing	-7716.828 m	Ellipsoid Dist.	7724.938 m	ΔY	-889.746 m
ΔElevation	-24.040 m	ΔHeight	-24.032 m	ΔZ	-7639.914 m

Standard Errors

Vector errors:					
σ ΔEasting	0.022 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.012 m
σ ΔNorthing	0.017 m	σ Ellipsoid Dist.	0.018 m	σ ΔY	0.044 m
σ ΔElevation	0.042 m	σ ΔHeight	0.042 m	σ ΔZ	0.021 m

cmlg - _6.3 (Invalid leap seconds-Invalid leap seconds) (S164)

Baseline observation: [cmlg --- _6.3 \(B346\)](#)
Processed: Invalid leap seconds
Solution type: Fixed
Frequency used: Dual Frequency (L1, L2)
Horizontal precision: 0.041 m
Vertical precision: 0.090 m
RMS: 0.035 m
Maximum PDOP: 77.372
Ephemeris used: Broadcast
Antenna model: No phase table corrections applied.
Processing start time: Invalid leap seconds (Local: UTC+7hr)
Processing stop time: Invalid leap seconds (Local: UTC+7hr)
Processing duration: 00:48:00

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _6.3					
Grid		Local		Global	
Easting	682904.541 m	Latitude	S8°02'57.85288"	Latitude	S8°02'57.85288"
Northing	9109869.466 m	Longitude	E112°39'35.06021"	Longitude	E112°39'35.06021"
Elevation	420.868 m	Height	450.825 m	Height	450.825 m

Vector					
ΔEasting	-355.316 m	NS Fwd Azimuth	182°24'14"	ΔX	722.888 m
ΔNorthing	-7718.038 m	Ellipsoid Dist.	7726.098 m	ΔY	-890.146 m
ΔElevation	-23.850 m	ΔHeight	-23.842 m	ΔZ	-7641.135 m

cmlg - _6.1 (Invalid leap seconds-Invalid leap seconds) (S165)

Baseline observation:	cmlg --- _6.1 (B347)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.028 m
Vertical precision:	0.039 m
RMS:	0.031 m
Maximum PDOP:	2.950
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:40:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _6.1					
Grid		Local		Global	
Easting	682911.734 m	Latitude	S8°02'57.63900"	Latitude	S8°02'57.63900"
Northing	9109876.007 m	Longitude	E112°39'35.29425"	Longitude	E112°39'35.29425"
Elevation	420.938 m	Height	450.895 m	Height	450.895 m

Vector					
Δ Easting	-348.123 m	NS Fwd Azimuth	182°21'10"	Δ X	715.893 m
Δ Northing	-7711.497 m	Ellipsoid Dist.	7719.236 m	Δ Y	-891.994 m
Δ Elevation	-23.780 m	Δ Height	-23.772 m	Δ Z	-7634.639 m

Standard Errors

Vector errors:					
σ Δ Easting	0.011 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.015 m
σ Δ Northing	0.009 m	σ Ellipsoid Dist.	0.009 m	σ Δ Y	0.018 m
σ Δ Elevation	0.020 m	σ Δ Height	0.020 m	σ Δ Z	0.008 m

cmlg - _6.4 (Invalid leap seconds-Invalid leap seconds) (S167)

Baseline observation:	 cmlg --- _6.4 (B349)
Processed:	Invalid leap seconds
Solution type:	Float
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	1.101 m
Vertical precision:	0.703 m
RMS:	0.018 m
Maximum PDOP:	5.374
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To:		_6.4			
Grid		Local		Global	
Easting	682909.849 m	Latitude	S8°02'58.06654"	Latitude	S8°02'58.06654"
Northing	9109862.880 m	Longitude	E112°39'35.23443"	Longitude	E112°39'35.23443"
Elevation	420.758 m	Height	450.715 m	Height	450.715 m

Vector					
Δ Easting	-350.008 m	NS Fwd Azimuth	182°21'45"	Δ X	718.361 m
Δ Northing	-7724.624 m	Ellipsoid Dist.	7732.435 m	Δ Y	-893.150 m
Δ Elevation	-23.960 m	Δ Height	-23.952 m	Δ Z	-7647.620 m

Standard Errors

Vector errors:					
σ Δ Easting	0.449 m	σ NS fwd Azimuth	0°00'12"	σ Δ X	0.344 m
σ Δ Northing	0.070 m	σ Ellipsoid Dist.	0.078 m	σ Δ Y	0.454 m
σ Δ Elevation	0.359 m	σ Δ Height	0.359 m	σ Δ Z	0.104 m

cmlg - _5.3 (Invalid leap seconds-Invalid leap seconds) (S168)

Baseline observation:	 cmlg --- _5.3 (B350)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.068 m
Vertical precision:	0.079 m
RMS:	0.033 m
Maximum PDOP:	4.074
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:42:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _5.3					
Grid		Local		Global	
Easting	682917.737 m	Latitude	S8°02'57.86121"	Latitude	S8°02'57.86121"
Northing	9109869.156 m	Longitude	E112°39'35.49118"	Longitude	E112°39'35.49118"
Elevation	420.862 m	Height	450.819 m	Height	450.819 m

Vector					
ΔEasting	-342.121 m	NS Fwd Azimuth	182°18'22"	ΔX	710.725 m
ΔNorthing	-7718.348 m	Ellipsoid Dist.	7725.812 m	ΔY	-895.269 m
ΔElevation	-23.856 m	ΔHeight	-23.848 m	ΔZ	-7641.388 m

Standard Errors

Vector errors:					
σ ΔEasting	0.019 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.030 m
σ ΔNorthing	0.023 m	σ Ellipsoid Dist.	0.024 m	σ ΔY	0.035 m
σ ΔElevation	0.040 m	σ ΔHeight	0.040 m	σ ΔZ	0.020 m

cmlg - _5.3 (Invalid leap seconds-Invalid leap seconds) (S169)

Baseline observation:	cmlg --- _5.3 (B351)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.045 m
Vertical precision:	0.061 m
RMS:	0.036 m
Maximum PDOP:	4.144
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _5.3					
Grid		Local		Global	
Easting	682912.717 m	Latitude	S8°02'57.65949"	Latitude	S8°02'57.65949"
Northing	9109875.374 m	Longitude	E112°39'35.32642"	Longitude	E112°39'35.32642"
Elevation	421.249 m	Height	451.207 m	Height	451.207 m

Vector					
Δ Easting	-347.140 m	NS Fwd Azimuth	182°20'43"	Δ X	714.899 m
Δ Northing	-7712.130 m	Ellipsoid Dist.	7719.825 m	Δ Y	-892.170 m
Δ Elevation	-23.469 m	Δ Height	-23.460 m	Δ Z	-7635.306 m

Standard Errors

Vector errors:					
σ Δ Easting	0.017 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.015 m	σ Ellipsoid Dist.	0.016 m	σ Δ Y	0.030 m
σ Δ Elevation	0.031 m	σ Δ Height	0.031 m	σ Δ Z	0.014 m

cmlg - _4.2 (Invalid leap seconds-Invalid leap seconds) (S171)

Baseline observation:	cmlg --- _4.2 (B353)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.010 m
Vertical precision:	0.073 m
RMS:	0.020 m
Maximum PDOP:	2.110
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:48:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _4.2					
Grid		Local		Global	
Easting	682934.819 m	Latitude	S8°02'56.92911"	Latitude	S8°02'56.92911"
Northing	9109897.723 m	Longitude	E112°39'36.04527"	Longitude	E112°39'36.04527"
Elevation	421.546 m	Height	451.504 m	Height	451.504 m

Vector					
Δ Easting	-325.038 m	NS Fwd Azimuth	182°11'19"	Δ X	693.262 m
Δ Northing	-7689.781 m	Ellipsoid Dist.	7696.533 m	Δ Y	-897.480 m
Δ Elevation	-23.172 m	Δ Height	-23.163 m	Δ Z	-7613.129 m

Standard Errors

Vector errors:					
σ Δ Easting	0.004 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.016 m
σ Δ Northing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ Δ Y	0.034 m
σ Δ Elevation	0.037 m	σ Δ Height	0.037 m	σ Δ Z	0.005 m

cmlg - _4.2 (Invalid leap seconds-Invalid leap seconds) (S143)

Baseline observation:	cmlg --- _4.2 (B354)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.020 m
Vertical precision:	0.097 m
RMS:	0.030 m
Maximum PDOP:	1.483
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _4.2					
Grid		Local		Global	
Easting	682918.033 m	Latitude	S8°02'58.36923"	Latitude	S8°02'58.36923"
Northing	9109853.548 m	Longitude	E112°39'35.50294"	Longitude	E112°39'35.50294"
Elevation	420.677 m	Height	450.634 m	Height	450.634 m

Vector					
Δ Easting	-341.824 m	NS Fwd Azimuth	182°17'56"	Δ X	711.306 m
Δ Northing	-7733.957 m	Ellipsoid Dist.	7741.392 m	Δ Y	-897.593 m
Δ Elevation	-24.041 m	Δ Height	-24.033 m	Δ Z	-7656.816 m

Standard Errors

Vector errors:					
σ Δ Easting	0.006 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.022 m
σ Δ Northing	0.007 m	σ Ellipsoid Dist.	0.007 m	σ Δ Y	0.045 m
σ Δ Elevation	0.049 m	σ Δ Height	0.049 m	σ Δ Z	0.007 m

cmlg - 4.1 (Invalid leap seconds-Invalid leap seconds) (S144)

Baseline observation:	cmlg --- 4.1 (B355)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.040 m
Vertical precision:	0.071 m
RMS:	0.046 m
Maximum PDOP:	1.611
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 4.1					
Grid		Local		Global	
Easting	682947.966 m	Latitude	S8°02'57.52744"	Latitude	S8°02'57.52744"
Northing	9109879.288 m	Longitude	E112°39'36.47708"	Longitude	E112°39'36.47708"
Elevation	421.557 m	Height	451.516 m	Height	451.516 m

Vector					
Δ Easting	-311.891 m	NS Fwd Azimuth	182°05'07"	Δ X	682.047 m
Δ Northing	-7708.217 m	Ellipsoid Dist.	7714.409 m	Δ Y	-904.938 m
Δ Elevation	-23.161 m	Δ Height	-23.151 m	Δ Z	-7631.332 m

Standard Errors

Vector errors:					
σ Δ Easting	0.014 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.016 m	σ Ellipsoid Dist.	0.016 m	σ Δ Y	0.033 m
σ Δ Elevation	0.036 m	σ Δ Height	0.036 m	σ Δ Z	0.018 m

cmlg - _3.2 (Invalid leap seconds-Invalid leap seconds) (S145)

Baseline observation:	cmlg --- _3.2 (B356)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.048 m
Vertical precision:	0.082 m
RMS:	0.026 m
Maximum PDOP:	1.918
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:32:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _3.2					
Grid		Local		Global	
Easting	682943.647 m	Latitude	S8°02'57.33156"	Latitude	S8°02'57.33156"
Northing	9109885.323 m	Longitude	E112°39'36.33524"	Longitude	E112°39'36.33524"
Elevation	421.593 m	Height	451.552 m	Height	451.552 m

Vector					
Δ Easting	-316.210 m	NS Fwd Azimuth	182°07'09"	Δ X	685.717 m
Δ Northing	-7702.181 m	Ellipsoid Dist.	7708.554 m	Δ Y	-902.455 m
Δ Elevation	-23.125 m	Δ Height	-23.115 m	Δ Z	-7625.378 m

Standard Errors

Vector errors:					
σ Δ Easting	0.018 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.019 m
σ Δ Northing	0.017 m	σ Ellipsoid Dist.	0.017 m	σ Δ Y	0.039 m
σ Δ Elevation	0.042 m	σ Δ Height	0.042 m	σ Δ Z	0.021 m

cmlg - _3.1 (Invalid leap seconds-Invalid leap seconds) (S146)

Baseline observation:	cmlg --- _3.1 (B357)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.054 m
Vertical precision:	0.063 m
RMS:	0.029 m
Maximum PDOP:	1.804
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:21:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _3.1					
Grid		Local		Global	
Easting	682914.599 m	Latitude	S8°02'58.22279"	Latitude	S8°02'58.22279"
Northing	9109858.061 m	Longitude	E112°39'35.39020"	Longitude	E112°39'35.39020"
Elevation	420.391 m	Height	450.348 m	Height	450.348 m

Vector					
Δ Easting	-345.258 m	NS Fwd Azimuth	182°19'33"	Δ X	714.358 m
Δ Northing	-7729.444 m	Ellipsoid Dist.	7737.036 m	Δ Y	-895.944 m
Δ Elevation	-24.327 m	Δ Height	-24.319 m	Δ Z	-7652.321 m

Standard Errors

Vector errors:					
σ Δ Easting	0.022 m	σ NS fwd Azimuth	0°00'01"	σ Δ X	0.018 m
σ Δ Northing	0.011 m	σ Ellipsoid Dist.	0.012 m	σ Δ Y	0.034 m
σ Δ Elevation	0.032 m	σ Δ Height	0.032 m	σ Δ Z	0.013 m

cmlg - _2.4 (Invalid leap seconds-Invalid leap seconds) (S147)

Baseline observation:	cmlg --- _2.4 (B358)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.009 m
Vertical precision:	0.098 m
RMS:	0.038 m
Maximum PDOP:	1.677
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:52:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.4					
Grid		Local		Global	
Easting	682928.203 m	Latitude	S8°02'58.74869"	Latitude	S8°02'58.74869"
Northing	9109841.849 m	Longitude	E112°39'35.83661"	Longitude	E112°39'35.83661"
Elevation	419.902 m	Height	449.860 m	Height	449.860 m

Vector					
Δ Easting	-331.654 m	NS Fwd Azimuth	182°13'12"	Δ X	702.802 m
Δ Northing	-7745.656 m	Ellipsoid Dist.	7752.637 m	Δ Y	-903.744 m
Δ Elevation	-24.816 m	Δ Height	-24.807 m	Δ Z	-7668.251 m

Standard Errors

Vector errors:					
σ Δ Easting	0.004 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ Δ Y	0.045 m
σ Δ Elevation	0.050 m	σ Δ Height	0.050 m	σ Δ Z	0.008 m

cmlg - _2.3 (Invalid leap seconds-Invalid leap seconds) (S148)

Baseline observation:	cmlg --- _2.3 (B359)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.017 m
Vertical precision:	0.097 m
RMS:	0.026 m
Maximum PDOP:	3.985
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:56:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.3					
Grid		Local		Global	
Easting	682923.813 m	Latitude	S8°02'58.54334"	Latitude	S8°02'58.54334"
Northing	9109848.175 m	Longitude	E112°39'35.69241"	Longitude	E112°39'35.69241"
Elevation	421.106 m	Height	451.064 m	Height	451.064 m

Vector					
Δ Easting	-336.044 m	NS Fwd Azimuth	182°15'16"	Δ X	706.077 m
Δ Northing	-7739.329 m	Ellipsoid Dist.	7746.506 m	Δ Y	-900.127 m
Δ Elevation	-23.612 m	Δ Height	-23.603 m	Δ Z	-7662.173 m

Standard Errors

Vector errors:					
σ Δ Easting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ Δ Y	0.045 m
σ Δ Elevation	0.050 m	σ Δ Height	0.050 m	σ Δ Z	0.010 m

cmlg - _2.2 (Invalid leap seconds-Invalid leap seconds) (S149)

Baseline observation: [cmlg --- _2.2 \(B360\)](#)
Processed: Invalid leap seconds
Solution type: Fixed
Frequency used: Dual Frequency (L1, L2)
Horizontal precision: 0.018 m
Vertical precision: 0.097 m
RMS: 0.028 m
Maximum PDOP: 2.333
Ephemeris used: Broadcast
Antenna model: No phase table corrections applied.
Processing start time: Invalid leap seconds (Local: UTC+7hr)
Processing stop time: Invalid leap seconds (Local: UTC+7hr)
Processing duration: 00:46:30
Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.2					
Grid		Local		Global	
Easting	682954.277 m	Latitude	S8°02'57.75610"	Latitude	S8°02'57.75610"
Northing	9109872.237 m	Longitude	E112°39'36.68411"	Longitude	E112°39'36.68411"
Elevation	421.291 m	Height	451.249 m	Height	451.249 m

Vector					
ΔEasting	-305.580 m	NS Fwd Azimuth	182°02'11"	ΔX	676.678 m
ΔNorthing	-7715.267 m	Ellipsoid Dist.	7721.201 m	ΔY	-908.532 m
ΔElevation	-23.427 m	ΔHeight	-23.418 m	ΔZ	-7638.251 m

Standard Errors

Vector errors:					
σ ΔEasting	0.006 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.016 m
σ ΔNorthing	0.006 m	σ Ellipsoid Dist.	0.006 m	σ ΔY	0.047 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.007 m

cmlg - _2.1 (Invalid leap seconds-Invalid leap seconds) (S150)

Baseline observation:	cmlg --- _2.1 (B361)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.018 m
Vertical precision:	0.097 m
RMS:	0.017 m
Maximum PDOP:	1.695
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:50:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.1					
Grid		Local		Global	
Easting	682958.440 m	Latitude	S8°02'57.99095"	Latitude	S8°02'57.99095"
Northing	9109865.005 m	Longitude	E112°39'36.82103"	Longitude	E112°39'36.82103"
Elevation	421.793 m	Height	451.752 m	Height	451.752 m

Vector					
Δ Easting	-301.417 m	NS Fwd Azimuth	182°00'12"	Δ X	673.006 m
Δ Northing	-7722.499 m	Ellipsoid Dist.	7728.263 m	Δ Y	-910.620 m
Δ Elevation	-22.925 m	Δ Height	-22.915 m	Δ Z	-7645.465 m

Standard Errors

Vector errors:					
σ Δ Easting	0.007 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.018 m
σ Δ Northing	0.006 m	σ Ellipsoid Dist.	0.006 m	σ Δ Y	0.046 m
σ Δ Elevation	0.049 m	σ Δ Height	0.049 m	σ Δ Z	0.009 m

cmlg - _1.4 (Invalid leap seconds-Invalid leap seconds) (S151)

Baseline observation:	cmlg --- _1.4 (B362)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.040 m
Vertical precision:	0.074 m
RMS:	0.039 m
Maximum PDOP:	1.836
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.4					
Grid		Local		Global	
Easting	682794.037 m	Latitude	S8°02'50.69197"	Latitude	S8°02'50.69197"
Northing	9110089.910 m	Longitude	E112°39'31.42215"	Longitude	E112°39'31.42215"
Elevation	421.870 m	Height	451.824 m	Height	451.824 m

Vector					
Δ Easting	-465.820 m	NS Fwd Azimuth	183°19'24"	Δ X	813.444 m
Δ Northing	-7497.594 m	Ellipsoid Dist.	7511.941 m	Δ Y	-817.889 m
Δ Elevation	-22.847 m	Δ Height	-22.843 m	Δ Z	-7423.435 m

Standard Errors

Vector errors:					
σ Δ Easting	0.016 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.022 m
σ Δ Northing	0.012 m	σ Ellipsoid Dist.	0.012 m	σ Δ Y	0.035 m
σ Δ Elevation	0.038 m	σ Δ Height	0.038 m	σ Δ Z	0.013 m

cmlg - _1.3 (Invalid leap seconds-Invalid leap seconds) (S152)

Baseline observation:	cmlg --- _1.3 (B363)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.013 m
Vertical precision:	0.097 m
RMS:	0.028 m
Maximum PDOP:	1.836
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:51:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.3					
Grid		Local		Global	
Easting	682786.487 m	Latitude	S8°02'50.62936"	Latitude	S8°02'50.62936"
Northing	9110091.864 m	Longitude	E112°39'31.17531"	Longitude	E112°39'31.17531"
Elevation	421.205 m	Height	451.158 m	Height	451.158 m

Vector					
ΔEasting	-473.370 m	NS Fwd Azimuth	183°22'54"	ΔX	820.570 m
ΔNorthing	-7495.640 m	Ellipsoid Dist.	7510.463 m	ΔY	-815.338 m
ΔElevation	-23.513 m	ΔHeight	-23.509 m	ΔZ	-7421.437 m

Standard Errors

Vector errors:					
σ ΔEasting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.020 m
σ ΔNorthing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ ΔY	0.045 m
σ ΔElevation	0.050 m	σ ΔHeight	0.050 m	σ ΔZ	0.008 m

cmlg - _1.2 (Invalid leap seconds-Invalid leap seconds) (S153)

Baseline observation:	cmlg --- _1.2 (B364)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.050 m
Vertical precision:	0.060 m
RMS:	0.034 m
Maximum PDOP:	2.088
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:39:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.2					
Grid		Local		Global	
Easting	682818.168 m	Latitude	S8°02'53.16717"	Latitude	S8°02'53.16717"
Northing	9110013.770 m	Longitude	E112°39'32.22029"	Longitude	E112°39'32.22029"
Elevation	420.923 m	Height	450.878 m	Height	450.878 m

Vector					
Δ Easting	-441.689 m	NS Fwd Azimuth	183°06'21"	Δ X	795.353 m
Δ Northing	-7573.735 m	Ellipsoid Dist.	7586.492 m	Δ Y	-837.994 m
Δ Elevation	-23.795 m	Δ Height	-23.789 m	Δ Z	-7498.600 m

Standard Errors

Vector errors:					
σ Δ Easting	0.021 m	σ NS fwd Azimuth	0°00'01"	σ Δ X	0.019 m
σ Δ Northing	0.012 m	σ Ellipsoid Dist.	0.012 m	σ Δ Y	0.031 m
σ Δ Elevation	0.031 m	σ Δ Height	0.031 m	σ Δ Z	0.013 m

cmlg - _1.1 (Invalid leap seconds-Invalid leap seconds) (S154)

Baseline observation:	cmlg --- _1.1 (B365)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.045 m
Vertical precision:	0.061 m
RMS:	0.040 m
Maximum PDOP:	2.088
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:44:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.1					
Grid		Local		Global	
Easting	682840.424 m	Latitude	S8°02'52.55073"	Latitude	S8°02'52.55073"
Northing	9110032.617 m	Longitude	E112°39'32.94464"	Longitude	E112°39'32.94464"
Elevation	422.018 m	Height	451.974 m	Height	451.974 m

Vector					
Δ Easting	-419.433 m	NS Fwd Azimuth	182°56'45"	Δ X	773.445 m
Δ Northing	-7554.887 m	Ellipsoid Dist.	7566.410 m	Δ Y	-843.091 m
Δ Elevation	-22.700 m	Δ Height	-22.693 m	Δ Z	-7480.001 m

Standard Errors

Vector errors:					
σ Δ Easting	0.018 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.022 m
σ Δ Northing	0.013 m	σ Ellipsoid Dist.	0.013 m	σ Δ Y	0.028 m
σ Δ Elevation	0.031 m	σ Δ Height	0.031 m	σ Δ Z	0.014 m

cmlg - _bd4 (Invalid leap seconds-Invalid leap seconds) (S139)

Baseline observation:	cmlg --- _bd4 (B366)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.025 m
Vertical precision:	0.034 m
RMS:	0.024 m
Maximum PDOP:	1.902
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:27:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd4					
Grid		Local		Global	
Easting	682819.776 m	Latitude	S8°02'53.21200"	Latitude	S8°02'53.21200"
Northing	9110012.386 m	Longitude	E112°39'32.27300"	Longitude	E112°39'32.27300"
Elevation	421.001 m	Height	450.956 m	Height	450.956 m

Vector					
ΔEasting	-440.081 m	NS Fwd Azimuth	183°05'35"	ΔX	793.908 m
ΔNorthing	-7575.118 m	Ellipsoid Dist.	7587.780 m	ΔY	-838.723 m
ΔElevation	-23.717 m	ΔHeight	-23.711 m	ΔZ	-7499.975 m

Standard Errors

Vector errors:					
σ ΔEasting	0.010 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.009 m
σ ΔNorthing	0.007 m	σ Ellipsoid Dist.	0.007 m	σ ΔY	0.018 m
σ ΔElevation	0.017 m	σ ΔHeight	0.017 m	σ ΔZ	0.007 m

cmlg - _bd3 (Invalid leap seconds-Invalid leap seconds) (S140)

Baseline observation: [cmlg --- _bd3 \(B367\)](#)
 Processed: Invalid leap seconds
 Solution type: Fixed
 Frequency used: Dual Frequency (L1, L2)
 Horizontal precision: 0.028 m
 Vertical precision: 0.056 m
 RMS: 0.029 m
 Maximum PDOP: 2.207
 Ephemeris used: Broadcast
 Antenna model: No phase table corrections applied.
 Processing start time: Invalid leap seconds (Local: UTC+7hr)
 Processing stop time: Invalid leap seconds (Local: UTC+7hr)
 Processing duration: 00:26:00
 Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd3					
Grid		Local		Global	
Easting	682860.452 m	Latitude	S8°02'53.25872"	Latitude	S8°02'53.25872"
Northing	9110010.785 m	Longitude	E112°39'33.60162"	Longitude	E112°39'33.60162"
Elevation	421.859 m	Height	451.815 m	Height	451.815 m

Vector					
ΔEasting	-399.405 m	NS Fwd Azimuth	182°47'08"	ΔX	756.113 m
ΔNorthing	-7576.719 m	Ellipsoid Dist.	7587.127 m	ΔY	-853.797 m
ΔElevation	-22.859 m	ΔHeight	-22.852 m	ΔZ	-7501.516 m

Standard Errors

Vector errors:					
σ ΔEasting	0.011 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.013 m
σ ΔNorthing	0.010 m	σ Ellipsoid Dist.	0.010 m	σ ΔY	0.027 m
σ ΔElevation	0.029 m	σ ΔHeight	0.029 m	σ ΔZ	0.012 m

cmlg - _bd2 (Invalid leap seconds-Invalid leap seconds) (S141)

Baseline observation:	cmlg --- _bd2 (B368)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.016 m
Vertical precision:	0.097 m
RMS:	0.032 m
Maximum PDOP:	2.347
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	01:25:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd2					
Grid		Local		Global	
Easting	682850.887 m	Latitude	S8°02'52.92070"	Latitude	S8°02'52.92070"
Northing	9110021.209 m	Longitude	E112°39'33.28786"	Longitude	E112°39'33.28786"
Elevation	421.846 m	Height	451.802 m	Height	451.802 m

Vector					
ΔEasting	-408.970 m	NS Fwd Azimuth	182°51'43"	ΔX	764.425 m
ΔNorthing	-7566.296 m	Ellipsoid Dist.	7577.229 m	ΔY	-848.766 m
ΔElevation	-22.872 m	ΔHeight	-22.865 m	ΔZ	-7491.232 m

Standard Errors

Vector errors:					
σ ΔEasting	0.006 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.021 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.045 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.008 m

cmlg - _bd1 (Invalid leap seconds-Invalid leap seconds) (S142)

Baseline observation:	cmlg --- _bd1 (B369)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.056 m
Vertical precision:	0.074 m
RMS:	0.034 m
Maximum PDOP:	2.321
Ephemeris used:	Broadcast
Antenna model:	No phase table corrections applied.
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:31:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd1					
Grid		Local		Global	
Easting	682841.871 m	Latitude	S8°02'52.58483"	Latitude	S8°02'52.58483"
Northing	9110031.564 m	Longitude	E112°39'32.99203"	Longitude	E112°39'32.99203"
Elevation	421.897 m	Height	451.852 m	Height	451.852 m

Vector					
ΔEasting	-417.986 m	NS Fwd Azimuth	182°56'04"	ΔX	772.208 m
ΔNorthing	-7555.940 m	Ellipsoid Dist.	7567.381 m	ΔY	-843.897 m
ΔElevation	-22.821 m	ΔHeight	-22.815 m	ΔZ	-7481.021 m

Standard Errors

Vector errors:					
σ ΔEasting	0.022 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.024 m
σ ΔNorthing	0.016 m	σ Ellipsoid Dist.	0.016 m	σ ΔY	0.036 m
σ ΔElevation	0.038 m	σ ΔHeight	0.038 m	σ ΔZ	0.017 m

Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.6440"	Longitude	E112°39'45.6440"
Elevation	444.718 m	Height	444.667 m	Height	444.667 m

To: <u>bd5</u>					
Grid		Local		Global	
Easting	682827.692 m	Latitude	S8°02'53.87608"	Latitude	S8°02'53.87608"
Northing	9109991.952 m	Longitude	E112°39'32.53421"	Longitude	E112°39'32.53421"
Elevation	420.603 m	Height	420.558 m	Height	420.558 m

Vector					
ΔEasting	-432.165 m	NS Fwd Azimuth	183°01'29"	ΔX	787.779 m
ΔNorthing	-7595.552 m	Ellipsoid Dist.	7607.82 m	ΔY	-844.804 m
ΔElevation	-24.114 m	ΔHeight	-24.109 m	ΔZ	-7520.121 m

Vector errors:					
σ ΔEasting	0.017 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.017 m
σ ΔNorthing	0.020 m	σ Ellipsoid Dist.	0.021 m	σ ΔY	0.041 m
σ ΔElevation	0.043 m	σ ΔHeight	0.043 m	σ ΔZ	0.023 m

LAMPIRA
 NC
 MEKANIS
 ME
 PENGOLA
 HAN III

Coordinate System

Name: World wide/UTM
 Datum: WGS 1984
 Zone: 49 South
 Geoid: EGM96 (Global)
 Vertical datum:
 Calibrated site:

Project file data

Name: F:\SKRIPSI HARUS LULUS\SKRIPSI
 2022\skripsi.vce
 Size: 347 KB
 Modified: 2/5/2023 1:58:15 AM (UTC:7)
 Time zone: SE Asia Standard Time
 Reference number:
 Description:
 Comment 1:
 Comment 2:
 Comment 3:

Baseline Processing Report**Processing Summary**

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
cmlg --- 14.2 (B325)	cmlg	14.2	Fixed	0.063	0.082	182°50'27"	7695.446	-24.850
cmlg --- 13.2 (B326)	cmlg	13.2	Fixed	0.033	0.094	182°49'04"	7692.304	-24.748
cmlg --- 12.2 (B327)	cmlg	12.2	Fixed	0.020	0.096	182°47'41"	7689.014	-24.117
cmlg --- 11.4 (B328)	cmlg	11.4	Fixed	0.035	0.094	182°46'29"	7685.928	-24.702
cmlg --- 11.1 (B329)	cmlg	11.1	Fixed	0.028	0.095	182°40'51"	7692.212	-24.179
cmlg --- 13.1 (B330)	cmlg	13.1	Fixed	0.062	0.080	182°44'54"	7701.817	-24.639
cmlg --- 12.1 (B331)	cmlg	12.1	Fixed	0.020	0.097	182°44'09"	7698.441	-23.683
cmlg --- 11.3 (B332)	cmlg	11.3	Fixed	0.021	0.096	182°45'08"	7682.832	-24.342
cmlg --- 11.2 (B333)	cmlg	11.2	Fixed	0.023	0.096	182°42'16"	7695.479	-24.714
cmlg --- 10.3 (B334)	cmlg	10.3	Fixed	0.054	0.073	182°19'46"	7672.412	-23.177
cmlg --- 10.2 (B335)	cmlg	10.2	Fixed	0.027	0.049	182°19'37"	7672.171	-23.251
cmlg --- 14 (B336)	cmlg	14	Fixed	0.057	0.085	182°46'13"	7704.728	-25.205
cmlg --- _8.2 (B338)	cmlg	_8.2	Fixed	0.046	0.086	182°30'48"	7709.853	-24.172
cmlg --- _7.6 (B339)	cmlg	_7.6	Fixed	0.017	0.097	182°11'30"	7695.905	-23.132


cmlg --- _7.4 (B340)	cmlg	_7.4	Fixed	0.032	0.056	182°15'26"	7704.844	-23.356
cmlg --- _7.2 (B341)	cmlg	_7.2	Fixed	0.060	0.082	182°27'32"	7718.351	-23.999
cmlg --- _9.2 (B342)	cmlg	_9.2	Fixed	0.025	0.052	182°21'07"	7667.344	-23.307
cmlg --- _8.1 (B343)	cmlg	_8.1	Fixed	0.012	0.098	182°18'13"	7677.029	-23.218
cmlg --- _7.5 (B344)	cmlg	_7.5	Fixed	0.015	0.097	182°14'19"	7687.938	-23.027
cmlg --- _7.1 (B345)	cmlg	_7.1	Fixed	0.063	0.082	182°24'45"	7724.940	-23.913
cmlg --- _6.3 (B346)	cmlg	_6.3	Fixed	0.051	0.087	182°24'17"	7726.083	-23.824
cmlg --- _6.1 (B347)	cmlg	_6.1	Fixed	0.029	0.041	182°21'10"	7719.238	-23.659
cmlg --- _5.4 (B348)	cmlg	_5.4	Fixed	0.103	0.050	182°19'19"	7723.735	-23.357

cmlg --- _5.3 (B350)	cmlg	<u>_5.3</u>	Fixed	0.068	0.079	182°18'22"	7725.809	-23.671
cmlg --- _5.3 (B351)	cmlg	<u>_5.3</u>	Fixed	0.044	0.059	182°20'43"	7719.835	-23.320
cmlg --- _5.1 (B352)	cmlg	<u>_5.1</u>	Fixed	0.013	0.097	182°09'39"	7701.850	-23.244
cmlg --- _4.2 (B353)	cmlg	<u>_4.2</u>	Fixed	0.010	0.073	182°11'19"	7696.538	-23.056
cmlg --- _4.2 (B354)	cmlg	<u>_4.2</u>	Fixed	0.019	0.097	182°17'56"	7741.390	-23.922
cmlg --- 4.1 (B355)	cmlg	<u>4.1</u>	Fixed	0.039	0.070	182°05'06"	7714.420	-22.989
cmlg --- _3.2 (B356)	cmlg	<u>_3.2</u>	Fixed	0.050	0.085	182°07'08"	7708.564	-22.958
cmlg --- _3.1 (B357)	cmlg	<u>_3.1</u>	Fixed	0.066	0.077	182°19'33"	7737.154	-23.927
cmlg --- _2.4 (B358)	cmlg	<u>_2.4</u>	Fixed	0.008	0.098	182°13'12"	7752.640	-24.567
cmlg --- _2.3 (B359)	cmlg	<u>_2.3</u>	Fixed	0.015	0.097	182°15'15"	7746.513	-23.482
cmlg --- _2.2 (B360)	cmlg	<u>_2.2</u>	Fixed	0.018	0.097	182°02'11"	7721.202	-23.295
cmlg --- _2.1 (B361)	cmlg	<u>_2.1</u>	Fixed	0.018	0.097	182°00'12"	7728.265	-22.792
cmlg --- _1.4 (B362)	cmlg	<u>_1.4</u>	Fixed	0.041	0.075	183°19'24"	7511.948	-22.687
cmlg --- _1.3 (B363)	cmlg	<u>_1.3</u>	Fixed	0.013	0.097	183°22'54"	7510.470	-23.372
cmlg --- _1.2 (B364)	cmlg	<u>_1.2</u>	Fixed	0.048	0.057	183°06'21"	7586.497	-23.634
cmlg --- _1.1 (B365)	cmlg	<u>_1.1</u>	Fixed	0.039	0.055	182°56'42"	7566.222	-22.962
cmlg --- _bd4 (B366)	cmlg	<u>_bd4</u>	Fixed	0.026	0.036	183°05'35"	7587.782	-23.594
cmlg --- _bd3 (B367)	cmlg	<u>_bd3</u>	Fixed	0.028	0.055	182°47'08"	7587.129	-22.735
cmlg --- _bd2 (B368)	cmlg	<u>_bd2</u>	Fixed	0.016	0.097	182°51'43"	7577.231	-22.759
cmlg --- _bd1 (B369)	cmlg	<u>_bd1</u>	Fixed	0.038	0.071	182°56'05"	7567.404	-22.664
cmlg --- _bd5 (B372)	cmlg	<u>_bd5</u>	Fixed	0.065	0.076	183°01'28"	7607.761	-23.907
cmlg --- _bd6 (B373)	cmlg	<u>_bd6</u>	Fixed	0.056	0.079	182°59'15"	7618.467	-23.855

Acceptance Summary

Processed	Passed	Flag		Fail	
45	37	8		0	

cmlg - 14.2 (Invalid leap seconds-Invalid leap seconds) (S172)

Baseline observation:	 cmlg --- 14.2 (B325)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.063 m
Vertical precision:	0.082 m
RMS:	0.035 m
Maximum PDOP:	3.936
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:35:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 14.2					
Grid		Local		Global	
Easting	682847.368 m	Latitude	S8°02'56.76862"	Latitude	S8°02'56.76862"
Northing	9109903.008 m	Longitude	E112°39'33.18858"	Longitude	E112°39'33.18858"
Elevation	419.862 m	Height	449.817 m	Height	449.817 m

Vector					
ΔEasting	-412.489 m	NS Fwd Azimuth	182°50'27"	ΔX	774.364 m
ΔNorthing	-7684.496 m	Ellipsoid Dist.	7695.446 m	ΔY	-864.683 m
ΔElevation	-24.856 m	ΔHeight	-24.850 m	ΔZ	-7608.010 m

Standard Errors

Vector errors:					
σ ΔEasting	0.021 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.017 m
σ ΔNorthing	0.018 m	σ Ellipsoid Dist.	0.018 m	σ ΔY	0.044 m
σ ΔElevation	0.042 m	σ ΔHeight	0.042 m	σ ΔZ	0.017 m

cmlg - 13.2 (Invalid leap seconds-Invalid leap seconds) (S173)

Baseline observation:	cmlg --- 13.2 (B326)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.033 m
Vertical precision:	0.094 m
RMS:	0.034 m
Maximum PDOP:	3.755
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 13.2					
Grid		Local		Global	
Easting	682850.610 m	Latitude	S8°02'56.67141"	Latitude	S8°02'56.67141"
Northing	9109905.981 m	Longitude	E112°39'33.29407"	Longitude	E112°39'33.29407"
Elevation	419.963 m	Height	449.919 m	Height	449.919 m

Vector					
ΔEasting	-409.247 m	NS Fwd Azimuth	182°49'04"	ΔX	771.183 m
ΔNorthing	-7681.523 m	Ellipsoid Dist.	7692.304 m	ΔY	-865.449 m
ΔElevation	-24.755 m	ΔHeight	-24.748 m	ΔZ	-7605.067 m

Standard Errors

Vector errors:					
σ ΔEasting	0.010 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.012 m
σ ΔNorthing	0.010 m	σ Ellipsoid Dist.	0.009 m	σ ΔY	0.048 m
σ ΔElevation	0.048 m	σ ΔHeight	0.048 m	σ ΔZ	0.008 m

cmlg - 12.2 (Invalid leap seconds-Invalid leap seconds) (S174)

Baseline observation:	cmlg --- 12.2 (B327)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.020 m
Vertical precision:	0.096 m
RMS:	0.022 m
Maximum PDOP:	3.623
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:51:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 12.2					
Grid		Local		Global	
Easting	682853.865 m	Latitude	S8°02'56.56937"	Latitude	S8°02'56.56937"
Northing	9109909.103 m	Longitude	E112°39'33.39996"	Longitude	E112°39'33.39996"
Elevation	420.595 m	Height	450.550 m	Height	450.550 m

Vector					
ΔEasting	-405.992 m	NS Fwd Azimuth	182°47'41"	ΔX	767.781 m
ΔNorthing	-7678.401 m	Ellipsoid Dist.	7689.014 m	ΔY	-865.716 m
ΔElevation	-24.123 m	ΔHeight	-24.117 m	ΔZ	-7602.052 m

Standard Errors

Vector errors:					
σ ΔEasting	0.008 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.015 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.047 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.007 m

cmlg - 11.4 (Invalid leap seconds-Invalid leap seconds) (S175)

Baseline observation:	cmlg --- 11.4 (B328)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.035 m
Vertical precision:	0.094 m
RMS:	0.023 m
Maximum PDOP:	3.580
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:49:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		11.4			
Grid		Local		Global	
Easting	682856.717 m	Latitude	S8°02'56.47331"	Latitude	S8°02'56.47331"
Northing	9109912.043 m	Longitude	E112°39'33.49270"	Longitude	E112°39'33.49270"
Elevation	420.009 m	Height	449.965 m	Height	449.965 m

Vector					
Δ Easting	-403.141 m	NS Fwd Azimuth	182°46'29"	Δ X	765.224 m
Δ Northing	-7675.461 m	Ellipsoid Dist.	7685.928 m	Δ Y	-866.963 m
Δ Elevation	-24.709 m	Δ Height	-24.702 m	Δ Z	-7599.047 m

Standard Errors

Vector errors:					
σ Δ Easting	0.011 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.023 m
σ Δ Northing	0.011 m	σ Ellipsoid Dist.	0.010 m	σ Δ Y	0.043 m
σ Δ Elevation	0.048 m	σ Δ Height	0.048 m	σ Δ Z	0.013 m

cmlg - 11.1 (Invalid leap seconds-Invalid leap seconds) (S176)

Baseline observation:	cmlg --- 11.1 (B329)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.028 m
Vertical precision:	0.095 m
RMS:	0.032 m
Maximum PDOP:	3.180
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:58:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To:		11.1			
Grid		Local		Global	
Easting	682868.965 m	Latitude	S8°02'56.69713"	Latitude	S8°02'56.69713"
Northing	9109905.117 m	Longitude	E112°39'33.89363"	Longitude	E112°39'33.89363"
Elevation	420.532 m	Height	450.488 m	Height	450.488 m

Vector					
Δ Easting	-390.892 m	NS Fwd Azimuth	182°40'51"	Δ X	754.066 m
Δ Northing	-7682.387 m	Ellipsoid Dist.	7692.212 m	Δ Y	-872.103 m
Δ Elevation	-24.185 m	Δ Height	-24.179 m	Δ Z	-7605.929 m

Standard Errors

Vector errors:					
σ Δ Easting	0.012 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.022 m
σ Δ Northing	0.006 m	σ Ellipsoid Dist.	0.006 m	σ Δ Y	0.044 m
σ Δ Elevation	0.048 m	σ Δ Height	0.048 m	σ Δ Z	0.009 m

cmlg - 13.1 (Invalid leap seconds-Invalid leap seconds) (S177)

Baseline observation:	 cmlg --- 13.1 (B330)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.062 m
Vertical precision:	0.080 m
RMS:	0.026 m
Maximum PDOP:	3.530
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 13.1					
Grid		Local		Global	
Easting	682859.432 m	Latitude	S8°02'56.99548"	Latitude	S8°02'56.99548"
Northing	9109895.989 m	Longitude	E112°39'33.58349"	Longitude	E112°39'33.58349"
Elevation	420.072 m	Height	450.028 m	Height	450.028 m

Vector					
ΔEasting	-400.425 m	NS Fwd Azimuth	182°44'54"	ΔX	763.500 m
ΔNorthing	-7691.515 m	Ellipsoid Dist.	7701.817 m	ΔY	-870.050 m
ΔElevation	-24.645 m	ΔHeight	-24.639 m	ΔZ	-7614.941 m

Standard Errors

Vector errors:					
σ ΔEasting	0.024 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.024 m
σ ΔNorthing	0.015 m	σ Ellipsoid Dist.	0.015 m	σ ΔY	0.041 m
σ ΔElevation	0.041 m	σ ΔHeight	0.041 m	σ ΔZ	0.017 m

cmlg - 12.1 (Invalid leap seconds-Invalid leap seconds) (S178)

Baseline observation:	cmlg --- 12.1 (B331)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.020 m
Vertical precision:	0.097 m
RMS:	0.027 m
Maximum PDOP:	8.439
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		12.1			
Grid		Local		Global	
Easting	682861.291 m	Latitude	S8°02'56.88832"	Latitude	S8°02'56.88832"
Northing	9109899.274 m	Longitude	E112°39'33.64379"	Longitude	E112°39'33.64379"
Elevation	421.028 m	Height	450.984 m	Height	450.984 m

Vector					
Δ Easting	-398.566 m	NS Fwd Azimuth	182°44'09"	Δ X	761.254 m
Δ Northing	-7688.230 m	Ellipsoid Dist.	7698.441 m	Δ Y	-869.462 m
Δ Elevation	-23.690 m	Δ Height	-23.683 m	Δ Z	-7611.815 m

Standard Errors

Vector errors:					
σ Δ Easting	0.007 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.017 m
σ Δ Northing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ Δ Y	0.046 m
σ Δ Elevation	0.049 m	σ Δ Height	0.049 m	σ Δ Z	0.010 m

cmlg - 11.3 (Invalid leap seconds-Invalid leap seconds) (S179)

Baseline observation:	cmlg --- 11.3 (B332)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.021 m
Vertical precision:	0.096 m
RMS:	0.025 m
Maximum PDOP:	3.338
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:50:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg					
		Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"		
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"		
Elevation	444.718 m	Height	474.667 m	Height	474.667 m		

To:		11.3					
		Grid		Local		Global	
Easting	682859.890 m	Latitude	S8°02'56.37737"	Latitude	S8°02'56.37737"		
Northing	9109914.977 m	Longitude	E112°39'33.59596"	Longitude	E112°39'33.59596"		
Elevation	420.370 m	Height	450.325 m	Height	450.325 m		

Vector					
ΔEasting	-399.967 m	NS Fwd Azimuth	182°45'08"	ΔX	762.010 m
ΔNorthing	-7672.527 m	Ellipsoid Dist.	7682.832 m	ΔY	-867.471 m
ΔElevation	-24.348 m	ΔHeight	-24.342 m	ΔZ	-7596.179 m

Standard Errors

Vector errors:					
σ ΔEasting	0.006 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.021 m
σ ΔNorthing	0.008 m	σ Ellipsoid Dist.	0.008 m	σ ΔY	0.045 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.009 m

cmlg - 11.2 (Invalid leap seconds-Invalid leap seconds) (S180)

Baseline observation:	cmlg --- 11.2 (B333)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.023 m
Vertical precision:	0.096 m
RMS:	0.043 m
Maximum PDOP:	2.957
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:54:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 11.2					
Grid		Local		Global	
Easting	682865.626 m	Latitude	S8°02'56.79851"	Latitude	S8°02'56.79851"
Northing	9109902.016 m	Longitude	E112°39'33.78500"	Longitude	E112°39'33.78500"
Elevation	419.997 m	Height	449.953 m	Height	449.953 m

Vector					
ΔEasting	-394.231 m	NS Fwd Azimuth	182°42'16"	ΔX	757.508 m
ΔNorthing	-7685.489 m	Ellipsoid Dist.	7695.479 m	ΔY	-871.714 m
ΔElevation	-24.721 m	ΔHeight	-24.714 m	ΔZ	-7608.939 m

Standard Errors

Vector errors:					
σ ΔEasting	0.009 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.021 m
σ ΔNorthing	0.006 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.044 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.010 m

cmlg - 10.3 (Invalid leap seconds-Invalid leap seconds) (S181)

Baseline observation:	cmlg --- 10.3 (B334)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.054 m
Vertical precision:	0.073 m
RMS:	0.039 m
Maximum PDOP:	2.089
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:36:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg					
		Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"		
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"		
Elevation	444.718 m	Height	474.667 m	Height	474.667 m		

To:		10.3					
		Grid		Local		Global	
Easting	682917.000 m	Latitude	S8°02'56.12032"	Latitude	S8°02'56.12032"		
Northing	9109922.643 m	Longitude	E112°39'35.46003"	Longitude	E112°39'35.46003"		
Elevation	421.532 m	Height	451.490 m	Height	451.490 m		

Vector					
Δ Easting	-342.858 m	NS Fwd Azimuth	182°19'46"	Δ X	708.465 m
Δ Northing	-7664.862 m	Ellipsoid Dist.	7672.412 m	Δ Y	-887.378 m
Δ Elevation	-23.186 m	Δ Height	-23.177 m	Δ Z	-7588.523 m

Standard Errors

Vector errors:					
σ Δ Easting	0.021 m	σ NS fwd Azimuth	0°00'01"	σ Δ X	0.023 m
σ Δ Northing	0.016 m	σ Ellipsoid Dist.	0.016 m	σ Δ Y	0.036 m
σ Δ Elevation	0.037 m	σ Δ Height	0.037 m	σ Δ Z	0.016 m

cmlg - 10.2 (Invalid leap seconds-Invalid leap seconds) (S182)

Baseline observation:	cmlg --- 10.2 (B335)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.027 m
Vertical precision:	0.049 m
RMS:	0.031 m
Maximum PDOP:	2.518
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:35:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		10.2			
Grid		Local		Global	
Easting	682917.343 m	Latitude	S8°02'56.11292"	Latitude	S8°02'56.11292"
Northing	9109922.869 m	Longitude	E112°39'35.47122"	Longitude	E112°39'35.47122"
Elevation	421.459 m	Height	451.416 m	Height	451.416 m

Vector					
Δ Easting	-342.514 m	NS Fwd Azimuth	182°19'37"	Δ X	708.164 m
Δ Northing	-7664.636 m	Ellipsoid Dist.	7672.171 m	Δ Y	-887.547 m
Δ Elevation	-23.259 m	Δ Height	-23.251 m	Δ Z	-7588.287 m

Standard Errors

Vector errors:					
σ Δ Easting	0.011 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.013 m
σ Δ Northing	0.008 m	σ Ellipsoid Dist.	0.008 m	σ Δ Y	0.024 m
σ Δ Elevation	0.025 m	σ Δ Height	0.025 m	σ Δ Z	0.008 m

cmlg - 14 (Invalid leap seconds-Invalid leap seconds) (S183)

Baseline observation:	cmlg --- 14 (B336)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.057 m
Vertical precision:	0.085 m
RMS:	0.040 m
Maximum PDOP:	5.054
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:36:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:	cmlg					
	Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"	
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"	
Elevation	444.718 m	Height	474.667 m	Height	474.667 m	

To:	14					
	Grid		Local		Global	
Easting	682856.335 m	Latitude	S8°02'57.08548"	Latitude	S8°02'57.08548"	
Northing	9109893.237 m	Longitude	E112°39'33.48274"	Longitude	E112°39'33.48274"	
Elevation	419.506 m	Height	449.462 m	Height	449.462 m	

Vector					
ΔEasting	-403.522 m	NS Fwd Azimuth	182°46'13"	ΔX	766.712 m
ΔNorthing	-7694.267 m	Ellipsoid Dist.	7704.728 m	ΔY	-869.736 m
ΔElevation	-25.212 m	ΔHeight	-25.205 m	ΔZ	-7617.600 m

Standard Errors

Vector errors:					
σ ΔEasting	0.021 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.030 m
σ ΔNorthing	0.014 m	σ Ellipsoid Dist.	0.013 m	σ ΔY	0.035 m
σ ΔElevation	0.043 m	σ ΔHeight	0.043 m	σ ΔZ	0.019 m

cmlg - _8.2 (Invalid leap seconds-Invalid leap seconds) (S156)

Baseline observation:	cmlg --- _8.2 (B338)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.046 m
Vertical precision:	0.086 m
RMS:	0.048 m
Maximum PDOP:	2.218
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:40:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _8.2					
Grid		Local		Global	
Easting	682890.583 m	Latitude	S8°02'57.30397"	Latitude	S8°02'57.30397"
Northing	9109886.386 m	Longitude	E112°39'34.60211"	Longitude	E112°39'34.60211"
Elevation	420.539 m	Height	450.495 m	Height	450.495 m

Vector					
ΔEasting	-369.274 m	NS Fwd Azimuth	182°30'48"	ΔX	735.049 m
ΔNorthing	-7701.118 m	Ellipsoid Dist.	7709.853 m	ΔY	-882.864 m
ΔElevation	-24.179 m	ΔHeight	-24.172 m	ΔZ	-7624.391 m

Standard Errors

Vector errors:					
σ ΔEasting	0.019 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.026 m
σ ΔNorthing	0.015 m	σ Ellipsoid Dist.	0.015 m	σ ΔY	0.039 m
σ ΔElevation	0.044 m	σ ΔHeight	0.044 m	σ ΔZ	0.018 m

cmlg - _7.4 (Invalid leap seconds-Invalid leap seconds) (S158)

Baseline observation:	cmlg --- _7.4 (B340)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.032 m
Vertical precision:	0.056 m
RMS:	0.025 m
Maximum PDOP:	3.271
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:37:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _7.4					
Grid		Local		Global	
Easting	682925.227 m	Latitude	S8°02'57.18777"	Latitude	S8°02'57.18777"
Northing	9109889.815 m	Longitude	E112°39'35.73308"	Longitude	E112°39'35.73308"
Elevation	421.353 m	Height	451.311 m	Height	451.311 m

Vector					
ΔEasting	-334.630 m	NS Fwd Azimuth	182°15'26"	ΔX	702.586 m
ΔNorthing	-7697.689 m	Ellipsoid Dist.	7704.844 m	ΔY	-895.000 m
ΔElevation	-23.365 m	ΔHeight	-23.356 m	ΔZ	-7620.970 m

Standard Errors

Vector errors:					
σ ΔEasting	0.012 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.010 m
σ ΔNorthing	0.010 m	σ Ellipsoid Dist.	0.010 m	σ ΔY	0.029 m
σ ΔElevation	0.028 m	σ ΔHeight	0.028 m	σ ΔZ	0.009 m

cmlg - _7.2 (Invalid leap seconds-Invalid leap seconds) (S159)

Baseline observation:	 cmlg ---_7.2 (B341)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.060 m
Vertical precision:	0.082 m
RMS:	0.017 m
Maximum PDOP:	2.830
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:38:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg					
		Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"		
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"		
Elevation	444.718 m	Height	474.667 m	Height	474.667 m		

To:		_7.2					
		Grid		Local		Global	
Easting	682897.516 m	Latitude	S8°02'57.59072"	Latitude	S8°02'57.59072"		
Northing	9109877.548 m	Longitude	E112°39'34.82972"	Longitude	E112°39'34.82972"		
Elevation	420.711 m	Height	450.668 m	Height	450.668 m		

Vector					
Δ Easting	-362.341 m	NS Fwd Azimuth	182°27'32"	Δ X	729.026 m
Δ Northing	-7709.956 m	Ellipsoid Dist.	7718.351 m	Δ Y	-886.530 m
Δ Elevation	-24.007 m	Δ Height	-23.999 m	Δ Z	-7633.138 m

Standard Errors

Vector errors:					
σ Δ Easting	0.024 m	σ NS fwd Azimuth	0°00'01"	σ Δ X	0.022 m
σ Δ Northing	0.013 m	σ Ellipsoid Dist.	0.014 m	σ Δ Y	0.042 m
σ Δ Elevation	0.042 m	σ Δ Height	0.042 m	σ Δ Z	0.016 m

cmlg - _9.2 (Invalid leap seconds-Invalid leap seconds) (S160)

Baseline observation: [cmlg --- _9.2 \(B342\)](#)
 Processed: Invalid leap seconds
 Solution type: Fixed
 Frequency used: Dual Frequency (L1, L2)
 Horizontal precision: 0.025 m
 Vertical precision: 0.052 m
 RMS: 0.017 m
 Maximum PDOP: 1.688
 Ephemeris used: Broadcast
 Antenna model: NGS Absolute
 Processing start time: Invalid leap seconds (Local: UTC+7hr)
 Processing stop time: Invalid leap seconds (Local: UTC+7hr)
 Processing duration: 00:41:00
 Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _9.2					
Grid		Local		Global	
Easting	682914.214 m	Latitude	S8°02'55.95149"	Latitude	S8°02'55.95149"
Northing	9109927.841 m	Longitude	E112°39'35.36836"	Longitude	E112°39'35.36836"
Elevation	421.402 m	Height	451.360 m	Height	451.360 m

Vector					
Δ Easting	-345.643 m	NS Fwd Azimuth	182°21'07"	Δ X	710.825 m
Δ Northing	-7659.664 m	Ellipsoid Dist.	7667.344 m	Δ Y	-885.744 m
Δ Elevation	-23.315 m	Δ Height	-23.307 m	Δ Z	-7583.369 m

Standard Errors

Vector errors:					
σ Δ Easting	0.010 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.014 m
σ Δ Northing	0.010 m	σ Ellipsoid Dist.	0.010 m	σ Δ Y	0.024 m
σ Δ Elevation	0.027 m	σ Δ Height	0.027 m	σ Δ Z	0.010 m

cmlg - _8.1 (Invalid leap seconds-Invalid leap seconds) (S161)

Baseline observation:	cmlg --- _8.1 (B343)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.012 m
Vertical precision:	0.098 m
RMS:	0.032 m
Maximum PDOP:	2.183
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:51:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _8.1					
Grid		Local		Global	
Easting	682920.234 m	Latitude	S8°02'56.27501"	Latitude	S8°02'56.27501"
Northing	9109917.877 m	Longitude	E112°39'35.56629"	Longitude	E112°39'35.56629"
Elevation	421.491 m	Height	451.449 m	Height	451.449 m

Vector					
Δ Easting	-339.623 m	NS Fwd Azimuth	182°18'13"	Δ X	705.734 m
Δ Northing	-7669.627 m	Ellipsoid Dist.	7677.029 m	Δ Y	-889.282 m
Δ Elevation	-23.227 m	Δ Height	-23.218 m	Δ Z	-7593.223 m

Standard Errors

Vector errors:					
σ Δ Easting	0.004 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ Δ Y	0.045 m
σ Δ Elevation	0.050 m	σ Δ Height	0.050 m	σ Δ Z	0.008 m

cmlg - _7.5 (Invalid leap seconds-Invalid leap seconds) (S162)

Baseline observation:	cmlg ---_7.5 (B344)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.015 m
Vertical precision:	0.097 m
RMS:	0.024 m
Maximum PDOP:	1.864
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:58:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _7.5					
Grid		Local		Global	
Easting	682928.474 m	Latitude	S8°02'56.64108"	Latitude	S8°02'56.64108"
Northing	9109906.597 m	Longitude	E112°39'35.83688"	Longitude	E112°39'35.83688"
Elevation	421.682 m	Height	451.640 m	Height	451.640 m

Vector					
ΔEasting	-331.383 m	NS Fwd Azimuth	182°14'19"	ΔX	698.622 m
ΔNorthing	-7680.907 m	Ellipsoid Dist.	7687.938 m	ΔY	-893.754 m
ΔElevation	-23.036 m	ΔHeight	-23.027 m	ΔZ	-7604.386 m

Standard Errors

Vector errors:					
σ ΔEasting	0.006 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.019 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.045 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.009 m

'cmlg - _7.1 (Invalid leap seconds-Invalid leap seconds) (S163)

Baseline observation:	 cmlg --- _7.1 (B345)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.063 m
Vertical precision:	0.082 m
RMS:	0.022 m
Maximum PDOP:	9.151
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:39:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		_7.1			
Grid		Local		Global	
Easting	682903.463 m	Latitude	S8°02'57.81366"	Latitude	S8°02'57.81366"
Northing	9109870.675 m	Longitude	E112°39'35.02483"	Longitude	E112°39'35.02483"
Elevation	420.797 m	Height	450.754 m	Height	450.754 m

Vector					
Δ Easting	-356.394 m	NS Fwd Azimuth	182°24'45"	Δ X	723.850 m
Δ Northing	-7716.829 m	Ellipsoid Dist.	7724.940 m	Δ Y	-889.638 m
Δ Elevation	-23.921 m	Δ Height	-23.913 m	Δ Z	-7639.932 m

Standard Errors

Vector errors:					
σ Δ Easting	0.022 m	σ NS fwd Azimuth	0°00'01"	σ Δ X	0.012 m
σ Δ Northing	0.017 m	σ Ellipsoid Dist.	0.018 m	σ Δ Y	0.044 m
σ Δ Elevation	0.042 m	σ Δ Height	0.042 m	σ Δ Z	0.021 m

cmlg - _6.3 (Invalid leap seconds-Invalid leap seconds) (S164)

Baseline observation: [cmlg --- _6.3 \(B346\)](#)
 Processed: Invalid leap seconds
 Solution type: Fixed
 Frequency used: Dual Frequency (L1, L2)
 Horizontal precision: 0.051 m
 Vertical precision: 0.087 m
 RMS: 0.045 m
 Maximum PDOP: 77.372
 Ephemeris used: Broadcast
 Antenna model: NGS Absolute
 Processing start time: Invalid leap seconds (Local: UTC+7hr)
 Processing stop time: Invalid leap seconds (Local: UTC+7hr)
 Processing duration: 00:48:00
 Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _6.3					
Grid		Local		Global	
Easting	682904.447 m	Latitude	S8°02'57.85226"	Latitude	S8°02'57.85226"
Northing	9109869.485 m	Longitude	E112°39'35.05713"	Longitude	E112°39'35.05713"
Elevation	420.886 m	Height	450.843 m	Height	450.843 m

Vector					
Δ Easting	-355.410 m	NS Fwd Azimuth	182°24'17"	Δ X	722.967 m
Δ Northing	-7718.019 m	Ellipsoid Dist.	7726.083 m	Δ Y	-890.091 m
Δ Elevation	-23.832 m	Δ Height	-23.824 m	Δ Z	-7641.119 m

Standard Errors

Vector errors:					
σ Δ Easting	0.020 m	σ NS fwd Azimuth	0°00'01"	σ Δ X	0.022 m
σ Δ Northing	0.012 m	σ Ellipsoid Dist.	0.012 m	σ Δ Y	0.042 m
σ Δ Elevation	0.044 m	σ Δ Height	0.044 m	σ Δ Z	0.016 m

cmlg - _6.1 (Invalid leap seconds-Invalid leap seconds) (S165)

Baseline observation:	cmlg --- _6.1 (B347)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.029 m
Vertical precision:	0.041 m
RMS:	0.032 m
Maximum PDOP:	2.950
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:40:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To:		_6.1			
Grid		Local		Global	
Easting	682911.734 m	Latitude	S8°02'57.63908"	Latitude	S8°02'57.63908"
Northing	9109876.005 m	Longitude	E112°39'35.29424"	Longitude	E112°39'35.29424"
Elevation	421.051 m	Height	451.008 m	Height	451.008 m

Vector					
ΔEasting	-348.123 m	NS Fwd Azimuth	182°21'10"	ΔX	715.851 m
ΔNorthing	-7711.499 m	Ellipsoid Dist.	7719.238 m	ΔY	-891.891 m
ΔElevation	-23.667 m	ΔHeight	-23.659 m	ΔZ	-7634.657 m

Standard Errors

Vector errors:					
σ ΔEasting	0.011 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.015 m
σ ΔNorthing	0.009 m	σ Ellipsoid Dist.	0.010 m	σ ΔY	0.018 m
σ ΔElevation	0.021 m	σ ΔHeight	0.021 m	σ ΔZ	0.009 m

cmlg - _5.4 (Invalid leap seconds-Invalid leap seconds) (S166)

Baseline observation:	 cmlg --- _5.4 (B348)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.103 m
Vertical precision:	0.050 m
RMS:	0.034 m
Maximum PDOP:	7.323
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _5.4					
Grid		Local		Global	
Easting	682915.697 m	Latitude	S8°02'57.79086"	Latitude	S8°02'57.79086"
Northing	9109871.326 m	Longitude	E112°39'35.42430"	Longitude	E112°39'35.42430"
Elevation	421.352 m	Height	451.310 m	Height	451.310 m

Vector					
ΔEasting	-344.160 m	NS Fwd Azimuth	182°19'19"	ΔX	712.312 m
ΔNorthing	-7716.178 m	Ellipsoid Dist.	7723.735 m	ΔY	-893.752 m
ΔElevation	-23.365 m	ΔHeight	-23.357 m	ΔZ	-7639.316 m

Standard Errors

Vector errors:					
σ ΔEasting	0.019 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.026 m
σ ΔNorthing	0.039 m	σ Ellipsoid Dist.	0.039 m	σ ΔY	0.023 m
σ ΔElevation	0.025 m	σ ΔHeight	0.025 m	σ ΔZ	0.036 m

cmlg - _5.3 (Invalid leap seconds-Invalid leap seconds) (S168)

Baseline observation:	 cmlg --- _5.3 (B350)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.068 m
Vertical precision:	0.079 m
RMS:	0.033 m
Maximum PDOP:	4.074
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:42:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _5.3					
Grid		Local		Global	
Easting	682917.744 m	Latitude	S8°02'57.86112"	Latitude	S8°02'57.86112"
Northing	9109869.159 m	Longitude	E112°39'35.49143"	Longitude	E112°39'35.49143"
Elevation	421.039 m	Height	450.996 m	Height	450.996 m

Vector					
ΔEasting	-342.113 m	NS Fwd Azimuth	182°18'22"	ΔX	710.651 m
ΔNorthing	-7718.345 m	Ellipsoid Dist.	7725.809 m	ΔY	-895.110 m
ΔElevation	-23.679 m	ΔHeight	-23.671 m	ΔZ	-7641.410 m

Standard Errors

Vector errors:					
σ ΔEasting	0.019 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.030 m
σ ΔNorthing	0.023 m	σ Ellipsoid Dist.	0.024 m	σ ΔY	0.035 m
σ ΔElevation	0.040 m	σ ΔHeight	0.040 m	σ ΔZ	0.020 m

cmlg - _5.3 (Invalid leap seconds-Invalid leap seconds) (S169)

Baseline observation:	cmlg --- _5.3 (B351)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.044 m
Vertical precision:	0.059 m
RMS:	0.035 m
Maximum PDOP:	4.144
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _5.3					
Grid		Local		Global	
Easting	682912.718 m	Latitude	S8°02'57.65982"	Latitude	S8°02'57.65982"
Northing	9109875.364 m	Longitude	E112°39'35.32646"	Longitude	E112°39'35.32646"
Elevation	421.390 m	Height	451.347 m	Height	451.347 m

Vector					
Δ Easting	-347.139 m	NS Fwd Azimuth	182°20'43"	Δ X	714.845 m
Δ Northing	-7712.141 m	Ellipsoid Dist.	7719.835 m	Δ Y	-892.043 m
Δ Elevation	-23.328 m	Δ Height	-23.320 m	Δ Z	-7635.336 m

Standard Errors

Vector errors:					
σ Δ Easting	0.016 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.015 m	σ Ellipsoid Dist.	0.015 m	σ Δ Y	0.028 m
σ Δ Elevation	0.030 m	σ Δ Height	0.030 m	σ Δ Z	0.014 m

cmlg - _5.1 (Invalid leap seconds-Invalid leap seconds) (S170)

Baseline observation:	cmlg --- _5.1 (B352)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.013 m
Vertical precision:	0.097 m
RMS:	0.022 m
Maximum PDOP:	2.003
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:50:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg					
		Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"		
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"		
Elevation	444.718 m	Height	474.667 m	Height	474.667 m		

To:		_5.1					
		Grid		Local		Global	
Easting	682938.328 m	Latitude	S8°02'57.10666"	Latitude	S8°02'57.10666"		
Northing	9109892.254 m	Longitude	E112°39'36.16060"	Longitude	E112°39'36.16060"		
Elevation	421.465 m	Height	451.423 m	Height	451.423 m		

Vector					
Δ Easting	-321.529 m	NS Fwd Azimuth	182°09'39"	Δ X	690.328 m
Δ Northing	-7695.250 m	Ellipsoid Dist.	7701.850 m	Δ Y	-899.619 m
Δ Elevation	-23.253 m	Δ Height	-23.244 m	Δ Z	-7618.518 m

Standard Errors

Vector errors:					
σ Δ Easting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.004 m	σ Ellipsoid Dist.	0.004 m	σ Δ Y	0.045 m
σ Δ Elevation	0.050 m	σ Δ Height	0.050 m	σ Δ Z	0.007 m

cmlg - _4.2 (Invalid leap seconds-Invalid leap seconds) (S171)

Baseline observation: [cmlg --- _4.2 \(B353\)](#)
 Processed: Invalid leap seconds
 Solution type: Fixed
 Frequency used: Dual Frequency (L1, L2)
 Horizontal precision: 0.010 m
 Vertical precision: 0.073 m
 RMS: 0.020 m
 Maximum PDOP: 2.110
 Ephemeris used: Broadcast
 Antenna model: NGS Absolute
 Processing start time: Invalid leap seconds (Local: UTC+7hr)
 Processing stop time: Invalid leap seconds (Local: UTC+7hr)
 Processing duration: 00:48:00
 Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _4.2					
Grid		Local		Global	
Easting	682934.820 m	Latitude	S8°02'56.92926"	Latitude	S8°02'56.92926"
Northing	9109897.718 m	Longitude	E112°39'36.04531"	Longitude	E112°39'36.04531"
Elevation	421.653 m	Height	451.611 m	Height	451.611 m

Vector					
Δ Easting	-325.037 m	NS Fwd Azimuth	182°11'19"	Δ X	693.220 m
Δ Northing	-7689.786 m	Ellipsoid Dist.	7696.538 m	Δ Y	-897.383 m
Δ Elevation	-23.065 m	Δ Height	-23.056 m	Δ Z	-7613.148 m

Standard Errors

Vector errors:					
σ Δ Easting	0.004 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.016 m
σ Δ Northing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ Δ Y	0.034 m
σ Δ Elevation	0.037 m	σ Δ Height	0.037 m	σ Δ Z	0.005 m

cmlg - 4.1 (Invalid leap seconds-Invalid leap seconds) (S144)

Baseline observation:	cmlg --- 4.1 (B355)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.039 m
Vertical precision:	0.070 m
RMS:	0.046 m
Maximum PDOP:	1.611
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		4.1			
Grid		Local		Global	
Easting	682947.973 m	Latitude	S8°02'57.52783"	Latitude	S8°02'57.52783"
Northing	9109879.276 m	Longitude	E112°39'36.47730"	Longitude	E112°39'36.47730"
Elevation	421.719 m	Height	451.678 m	Height	451.678 m

Vector					
Δ Easting	-311.884 m	NS Fwd Azimuth	182°05'06"	Δ X	681.980 m
Δ Northing	-7708.229 m	Ellipsoid Dist.	7714.420 m	Δ Y	-904.794 m
Δ Elevation	-22.998 m	Δ Height	-22.989 m	Δ Z	-7631.366 m

Standard Errors

Vector errors:					
σ Δ Easting	0.013 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.019 m
σ Δ Northing	0.016 m	σ Ellipsoid Dist.	0.016 m	σ Δ Y	0.032 m
σ Δ Elevation	0.036 m	σ Δ Height	0.036 m	σ Δ Z	0.017 m

cmlg - _3.2 (Invalid leap seconds-Invalid leap seconds) (S145)

Baseline observation:	cmlg --- _3.2 (B356)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.050 m
Vertical precision:	0.085 m
RMS:	0.027 m
Maximum PDOP:	1.918
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:32:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _3.2					
Grid		Local		Global	
Easting	682943.652 m	Latitude	S8°02'57.33189"	Latitude	S8°02'57.33189"
Northing	9109885.313 m	Longitude	E112°39'36.33538"	Longitude	E112°39'36.33538"
Elevation	421.751 m	Height	451.709 m	Height	451.709 m

Vector					
ΔEasting	-316.205 m	NS Fwd Azimuth	182°07'08"	ΔX	685.653 m
ΔNorthing	-7702.191 m	Ellipsoid Dist.	7708.564 m	ΔY	-902.314 m
ΔElevation	-22.967 m	ΔHeight	-22.958 m	ΔZ	-7625.410 m

Standard Errors

Vector errors:					
σ ΔEasting	0.019 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.020 m
σ ΔNorthing	0.017 m	σ Ellipsoid Dist.	0.018 m	σ ΔY	0.041 m
σ ΔElevation	0.043 m	σ ΔHeight	0.043 m	σ ΔZ	0.022 m

cmlg - _3.1 (Invalid leap seconds-Invalid leap seconds) (S146)

Baseline observation:	 cmlg --- _3.1 (B357)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.066 m
Vertical precision:	0.077 m
RMS:	0.037 m
Maximum PDOP:	1.804
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:21:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _3.1					
Grid		Local		Global	
Easting	682914.587 m	Latitude	S8°02'58.22664"	Latitude	S8°02'58.22664"
Northing	9109857.942 m	Longitude	E112°39'35.38982"	Longitude	E112°39'35.38982"
Elevation	420.783 m	Height	450.740 m	Height	450.740 m

Vector					
ΔEasting	-345.270 m	NS Fwd Azimuth	182°19'33"	ΔX	714.226 m
ΔNorthing	-7729.562 m	Ellipsoid Dist.	7737.154 m	ΔY	-895.596 m
ΔElevation	-23.935 m	ΔHeight	-23.927 m	ΔZ	-7652.493 m

Standard Errors

Vector errors:					
σ ΔEasting	0.027 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.023 m
σ ΔNorthing	0.016 m	σ Ellipsoid Dist.	0.016 m	σ ΔY	0.041 m
σ ΔElevation	0.040 m	σ ΔHeight	0.040 m	σ ΔZ	0.018 m

cmlg - _2.4 (Invalid leap seconds-Invalid leap seconds) (S147)

Baseline observation:	cmlg --- _2.4 (B358)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.008 m
Vertical precision:	0.098 m
RMS:	0.037 m
Maximum PDOP:	1.677
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:52:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.4					
Grid		Local		Global	
Easting	682928.200 m	Latitude	S8°02'58.74880"	Latitude	S8°02'58.74880"
Northing	9109841.845 m	Longitude	E112°39'35.83652"	Longitude	E112°39'35.83652"
Elevation	420.142 m	Height	450.100 m	Height	450.100 m

Vector					
Δ Easting	-331.657 m	NS Fwd Azimuth	182°13'12"	Δ X	702.713 m
Δ Northing	-7745.659 m	Ellipsoid Dist.	7752.640 m	Δ Y	-903.524 m
Δ Elevation	-24.576 m	Δ Height	-24.567 m	Δ Z	-7668.288 m

Standard Errors

Vector errors:					
σ Δ Easting	0.003 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.002 m	σ Ellipsoid Dist.	0.002 m	σ Δ Y	0.045 m
σ Δ Elevation	0.050 m	σ Δ Height	0.050 m	σ Δ Z	0.008 m

cmlg - _2.3 (Invalid leap seconds-Invalid leap seconds) (S148)

Baseline observation:	cmlg --- _2.3 (B359)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.015 m
Vertical precision:	0.097 m
RMS:	0.026 m
Maximum PDOP:	3.985
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:56:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.3					
Grid		Local		Global	
Easting	682923.821 m	Latitude	S8°02'58.54358"	Latitude	S8°02'58.54358"
Northing	9109848.168 m	Longitude	E112°39'35.69267"	Longitude	E112°39'35.69267"
Elevation	421.227 m	Height	451.185 m	Height	451.185 m

Vector					
Δ Easting	-336.036 m	NS Fwd Azimuth	182°15'15"	Δ X	706.023 m
Δ Northing	-7739.336 m	Ellipsoid Dist.	7746.513 m	Δ Y	-900.021 m
Δ Elevation	-23.491 m	Δ Height	-23.482 m	Δ Z	-7662.197 m

Standard Errors

Vector errors:					
σ Δ Easting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.021 m
σ Δ Northing	0.004 m	σ Ellipsoid Dist.	0.004 m	σ Δ Y	0.045 m
σ Δ Elevation	0.050 m	σ Δ Height	0.050 m	σ Δ Z	0.010 m

cmlg - _2.1 (Invalid leap seconds-Invalid leap seconds) (S150)

Baseline observation:	cmlg --- _2.1 (B361)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.018 m
Vertical precision:	0.097 m
RMS:	0.017 m
Maximum PDOP:	1.695
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:50:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.1					
Grid		Local		Global	
Easting	682958.442 m	Latitude	S8°02'57.99100"	Latitude	S8°02'57.99100"
Northing	9109865.004 m	Longitude	E112°39'36.82110"	Longitude	E112°39'36.82110"
Elevation	421.916 m	Height	451.875 m	Height	451.875 m

Vector					
ΔEasting	-301.415 m	NS Fwd Azimuth	182°00'12"	ΔX	672.957 m
ΔNorthing	-7722.500 m	Ellipsoid Dist.	7728.265 m	ΔY	-910.509 m
ΔElevation	-22.802 m	ΔHeight	-22.792 m	ΔZ	-7645.484 m

Standard Errors

Vector errors:					
σ ΔEasting	0.007 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.018 m
σ ΔNorthing	0.006 m	σ Ellipsoid Dist.	0.006 m	σ ΔY	0.046 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.009 m

cmlg - _1.4 (Invalid leap seconds-Invalid leap seconds) (S151)

Baseline observation:	cmlg --- _1.4 (B362)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.041 m
Vertical precision:	0.075 m
RMS:	0.039 m
Maximum PDOP:	1.836
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.4					
Grid		Local		Global	
Easting	682794.038 m	Latitude	S8°02'50.69220"	Latitude	S8°02'50.69220"
Northing	9110089.903 m	Longitude	E112°39'31.42219"	Longitude	E112°39'31.42219"
Elevation	422.026 m	Height	451.980 m	Height	451.980 m

Vector					
Δ Easting	-465.819 m	NS Fwd Azimuth	183°19'24"	Δ X	813.384 m
Δ Northing	-7497.601 m	Ellipsoid Dist.	7511.948 m	Δ Y	-817.749 m
Δ Elevation	-22.692 m	Δ Height	-22.687 m	Δ Z	-7423.464 m

Standard Errors

Vector errors:					
σ Δ Easting	0.017 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.022 m
σ Δ Northing	0.012 m	σ Ellipsoid Dist.	0.012 m	σ Δ Y	0.035 m
σ Δ Elevation	0.038 m	σ Δ Height	0.038 m	σ Δ Z	0.014 m

cmlg - _1.3 (Invalid leap seconds-Invalid leap seconds) (S152)

Baseline observation:	cmlg ---_1.3 (B363)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.013 m
Vertical precision:	0.097 m
RMS:	0.029 m
Maximum PDOP:	1.836
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:51:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.3					
Grid		Local		Global	
Easting	682786.486 m	Latitude	S8°02'50.62959"	Latitude	S8°02'50.62959"
Northing	9110091.857 m	Longitude	E112°39'31.17529"	Longitude	E112°39'31.17529"
Elevation	421.342 m	Height	451.295 m	Height	451.295 m

Vector					
ΔEasting	-473.371 m	NS Fwd Azimuth	183°22'54"	ΔX	820.519 m
ΔNorthing	-7495.647 m	Ellipsoid Dist.	7510.470 m	ΔY	-815.213 m
ΔElevation	-23.376 m	ΔHeight	-23.372 m	ΔZ	-7421.464 m

cmlg - _1.2 (Invalid leap seconds-Invalid leap seconds) (S153)

Baseline observation:	cmlg --- _1.2 (B364)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.048 m
Vertical precision:	0.057 m
RMS:	0.035 m
Maximum PDOP:	2.088
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:39:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.2					
Grid		Local		Global	
Easting	682818.159 m	Latitude	S8°02'53.16731"	Latitude	S8°02'53.16731"
Northing	9110013.765 m	Longitude	E112°39'32.22002"	Longitude	E112°39'32.22002"
Elevation	421.078 m	Height	451.033 m	Height	451.033 m

Vector					
ΔEasting	-441.698 m	NS Fwd Azimuth	183°06'21"	ΔX	795.302 m
ΔNorthing	-7573.739 m	Ellipsoid Dist.	7586.497 m	ΔY	-837.850 m
ΔElevation	-23.640 m	ΔHeight	-23.634 m	ΔZ	-7498.626 m

Standard Errors

Vector errors:					
σ ΔEasting	0.020 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.019 m
σ ΔNorthing	0.011 m	σ Ellipsoid Dist.	0.011 m	σ ΔY	0.029 m
σ ΔElevation	0.029 m	σ ΔHeight	0.029 m	σ ΔZ	0.012 m

cmlg - _1.1 (Invalid leap seconds-Invalid leap seconds) (S154)

Baseline observation:	cmlg --- _1.1 (B365)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.039 m
Vertical precision:	0.055 m
RMS:	0.030 m
Maximum PDOP:	2.088
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:44:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.1					
Grid		Local		Global	
Easting	682840.534 m	Latitude	S8°02'52.54480"	Latitude	S8°02'52.54480"
Northing	9110032.799 m	Longitude	E112°39'32.94821"	Longitude	E112°39'32.94821"
Elevation	421.750 m	Height	451.705 m	Height	451.705 m

Vector					
Δ Easting	-419.323 m	NS Fwd Azimuth	182°56'42"	Δ X	773.436 m
Δ Northing	-7554.705 m	Ellipsoid Dist.	7566.222 m	Δ Y	-843.355 m
Δ Elevation	-22.968 m	Δ Height	-22.962 m	Δ Z	-7479.783 m

Standard Errors

Vector errors:					
σ Δ Easting	0.015 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.021 m
σ Δ Northing	0.011 m	σ Ellipsoid Dist.	0.010 m	σ Δ Y	0.023 m
σ Δ Elevation	0.028 m	σ Δ Height	0.028 m	σ Δ Z	0.013 m

cmlg - _bd4 (Invalid leap seconds-Invalid leap seconds) (S139)

Baseline observation:	cmlg --- _bd4 (B366)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.026 m
Vertical precision:	0.036 m
RMS:	0.026 m
Maximum PDOP:	1.902
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:27:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd4					
Grid		Local		Global	
Easting	682819.774 m	Latitude	S8°02'53.21206"	Latitude	S8°02'53.21206"
Northing	9110012.384 m	Longitude	E112°39'32.27294"	Longitude	E112°39'32.27294"
Elevation	421.118 m	Height	451.073 m	Height	451.073 m

Vector					
ΔEasting	-440.083 m	NS Fwd Azimuth	183°05'35"	ΔX	793.865 m
ΔNorthing	-7575.120 m	Ellipsoid Dist.	7587.782 m	ΔY	-838.615 m
ΔElevation	-23.599 m	ΔHeight	-23.594 m	ΔZ	-7499.993 m

Standard Errors

Vector errors:					
σ ΔEasting	0.011 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.010 m
σ ΔNorthing	0.007 m	σ Ellipsoid Dist.	0.007 m	σ ΔY	0.019 m
σ ΔElevation	0.018 m	σ ΔHeight	0.018 m	σ ΔZ	0.007 m

cmlg - _bd3 (Invalid leap seconds-Invalid leap seconds) (S140)

Baseline observation:	cmlg --- _bd3 (B367)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.028 m
Vertical precision:	0.055 m
RMS:	0.029 m
Maximum PDOP:	2.207
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:26:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd3					
Grid		Local		Global	
Easting	682860.453 m	Latitude	S8°02'53.25878"	Latitude	S8°02'53.25878"
Northing	9110010.784 m	Longitude	E112°39'33.60163"	Longitude	E112°39'33.60163"
Elevation	421.976 m	Height	451.932 m	Height	451.932 m

Vector					
Δ Easting	-399.405 m	NS Fwd Azimuth	182°47'08"	Δ X	756.069 m
Δ Northing	-7576.721 m	Ellipsoid Dist.	7587.129 m	Δ Y	-853.690 m
Δ Elevation	-22.742 m	Δ Height	-22.735 m	Δ Z	-7501.535 m

Standard Errors

Vector errors:					
σ Δ Easting	0.011 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.013 m
σ Δ Northing	0.010 m	σ Ellipsoid Dist.	0.010 m	σ Δ Y	0.026 m
σ Δ Elevation	0.028 m	σ Δ Height	0.028 m	σ Δ Z	0.012 m

cmlg - _bd2 (Invalid leap seconds-Invalid leap seconds) (S141)

Baseline observation:	cmlg --- _bd2 (B368)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.016 m
Vertical precision:	0.097 m
RMS:	0.032 m
Maximum PDOP:	2.347
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	01:25:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd2					
Grid		Local		Global	
Easting	682850.886 m	Latitude	S8°02'52.92078"	Latitude	S8°02'52.92078"
Northing	9110021.206 m	Longitude	E112°39'33.28782"	Longitude	E112°39'33.28782"
Elevation	421.952 m	Height	451.908 m	Height	451.908 m

Vector					
ΔEasting	-408.971 m	NS Fwd Azimuth	182°51'43"	ΔX	764.385 m
ΔNorthing	-7566.298 m	Ellipsoid Dist.	7577.231 m	ΔY	-848.669 m
ΔElevation	-22.766 m	ΔHeight	-22.759 m	ΔZ	-7491.249 m

Standard Errors

Vector errors:					
σ ΔEasting	0.006 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.021 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.045 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.008 m

cmlg - _bd1 (Invalid leap seconds-Invalid leap seconds) (S142)

Baseline observation:	cmlg --- _bd1 (B369)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.038 m
Vertical precision:	0.071 m
RMS:	0.037 m
Maximum PDOP:	2.321
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:31:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _bd1					
Grid		Local		Global	
Easting	682841.833 m	Latitude	S8°02'52.58549"	Latitude	S8°02'52.58549"
Northing	9110031.544 m	Longitude	E112°39'32.99078"	Longitude	E112°39'32.99078"
Elevation	422.048 m	Height	452.003 m	Height	452.003 m

Vector					
ΔEasting	-418.025 m	NS Fwd Azimuth	182°56'05"	ΔX	772.187 m
ΔNorthing	-7555.960 m	Ellipsoid Dist.	7567.404 m	ΔY	-843.747 m
ΔElevation	-22.670 m	ΔHeight	-22.664 m	ΔZ	-7481.063 m

Standard Errors

Vector errors:					
σ ΔEasting	0.015 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.020 m
σ ΔNorthing	0.014 m	σ Ellipsoid Dist.	0.014 m	σ ΔY	0.033 m
σ ΔElevation	0.036 m	σ ΔHeight	0.036 m	σ ΔZ	0.016 m

cmlg - _bd5 (Invalid leap seconds-Invalid leap seconds) (S186)

Baseline observation:	 cmlg --- _bd5 (B372)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.065 m
Vertical precision:	0.076 m
RMS:	0.030 m
Maximum PDOP:	1.972
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:26:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd5					
Grid		Local		Global	
Easting	682827.701 m	Latitude	S8°02'53.87726"	Latitude	S8°02'53.87726"
Northing	9109991.916 m	Longitude	E112°39'32.53451"	Longitude	E112°39'32.53451"
Elevation	420.805 m	Height	450.760 m	Height	450.760 m

Vector					
ΔEasting	-432.156 m	NS Fwd Azimuth	183°01'28"	ΔX	787.695 m
ΔNorthing	-7595.589 m	Ellipsoid Dist.	7607.761 m	ΔY	-844.628 m
ΔElevation	-23.913 m	ΔHeight	-23.907 m	ΔZ	-7520.185 m

Standard Errors

Vector errors:					
σ ΔEasting	0.027 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.022 m
σ ΔNorthing	0.017 m	σ Ellipsoid Dist.	0.017 m	σ ΔY	0.042 m
σ ΔElevation	0.039 m	σ ΔHeight	0.039 m	σ ΔZ	0.017 m

cmlg - _bd6 (Invalid leap seconds-Invalid leap seconds) (S187)

Baseline observation:	cmlg --- _bd6 (B373)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.056 m
Vertical precision:	0.079 m
RMS:	0.038 m
Maximum PDOP:	2.470
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:31:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd6					
Grid		Local		Global	
Easting	682832.021 m	Latitude	S8°02'54.23368"	Latitude	S8°02'54.23368"
Northing	9109980.948 m	Longitude	E112°39'32.67705"	Longitude	E112°39'32.67705"
Elevation	420.857 m	Height	450.812 m	Height	450.812 m

Vector					
ΔEasting	-427.836 m	NS Fwd Azimuth	182°59'15"	ΔX	784.238 m
ΔNorthing	-7606.556 m	Ellipsoid Dist.	7618.467 m	ΔY	-847.677 m
ΔElevation	-23.861 m	ΔHeight	-23.855 m	ΔZ	-7531.035 m

Standard Errors

Vector errors:					
σ ΔEasting	0.018 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.021 m
σ ΔNorthing	0.021 m	σ Ellipsoid Dist.	0.021 m	σ ΔY	0.038 m
σ ΔElevation	0.040 m	σ ΔHeight	0.040 m	σ ΔZ	0.021 m

LAMPIRA N D MEKANIS ME PENGOLA HAN IV

Project file data

Name: F:\SKRIPSI HARUS LULUS\SKRIPSI
2022\skripsi.vce

Size: 347 KB

Modified: 2/5/2023 1:58:15 AM (UTC:7)

Time zone: SE Asia Standard Time

Reference number:

Description:

Comment 1:

Comment 2:

Coordinate System

Name: World wide/UTM
 Datum: WGS 1984
 Zone: 49 South

Geoid: EGM96 (Global)

Vertical datum:

Calibrated site:


Baseline Processing Report

Processing Summary


Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
cmlg --- 14.2 (B325)	cmlg	14.2	Fixed	0.062	0.082	182°50'27"	7695.437	-24.961
cmlg --- 13.2 (B326)	cmlg	13.2	Fixed	0.029	0.095	182°49'04"	7692.256	-24.839
cmlg --- 12.2 (B327)	cmlg	12.2	Fixed	0.025	0.095	182°47'41"	7688.999	-24.243
cmlg --- 11.4 (B328)	cmlg	11.4	Fixed	0.032	0.094	182°46'29"	7685.918	-24.737
cmlg --- 11.1 (B329)	cmlg	11.1	Fixed	0.021	0.096	182°40'48"	7692.217	-24.435
cmlg --- 13.1 (B330)	cmlg	13.1	Fixed	0.058	0.083	182°44'53"	7701.827	-24.805
cmlg --- 12.1 (B331)	cmlg	12.1	Fixed	0.022	0.096	182°44'09"	7698.441	-23.777
cmlg --- 11.3 (B332)	cmlg	11.3	Fixed	0.021	0.096	182°45'08"	7682.836	-24.323
cmlg --- 11.2 (B333)	cmlg	11.2	Fixed	0.020	0.097	182°42'17"	7695.461	-24.916
cmlg --- 10.3 (B334)	cmlg	10.3	Fixed	0.054	0.073	182°19'45"	7672.406	-23.291
cmlg --- 10.2 (B335)	cmlg	10.2	Fixed	0.031	0.055	182°19'37"	7672.169	-23.292
cmlg --- 14 (B336)	cmlg	14	Fixed	0.059	0.084	182°46'12"	7704.720	-25.314
cmlg --- 9.1 (B337)	cmlg	9.1	Float	0.645	0.515	182°34'48"	7699.215	-24.083
cmlg --- _8.2 (B338)	cmlg	_8.2	Fixed	0.044	0.084	182°30'48"	7709.854	-24.316
cmlg --- _7.6 (B339)	cmlg	_7.6	Fixed	0.016	0.097	182°11'30"	7695.902	-23.187
cmlg --- _7.4 (B340)	cmlg	_7.4	Fixed	0.032	0.055	182°15'26"	7704.841	-23.396
cmlg --- _7.2 (B341)	cmlg	_7.2	Fixed	0.060	0.082	182°27'32"	7718.348	-24.038
cmlg --- _9.2 (B342)	cmlg	_9.2	Fixed	0.027	0.051	182°21'08"	7667.577	-23.454
cmlg --- _8.1 (B343)	cmlg	_8.1	Fixed	0.013	0.098	182°18'13"	7677.013	-23.248
cmlg --- _7.5 (B344)	cmlg	_7.5	Fixed	0.015	0.097	182°14'19"	7687.933	-23.093
cmlg --- _7.1 (B345)	cmlg	_7.1	Fixed	0.064	0.082	182°24'45"	7724.933	-23.960
cmlg --- _6.3 (B346)	cmlg	_6.3	Fixed	0.019	0.096	182°24'14"	7726.102	-23.880
cmlg --- _6.1 (B347)	cmlg	_6.1	Fixed	0.023	0.032	182°21'11"	7719.251	-23.692

cmlg --- _5.4 (B348)	cmlg	<u>_5.4</u>	Fixed	0.101	0.052	182°19'21"	7723.727	-23.574
cmlg --- _6.4 (B349)	cmlg	<u>_6.4</u>	Float	1.098	0.701	182°21'45"	7732.436	-23.843
cmlg --- _5.3 (B350)	cmlg	<u>_5.3</u>	Fixed	0.067	0.062	182°18'26"	7726.172	-24.048
cmlg --- _5.3 (B351)	cmlg	<u>_5.3</u>	Fixed	0.041	0.054	182°20'46"	7719.842	-23.711
cmlg --- _5.1 (B352)	cmlg	<u>_5.1</u>	Fixed	0.013	0.097	182°09'39"	7701.847	-23.298
cmlg --- _4.2 (B353)	cmlg	<u>_4.2</u>	Fixed	0.010	0.073	182°11'19"	7696.533	-23.130
cmlg --- _4.2 (B354)	cmlg	<u>_4.2</u>	Fixed	0.019	0.097	182°17'56"	7741.388	-23.938
cmlg --- 4.1 (B355)	cmlg	<u>4.1</u>	Fixed	0.034	0.059	182°05'07"	7714.401	-23.133
cmlg --- _3.2 (B356)	cmlg	<u>_3.2</u>	Fixed	0.047	0.081	182°07'08"	7708.551	-23.095
cmlg --- _3.1 (B357)	cmlg	<u>_3.1</u>	Fixed	0.054	0.064	182°19'33"	7737.035	-24.242
cmlg --- _2.4 (B358)	cmlg	<u>_2.4</u>	Fixed	0.009	0.098	182°13'12"	7752.636	-24.749
cmlg --- _2.3 (B359)	cmlg	<u>_2.3</u>	Fixed	0.017	0.097	182°15'16"	7746.503	-23.552
cmlg --- _2.2 (B360)	cmlg	<u>_2.2</u>	Fixed	0.016	0.097	182°02'11"	7721.170	-23.192
cmlg --- _2.1 (B361)	cmlg	<u>_2.1</u>	Fixed	0.018	0.097	182°00'12"	7728.259	-22.850
cmlg --- _1.4 (B362)	cmlg	<u>_1.4</u>	Fixed	0.041	0.075	183°19'24"	7511.941	-22.804
cmlg --- _1.3 (B363)	cmlg	<u>_1.3</u>	Fixed	0.013	0.097	183°22'54"	7510.463	-23.489
cmlg --- _1.2 (B364)	cmlg	<u>_1.2</u>	Fixed	0.054	0.065	183°06'21"	7586.491	-23.758
cmlg --- _1.1 (B365)	cmlg	<u>_1.1</u>	Fixed	0.034	0.046	182°56'43"	7566.213	-23.020
cmlg --- _bd4 (B366)	cmlg	<u>_bd4</u>	Fixed	0.024	0.034	183°05'35"	7587.780	-23.634
cmlg --- _bd3 (B367)	cmlg	<u>_bd3</u>	Fixed	0.036	0.070	182°47'08"	7587.132	-22.772
cmlg --- _bd2 (B368)	cmlg	<u>_bd2</u>	Fixed	0.016	0.097	182°51'43"	7577.228	-22.806
cmlg --- _bd1 (B369)	cmlg	<u>_bd1</u>	Fixed	0.036	0.065	182°56'04"	7567.339	-22.911
cmlg --- _bd5 (B372)	cmlg	<u>_bd5</u>	Fixed	0.065	0.076	183°01'28"	7607.716	-24.082
cmlg --- _bd6 (B373)	cmlg	<u>_bd6</u>	Fixed	0.056	0.084	182°59'14"	7618.433	-24.048

Acceptance Summary

Processed	Passed	Flag		Fail	
47	37	8		2	

cmlg - 14.2 (Invalid leap seconds-Invalid leap seconds) (S172)

Baseline observation:	 cmlg --- 14.2 (B325)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.062 m
Vertical precision:	0.082 m
RMS:	0.035 m
Maximum PDOP:	3.936
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:35:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 14.2					
Grid		Local		Global	
Easting	682847.367 m	Latitude	S8°02'56.76833"	Latitude	S8°02'56.76833"
Northing	9109903.017 m	Longitude	E112°39'33.18855"	Longitude	E112°39'33.18855"
Elevation	419.751 m	Height	449.706 m	Height	449.706 m

Vector					
ΔEasting	-412.490 m	NS Fwd Azimuth	182°50'27"	ΔX	774.406 m
ΔNorthing	-7684.487 m	Ellipsoid Dist.	7695.437 m	ΔY	-864.783 m
ΔElevation	-24.967 m	ΔHeight	-24.961 m	ΔZ	-7607.986 m

Standard Errors

Vector errors:					
σ ΔEasting	0.020 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.016 m
σ ΔNorthing	0.018 m	σ Ellipsoid Dist.	0.018 m	σ ΔY	0.044 m
σ ΔElevation	0.042 m	σ ΔHeight	0.042 m	σ ΔZ	0.017 m

cmlg - 13.2 (Invalid leap seconds-Invalid leap seconds) (S173)

Baseline observation:	cmlg --- 13.2 (B326)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.029 m
Vertical precision:	0.095 m
RMS:	0.035 m
Maximum PDOP:	3.755
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg					
		Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"		
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"		
Elevation	444.718 m	Height	474.667 m	Height	474.667 m		

To:		13.2					
		Grid		Local		Global	
Easting	682850.609 m	Latitude	S8°02'56.66985"	Latitude	S8°02'56.66985"		
Northing	9109906.029 m	Longitude	E112°39'33.29403"	Longitude	E112°39'33.29403"		
Elevation	419.872 m	Height	449.828 m	Height	449.828 m		

Vector					
Δ Easting	-409.248 m	NS Fwd Azimuth	182°49'04"	Δ X	771.216 m
Δ Northing	-7681.475 m	Ellipsoid Dist.	7692.256 m	Δ Y	-865.525 m
Δ Elevation	-24.846 m	Δ Height	-24.839 m	Δ Z	-7605.007 m

Standard Errors

Vector errors:					
σ Δ Easting	0.009 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.015 m
σ Δ Northing	0.008 m	σ Ellipsoid Dist.	0.008 m	σ Δ Y	0.047 m
σ Δ Elevation	0.049 m	σ Δ Height	0.049 m	σ Δ Z	0.007 m

cmlg - 12.2 (Invalid leap seconds-Invalid leap seconds) (S174)

Baseline observation:	cmlg --- 12.2 (B327)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.025 m
Vertical precision:	0.095 m
RMS:	0.022 m
Maximum PDOP:	3.623
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:51:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg					
		Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"		
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"		
Elevation	444.718 m	Height	474.667 m	Height	474.667 m		

To:		12.2					
		Grid		Local		Global	
Easting	682853.872 m	Latitude	S8°02'56.56889"	Latitude	S8°02'56.56889"		
Northing	9109909.118 m	Longitude	E112°39'33.40018"	Longitude	E112°39'33.40018"		
Elevation	420.468 m	Height	450.424 m	Height	450.424 m		

Vector					
ΔEasting	-405.985 m	NS Fwd Azimuth	182°47'41"	ΔX	767.822 m
ΔNorthing	-7678.386 m	Ellipsoid Dist.	7688.999 m	ΔY	-865.832 m
ΔElevation	-24.250 m	ΔHeight	-24.243 m	ΔZ	-7602.019 m

Standard Errors

Vector errors:					
σ ΔEasting	0.009 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.018 m
σ ΔNorthing	0.008 m	σ Ellipsoid Dist.	0.008 m	σ ΔY	0.046 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.007 m

cmlg - 11.4 (Invalid leap seconds-Invalid leap seconds) (S175)

Baseline observation:	cmlg --- 11.4 (B328)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.032 m
Vertical precision:	0.094 m
RMS:	0.026 m
Maximum PDOP:	3.580
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:49:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		11.4			
Grid		Local		Global	
Easting	682856.710 m	Latitude	S8°02'56.47298"	Latitude	S8°02'56.47298"
Northing	9109912.053 m	Longitude	E112°39'33.49248"	Longitude	E112°39'33.49248"
Elevation	419.975 m	Height	449.930 m	Height	449.930 m

Vector					
Δ Easting	-403.147 m	NS Fwd Azimuth	182°46'29"	Δ X	765.243 m
Δ Northing	-7675.451 m	Ellipsoid Dist.	7685.918 m	Δ Y	-866.991 m
Δ Elevation	-24.743 m	Δ Height	-24.737 m	Δ Z	-7599.033 m

Standard Errors

Vector errors:					
σ Δ Easting	0.010 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.021 m
σ Δ Northing	0.010 m	σ Ellipsoid Dist.	0.010 m	σ Δ Y	0.044 m
σ Δ Elevation	0.048 m	σ Δ Height	0.048 m	σ Δ Z	0.012 m

cmlg - 11.1 (Invalid leap seconds-Invalid leap seconds) (S176)

Baseline observation:	cmlg --- 11.1 (B329)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.021 m
Vertical precision:	0.096 m
RMS:	0.033 m
Maximum PDOP:	3.180
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:58:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg					
		Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"		
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"		
Elevation	444.718 m	Height	474.667 m	Height	474.667 m		


To:		11.1					
		Grid		Local		Global	
Easting	682869.079 m	Latitude	S8°02'56.69746"	Latitude	S8°02'56.69746"		
Northing	9109905.106 m	Longitude	E112°39'33.89735"	Longitude	E112°39'33.89735"		
Elevation	420.276 m	Height	450.232 m	Height	450.232 m		

Vector					
ΔEasting	-390.778 m	NS Fwd Azimuth	182°40'48"	ΔX	754.059 m
ΔNorthing	-7682.398 m	Ellipsoid Dist.	7692.217 m	ΔY	-872.383 m
ΔElevation	-24.442 m	ΔHeight	-24.435 m	ΔZ	-7605.904 m

Standard Errors

Vector errors:					
σ ΔEasting	0.009 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.023 m
σ ΔNorthing	0.004 m	σ Ellipsoid Dist.	0.004 m	σ ΔY	0.044 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.009 m

cmlg - 13.1 (Invalid leap seconds-Invalid leap seconds) (S177)

Baseline observation:	 cmlg --- 13.1 (B330)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.058 m
Vertical precision:	0.083 m
RMS:	0.027 m
Maximum PDOP:	3.530
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 13.1					
Grid		Local		Global	
Easting	682859.451 m	Latitude	S8°02'56.99581"	Latitude	S8°02'56.99581"
Northing	9109895.979 m	Longitude	E112°39'33.58412"	Longitude	E112°39'33.58412"
Elevation	419.906 m	Height	449.862 m	Height	449.862 m

Vector					
ΔEasting	-400.406 m	NS Fwd Azimuth	182°44'53"	ΔX	763.546 m
ΔNorthing	-7691.525 m	Ellipsoid Dist.	7701.827 m	ΔY	-870.210 m
ΔElevation	-24.811 m	ΔHeight	-24.805 m	ΔZ	-7614.928 m

Standard Errors

Vector errors:					
σ ΔEasting	0.022 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.019 m
σ ΔNorthing	0.015 m	σ Ellipsoid Dist.	0.015 m	σ ΔY	0.044 m
σ ΔElevation	0.043 m	σ ΔHeight	0.043 m	σ ΔZ	0.014 m

cmlg - 12.1 (Invalid leap seconds-Invalid leap seconds) (S178)

Baseline observation:	cmlg --- 12.1 (B331)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.022 m
Vertical precision:	0.096 m
RMS:	0.027 m
Maximum PDOP:	8.439
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: 12.1					
Grid		Local		Global	
Easting	682861.288 m	Latitude	S8°02'56.88834"	Latitude	S8°02'56.88834"
Northing	9109899.274 m	Longitude	E112°39'33.64369"	Longitude	E112°39'33.64369"
Elevation	420.934 m	Height	450.890 m	Height	450.890 m

Vector					
ΔEasting	-398.569 m	NS Fwd Azimuth	182°44'09"	ΔX	761.293 m
ΔNorthing	-7688.231 m	Ellipsoid Dist.	7698.441 m	ΔY	-869.547 m
ΔElevation	-23.784 m	ΔHeight	-23.777 m	ΔZ	-7611.802 m

Standard Errors

Vector errors:					
σ ΔEasting	0.008 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.014 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.006 m	σ ΔY	0.047 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.011 m

cmlg - 11.2 (Invalid leap seconds-Invalid leap seconds) (S180)

Baseline observation:	cmlg --- 11.2 (B333)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.020 m
Vertical precision:	0.097 m
RMS:	0.038 m
Maximum PDOP:	2.957
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:54:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		11.2			
Grid		Local		Global	
Easting	682865.619 m	Latitude	S8°02'56.79790"	Latitude	S8°02'56.79790"
Northing	9109902.034 m	Longitude	E112°39'33.78477"	Longitude	E112°39'33.78477"
Elevation	419.795 m	Height	449.751 m	Height	449.751 m

Vector					
ΔEasting	-394.238 m	NS Fwd Azimuth	182°42'17"	ΔX	757.590 m
ΔNorthing	-7685.470 m	Ellipsoid Dist.	7695.461 m	ΔY	-871.893 m
ΔElevation	-24.923 m	ΔHeight	-24.916 m	ΔZ	-7608.892 m

Standard Errors

Vector errors:					
σ ΔEasting	0.007 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.020 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.044 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.011 m

cmlg - 10.3 (Invalid leap seconds-Invalid leap seconds) (S181)

Baseline observation:	cmlg --- 10.3 (B334)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.054 m
Vertical precision:	0.073 m
RMS:	0.037 m
Maximum PDOP:	2.089
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:36:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		10.3			
Grid		Local		Global	
Easting	682917.005 m	Latitude	S8°02'56.12014"	Latitude	S8°02'56.12014"
Northing	9109922.648 m	Longitude	E112°39'35.46020"	Longitude	E112°39'35.46020"
Elevation	421.418 m	Height	451.376 m	Height	451.376 m

Vector					
Δ Easting	-342.852 m	NS Fwd Azimuth	182°19'45"	Δ X	708.503 m
Δ Northing	-7664.856 m	Ellipsoid Dist.	7672.406 m	Δ Y	-887.483 m
Δ Elevation	-23.300 m	Δ Height	-23.291 m	Δ Z	-7588.501 m

Standard Errors

Vector errors:					
σ Δ Easting	0.021 m	σ NS fwd Azimuth	0°00'01"	σ Δ X	0.023 m
σ Δ Northing	0.016 m	σ Ellipsoid Dist.	0.016 m	σ Δ Y	0.036 m
σ Δ Elevation	0.037 m	σ Δ Height	0.037 m	σ Δ Z	0.016 m

cmlg - 10.2 (Invalid leap seconds-Invalid leap seconds) (S182)

Baseline observation:	cmlg --- 10.2 (B335)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.031 m
Vertical precision:	0.055 m
RMS:	0.035 m
Maximum PDOP:	2.518
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:35:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To:		10.2			
Grid		Local		Global	
Easting	682917.342 m	Latitude	S8°02'56.11285"	Latitude	S8°02'56.11285"
Northing	9109922.870 m	Longitude	E112°39'35.47118"	Longitude	E112°39'35.47118"
Elevation	421.417 m	Height	451.375 m	Height	451.375 m

Vector					
ΔEasting	-342.515 m	NS Fwd Azimuth	182°19'37"	ΔX	708.181 m
ΔNorthing	-7664.634 m	Ellipsoid Dist.	7672.169 m	ΔY	-887.585 m
ΔElevation	-23.301 m	ΔHeight	-23.292 m	ΔZ	-7588.279 m

Standard Errors

Vector errors:					
σ ΔEasting	0.012 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.015 m
σ ΔNorthing	0.009 m	σ Ellipsoid Dist.	0.010 m	σ ΔY	0.027 m
σ ΔElevation	0.028 m	σ ΔHeight	0.028 m	σ ΔZ	0.009 m

cmlg - 14 (Invalid leap seconds-Invalid leap seconds) (S183)

Baseline observation:	 cmlg --- 14 (B336)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.059 m
Vertical precision:	0.084 m
RMS:	0.038 m
Maximum PDOP:	5.054
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:36:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		14			
Grid		Local		Global	
Easting	682856.347 m	Latitude	S8°02'57.08527"	Latitude	S8°02'57.08527"
Northing	9109893.244 m	Longitude	E112°39'33.48312"	Longitude	E112°39'33.48312"
Elevation	419.398 m	Height	449.353 m	Height	449.353 m

Vector					
ΔEasting	-403.510 m	NS Fwd Azimuth	182°46'12"	ΔX	766.742 m
ΔNorthing	-7694.261 m	Ellipsoid Dist.	7704.720 m	ΔY	-869.838 m
ΔElevation	-25.320 m	ΔHeight	-25.314 m	ΔZ	-7617.578 m

Standard Errors

Vector errors:					
σ ΔEasting	0.023 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.031 m
σ ΔNorthing	0.014 m	σ Ellipsoid Dist.	0.013 m	σ ΔY	0.035 m
σ ΔElevation	0.043 m	σ ΔHeight	0.043 m	σ ΔZ	0.018 m

cmlg - _8.2 (Invalid leap seconds-Invalid leap seconds) (S156)

Baseline observation:	cmlg --- _8.2 (B338)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.044 m
Vertical precision:	0.084 m
RMS:	0.046 m
Maximum PDOP:	2.218
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:40:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _8.2					
Grid		Local		Global	
Easting	682890.585 m	Latitude	S8°02'57.30401"	Latitude	S8°02'57.30401"
Northing	9109886.385 m	Longitude	E112°39'34.60218"	Longitude	E112°39'34.60218"
Elevation	420.395 m	Height	450.351 m	Height	450.351 m

Vector					
Δ Easting	-369.272 m	NS Fwd Azimuth	182°30'48"	Δ X	735.102 m
Δ Northing	-7701.120 m	Ellipsoid Dist.	7709.854 m	Δ Y	-882.997 m
Δ Elevation	-24.323 m	Δ Height	-24.316 m	Δ Z	-7624.372 m

Standard Errors

Vector errors:					
σ Δ Easting	0.018 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.024 m
σ Δ Northing	0.015 m	σ Ellipsoid Dist.	0.014 m	σ Δ Y	0.038 m
σ Δ Elevation	0.043 m	σ Δ Height	0.043 m	σ Δ Z	0.017 m

cmlg - _7.6 (Invalid leap seconds-Invalid leap seconds) (S157)

Baseline observation: [cmlg --- _7.6 \(B339\)](#)
 Processed: Invalid leap seconds
 Solution type: Fixed
 Frequency used: Dual Frequency (L1, L2)
 Horizontal precision: 0.016 m
 Vertical precision: 0.097 m
 RMS: 0.031 m
 Maximum PDOP: 1.931
 Ephemeris used: Broadcast
 Antenna model: NGS Absolute
 Processing start time: Invalid leap seconds (Local: UTC+7hr)
 Processing stop time: Invalid leap seconds (Local: UTC+7hr)
 Processing duration: 00:55:00
 Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _7.6					
Grid		Local		Global	
Easting	682934.407 m	Latitude	S8°02'56.90803"	Latitude	S8°02'56.90803"
Northing	9109898.372 m	Longitude	E112°39'36.03173"	Longitude	E112°39'36.03173"
Elevation	421.522 m	Height	451.480 m	Height	451.480 m

Vector					
Δ Easting	-325.450 m	NS Fwd Azimuth	182°11'30"	Δ X	693.619 m
Δ Northing	-7689.132 m	Ellipsoid Dist.	7695.902 m	Δ Y	-897.258 m
Δ Elevation	-23.196 m	Δ Height	-23.187 m	Δ Z	-7612.484 m

Standard Errors

Vector errors:					
σ Δ Easting	0.007 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.019 m
σ Δ Northing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ Δ Y	0.045 m
σ Δ Elevation	0.049 m	σ Δ Height	0.049 m	σ Δ Z	0.009 m

cmlg - _7.4 (Invalid leap seconds-Invalid leap seconds) (S158)

Baseline observation:	cmlg --- _7.4 (B340)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.032 m
Vertical precision:	0.055 m
RMS:	0.025 m
Maximum PDOP:	3.271
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:37:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _7.4					
Grid		Local		Global	
Easting	682925.224 m	Latitude	S8°02'57.18765"	Latitude	S8°02'57.18765"
Northing	9109889.819 m	Longitude	E112°39'35.73296"	Longitude	E112°39'35.73296"
Elevation	421.313 m	Height	451.271 m	Height	451.271 m

Vector					
ΔEasting	-334.633 m	NS Fwd Azimuth	182°15'26"	ΔX	702.605 m
ΔNorthing	-7697.685 m	Ellipsoid Dist.	7704.841 m	ΔY	-895.034 m
ΔElevation	-23.405 m	ΔHeight	-23.396 m	ΔZ	-7620.961 m

Standard Errors

Vector errors:					
σ ΔEasting	0.012 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.010 m
σ ΔNorthing	0.010 m	σ Ellipsoid Dist.	0.010 m	σ ΔY	0.029 m
σ ΔElevation	0.028 m	σ ΔHeight	0.028 m	σ ΔZ	0.009 m

cmlg - _7.2 (Invalid leap seconds-Invalid leap seconds) (S159)

Baseline observation:	 cmlg ---_7.2 (B341)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.060 m
Vertical precision:	0.082 m
RMS:	0.017 m
Maximum PDOP:	2.830
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:38:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _7.2					
Grid		Local		Global	
Easting	682897.515 m	Latitude	S8°02'57.59061"	Latitude	S8°02'57.59061"
Northing	9109877.552 m	Longitude	E112°39'34.82968"	Longitude	E112°39'34.82968"
Elevation	420.672 m	Height	450.629 m	Height	450.629 m

Vector					
ΔEasting	-362.342 m	NS Fwd Azimuth	182°27'32"	ΔX	729.042 m
ΔNorthing	-7709.953 m	Ellipsoid Dist.	7718.348 m	ΔY	-886.565 m
ΔElevation	-24.046 m	ΔHeight	-24.038 m	ΔZ	-7633.129 m

Standard Errors

Vector errors:					
σ ΔEasting	0.024 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.022 m
σ ΔNorthing	0.013 m	σ Ellipsoid Dist.	0.014 m	σ ΔY	0.042 m
σ ΔElevation	0.042 m	σ ΔHeight	0.042 m	σ ΔZ	0.016 m

cmlg - _9.2 (Invalid leap seconds-Invalid leap seconds) (S160)

Baseline observation: [cmlg --- _9.2 \(B342\)](#)
Processed: Invalid leap seconds
Solution type: Fixed
Frequency used: Dual Frequency (L1, L2)
Horizontal precision: 0.027 m
Vertical precision: 0.051 m
RMS: 0.032 m
Maximum PDOP: 1.688
Ephemeris used: Broadcast
Antenna model: NGS Absolute
Processing start time: Invalid leap seconds (Local: UTC+7hr)
Processing stop time: Invalid leap seconds (Local: UTC+7hr)
Processing duration: 00:41:00
Processing interval: 30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _9.2					
Grid		Local		Global	
Easting	682914.165 m	Latitude	S8°02'55.95901"	Latitude	S8°02'55.95901"
Northing	9109927.610 m	Longitude	E112°39'35.36678"	Longitude	E112°39'35.36678"
Elevation	421.255 m	Height	451.213 m	Height	451.213 m

Vector					
ΔEasting	-345.693 m	NS Fwd Azimuth	182°21'08"	ΔX	710.938 m
ΔNorthing	-7659.894 m	Ellipsoid Dist.	7667.577 m	ΔY	-885.890 m
ΔElevation	-23.463 m	ΔHeight	-23.454 m	ΔZ	-7583.577 m

Standard Errors

Vector errors:					
σ ΔEasting	0.010 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.014 m
σ ΔNorthing	0.011 m	σ Ellipsoid Dist.	0.011 m	σ ΔY	0.024 m
σ ΔElevation	0.026 m	σ ΔHeight	0.026 m	σ ΔZ	0.011 m

cmlg - _8.1 (Invalid leap seconds-Invalid leap seconds) (S161)

Baseline observation:	cmlg --- _8.1 (B343)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.013 m
Vertical precision:	0.098 m
RMS:	0.032 m
Maximum PDOP:	2.183
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:51:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _8.1					
Grid		Local		Global	
Easting	682920.247 m	Latitude	S8°02'56.27452"	Latitude	S8°02'56.27452"
Northing	9109917.892 m	Longitude	E112°39'35.56671"	Longitude	E112°39'35.56671"
Elevation	421.461 m	Height	451.419 m	Height	451.419 m

Vector					
Δ Easting	-339.610 m	NS Fwd Azimuth	182°18'13"	Δ X	705.733 m
Δ Northing	-7669.612 m	Ellipsoid Dist.	7677.013 m	Δ Y	-889.313 m
Δ Elevation	-23.257 m	Δ Height	-23.248 m	Δ Z	-7593.204 m

Standard Errors

Vector errors:					
σ Δ Easting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.021 m
σ Δ Northing	0.003 m	σ Ellipsoid Dist.	0.004 m	σ Δ Y	0.045 m
σ Δ Elevation	0.050 m	σ Δ Height	0.050 m	σ Δ Z	0.008 m

cmlg - _7.5 (Invalid leap seconds-Invalid leap seconds) (S162)

Baseline observation:	cmlg ---_7.5 (B344)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.015 m
Vertical precision:	0.097 m
RMS:	0.028 m
Maximum PDOP:	1.864
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:58:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To:		_7.5			
Grid		Local		Global	
Easting	682928.472 m	Latitude	S8°02'56.64092"	Latitude	S8°02'56.64092"
Northing	9109906.602 m	Longitude	E112°39'35.83682"	Longitude	E112°39'35.83682"
Elevation	421.616 m	Height	451.574 m	Height	451.574 m

Vector					
ΔEasting	-331.385 m	NS Fwd Azimuth	182°14'19"	ΔX	698.648 m
ΔNorthing	-7680.902 m	Ellipsoid Dist.	7687.933 m	ΔY	-893.812 m
ΔElevation	-23.101 m	ΔHeight	-23.093 m	ΔZ	-7604.372 m

Standard Errors

Vector errors:					
σ ΔEasting	0.006 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.019 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.045 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.009 m

cmlg - _7.1 (Invalid leap seconds-Invalid leap seconds) (S163)

Baseline observation:	 cmlg --- _7.1 (B345)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.064 m
Vertical precision:	0.082 m
RMS:	0.023 m
Maximum PDOP:	9.151
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:39:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _7.1					
Grid		Local		Global	
Easting	682903.464 m	Latitude	S8°02'57.81344"	Latitude	S8°02'57.81344"
Northing	9109870.682 m	Longitude	E112°39'35.02485"	Longitude	E112°39'35.02485"
Elevation	420.750 m	Height	450.707 m	Height	450.707 m

Vector					
ΔEasting	-356.394 m	NS Fwd Azimuth	182°24'45"	ΔX	723.867 m
ΔNorthing	-7716.823 m	Ellipsoid Dist.	7724.933 m	ΔY	-889.681 m
ΔElevation	-23.968 m	ΔHeight	-23.960 m	ΔZ	-7639.919 m

Standard Errors

Vector errors:					
σ ΔEasting	0.022 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.012 m
σ ΔNorthing	0.017 m	σ Ellipsoid Dist.	0.018 m	σ ΔY	0.044 m
σ ΔElevation	0.042 m	σ ΔHeight	0.042 m	σ ΔZ	0.022 m

cmlg - _6.3 (Invalid leap seconds-Invalid leap seconds) (S164)

Baseline observation:	cmlg --- _6.3 (B346)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.019 m
Vertical precision:	0.096 m
RMS:	0.042 m
Maximum PDOP:	77.372
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:48:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _6.3					
Grid		Local		Global	
Easting	682904.539 m	Latitude	S8°02'57.85298"	Latitude	S8°02'57.85298"
Northing	9109869.462 m	Longitude	E112°39'35.06012"	Longitude	E112°39'35.06012"
Elevation	420.830 m	Height	450.787 m	Height	450.787 m

Vector					
Δ Easting	-355.318 m	NS Fwd Azimuth	182°24'14"	Δ X	722.905 m
Δ Northing	-7718.042 m	Ellipsoid Dist.	7726.102 m	Δ Y	-890.180 m
Δ Elevation	-23.888 m	Δ Height	-23.880 m	Δ Z	-7641.133 m

Standard Errors

Vector errors:					
σ Δ Easting	0.008 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.020 m
σ Δ Northing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ Δ Y	0.045 m
σ Δ Elevation	0.049 m	σ Δ Height	0.049 m	σ Δ Z	0.009 m

cmlg - _6.1 (Invalid leap seconds-Invalid leap seconds) (S165)

Baseline observation:	cmlg --- _6.1 (B347)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.023 m
Vertical precision:	0.032 m
RMS:	0.030 m
Maximum PDOP:	2.950
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:40:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _6.1					
Grid		Local		Global	
Easting	682911.724 m	Latitude	S8°02'57.63948"	Latitude	S8°02'57.63948"
Northing	9109875.992 m	Longitude	E112°39'35.29392"	Longitude	E112°39'35.29392"
Elevation	421.017 m	Height	450.975 m	Height	450.975 m

Vector					
ΔEasting	-348.133 m	NS Fwd Azimuth	182°21'11"	ΔX	715.873 m
ΔNorthing	-7711.512 m	Ellipsoid Dist.	7719.251 m	ΔY	-891.919 m
ΔElevation	-23.701 m	ΔHeight	-23.692 m	ΔZ	-7634.665 m

Standard Errors

Vector errors:					
σ ΔEasting	0.009 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.012 m
σ ΔNorthing	0.008 m	σ Ellipsoid Dist.	0.008 m	σ ΔY	0.015 m
σ ΔElevation	0.017 m	σ ΔHeight	0.017 m	σ ΔZ	0.007 m

cmlg - _5.4 (Invalid leap seconds-Invalid leap seconds) (S166)

Baseline observation:	 cmlg --- _5.4 (B348)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.101 m
Vertical precision:	0.052 m
RMS:	0.030 m
Maximum PDOP:	7.323
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _5.4					
Grid		Local		Global	
Easting	682915.625 m	Latitude	S8°02'57.79049"	Latitude	S8°02'57.79049"
Northing	9109871.337 m	Longitude	E112°39'35.42193"	Longitude	E112°39'35.42193"
Elevation	421.135 m	Height	451.093 m	Height	451.093 m

Vector					
ΔEasting	-344.232 m	NS Fwd Azimuth	182°19'21"	ΔX	712.461 m
ΔNorthing	-7716.167 m	Ellipsoid Dist.	7723.727 m	ΔY	-893.921 m
ΔElevation	-23.583 m	ΔHeight	-23.574 m	ΔZ	-7639.275 m

Standard Errors

Vector errors:					
σ ΔEasting	0.019 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.026 m
σ ΔNorthing	0.038 m	σ Ellipsoid Dist.	0.039 m	σ ΔY	0.024 m
σ ΔElevation	0.027 m	σ ΔHeight	0.027 m	σ ΔZ	0.035 m

cmlg - _6.4 (Invalid leap seconds-Invalid leap seconds) (S167)

Baseline observation:	 cmlg --- _6.4 (B349)
Processed:	Invalid leap seconds
Solution type:	Float
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	1.098 m
Vertical precision:	0.701 m
RMS:	0.018 m
Maximum PDOP:	5.374
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _6.4					
Grid		Local		Global	
Easting	682909.857 m	Latitude	S8°02'58.06660"	Latitude	S8°02'58.06660"
Northing	9109862.878 m	Longitude	E112°39'35.23470"	Longitude	E112°39'35.23470"
Elevation	420.866 m	Height	450.824 m	Height	450.824 m

Vector					
ΔEasting	-350.000 m	NS Fwd Azimuth	182°21'45"	ΔX	718.312 m
ΔNorthing	-7724.626 m	Ellipsoid Dist.	7732.436 m	ΔY	-893.054 m
ΔElevation	-23.852 m	ΔHeight	-23.843 m	ΔZ	-7647.636 m

Standard Errors

Vector errors:					
σ ΔEasting	0.448 m	σ NS fwd Azimuth	0°00'12"	σ ΔX	0.343 m
σ ΔNorthing	0.070 m	σ Ellipsoid Dist.	0.078 m	σ ΔY	0.453 m
σ ΔElevation	0.358 m	σ ΔHeight	0.358 m	σ ΔZ	0.104 m

cmlg - _5.3 (Invalid leap seconds-Invalid leap seconds) (S168)

Baseline observation:	 cmlg --- _5.3 (B350)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.067 m
Vertical precision:	0.062 m
RMS:	0.015 m
Maximum PDOP:	4.074
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:42:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _5.3					
Grid		Local		Global	
Easting	682917.587 m	Latitude	S8°02'57.87277"	Latitude	S8°02'57.87277"
Northing	9109868.802 m	Longitude	E112°39'35.48634"	Longitude	E112°39'35.48634"
Elevation	420.661 m	Height	450.619 m	Height	450.619 m

Vector					
ΔEasting	-342.270 m	NS Fwd Azimuth	182°18'26"	ΔX	710.958 m
ΔNorthing	-7718.702 m	Ellipsoid Dist.	7726.172 m	ΔY	-895.441 m
ΔElevation	-24.057 m	ΔHeight	-24.048 m	ΔZ	-7641.711 m

Standard Errors

Vector errors:					
σ ΔEasting	0.021 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.026 m
σ ΔNorthing	0.024 m	σ Ellipsoid Dist.	0.024 m	σ ΔY	0.028 m
σ ΔElevation	0.031 m	σ ΔHeight	0.031 m	σ ΔZ	0.022 m

cmlg - _5.3 (Invalid leap seconds-Invalid leap seconds) (S169)

Baseline observation:	cmlg --- _5.3 (B351)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.041 m
Vertical precision:	0.054 m
RMS:	0.037 m
Maximum PDOP:	4.144
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _5.3					
Grid		Local		Global	
Easting	682912.621 m	Latitude	S8°02'57.65993"	Latitude	S8°02'57.65993"
Northing	9109875.361 m	Longitude	E112°39'35.32329"	Longitude	E112°39'35.32329"
Elevation	420.999 m	Height	450.956 m	Height	450.956 m

Vector					
Δ Easting	-347.236 m	NS Fwd Azimuth	182°20'46"	Δ X	715.084 m
Δ Northing	-7712.144 m	Ellipsoid Dist.	7719.842 m	Δ Y	-892.364 m
Δ Elevation	-23.719 m	Δ Height	-23.711 m	Δ Z	-7635.284 m

Standard Errors

Vector errors:					
σ Δ Easting	0.014 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.019 m
σ Δ Northing	0.014 m	σ Ellipsoid Dist.	0.014 m	σ Δ Y	0.025 m
σ Δ Elevation	0.027 m	σ Δ Height	0.027 m	σ Δ Z	0.013 m

cmlg - _5.1 (Invalid leap seconds-Invalid leap seconds) (S170)

Baseline observation:	cmlg --- _5.1 (B352)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.013 m
Vertical precision:	0.097 m
RMS:	0.020 m
Maximum PDOP:	2.003
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:50:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _5.1					
Grid		Local		Global	
Easting	682938.327 m	Latitude	S8°02'57.10656"	Latitude	S8°02'57.10656"
Northing	9109892.257 m	Longitude	E112°39'36.16057"	Longitude	E112°39'36.16057"
Elevation	421.410 m	Height	451.369 m	Height	451.369 m

Vector					
ΔEasting	-321.530 m	NS Fwd Azimuth	182°09'39"	ΔX	690.350 m
ΔNorthing	-7695.247 m	Ellipsoid Dist.	7701.847 m	ΔY	-899.668 m
ΔElevation	-23.307 m	ΔHeight	-23.298 m	ΔZ	-7618.508 m

Standard Errors

Vector errors:					
σ ΔEasting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.020 m
σ ΔNorthing	0.004 m	σ Ellipsoid Dist.	0.004 m	σ ΔY	0.045 m
σ ΔElevation	0.050 m	σ ΔHeight	0.050 m	σ ΔZ	0.007 m

cmlg - _4.2 (Invalid leap seconds-Invalid leap seconds) (S171)

Baseline observation:	cmlg --- _4.2 (B353)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.010 m
Vertical precision:	0.073 m
RMS:	0.019 m
Maximum PDOP:	2.110
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:48:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _4.2					
Grid		Local		Global	
Easting	682934.821 m	Latitude	S8°02'56.92909"	Latitude	S8°02'56.92909"
Northing	9109897.723 m	Longitude	E112°39'36.04534"	Longitude	E112°39'36.04534"
Elevation	421.579 m	Height	451.537 m	Height	451.537 m

Vector					
ΔEasting	-325.036 m	NS Fwd Azimuth	182°11'19"	ΔX	693.248 m
ΔNorthing	-7689.781 m	Ellipsoid Dist.	7696.533 m	ΔY	-897.450 m
ΔElevation	-23.139 m	ΔHeight	-23.130 m	ΔZ	-7613.133 m

Standard Errors

Vector errors:					
σ ΔEasting	0.004 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.016 m
σ ΔNorthing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ ΔY	0.034 m
σ ΔElevation	0.037 m	σ ΔHeight	0.037 m	σ ΔZ	0.005 m

cmlg - _4.2 (Invalid leap seconds-Invalid leap seconds) (S143)

Baseline observation:	cmlg --- _4.2 (B354)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.019 m
Vertical precision:	0.097 m
RMS:	0.029 m
Maximum PDOP:	1.483
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:45:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _4.2					
Grid		Local		Global	
Easting	682918.031 m	Latitude	S8°02'58.36912"	Latitude	S8°02'58.36912"
Northing	9109853.551 m	Longitude	E112°39'35.50287"	Longitude	E112°39'35.50287"
Elevation	420.772 m	Height	450.729 m	Height	450.729 m

Vector					
ΔEasting	-341.826 m	NS Fwd Azimuth	182°17'56"	ΔX	711.271 m
ΔNorthing	-7733.953 m	Ellipsoid Dist.	7741.388 m	ΔY	-897.505 m
ΔElevation	-23.946 m	ΔHeight	-23.938 m	ΔZ	-7656.826 m

Standard Errors

Vector errors:					
σ ΔEasting	0.006 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.021 m
σ ΔNorthing	0.006 m	σ Ellipsoid Dist.	0.007 m	σ ΔY	0.045 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.007 m

cmlg - 4.1 (Invalid leap seconds-Invalid leap seconds) (S144)

Baseline observation:	cmlg --- 4.1 (B355)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.034 m
Vertical precision:	0.059 m
RMS:	0.042 m
Maximum PDOP:	1.611
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From:		cmlg			
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To:		4.1			
Grid		Local		Global	
Easting	682947.968 m	Latitude	S8°02'57.52719"	Latitude	S8°02'57.52719"
Northing	9109879.295 m	Longitude	E112°39'36.47714"	Longitude	E112°39'36.47714"
Elevation	421.576 m	Height	451.534 m	Height	451.534 m

Vector					
Δ Easting	-311.889 m	NS Fwd Azimuth	182°05'07"	Δ X	682.038 m
Δ Northing	-7708.209 m	Ellipsoid Dist.	7714.401 m	Δ Y	-904.921 m
Δ Elevation	-23.142 m	Δ Height	-23.133 m	Δ Z	-7631.327 m

Standard Errors

Vector errors:					
σ Δ Easting	0.013 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.017 m
σ Δ Northing	0.013 m	σ Ellipsoid Dist.	0.013 m	σ Δ Y	0.028 m
σ Δ Elevation	0.030 m	σ Δ Height	0.030 m	σ Δ Z	0.014 m

cmlg - _3.2 (Invalid leap seconds-Invalid leap seconds) (S145)

Baseline observation:	cmlg --- _3.2 (B356)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.047 m
Vertical precision:	0.081 m
RMS:	0.025 m
Maximum PDOP:	1.918
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:32:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _3.2					
Grid		Local		Global	
Easting	682943.654 m	Latitude	S8°02'57.33144"	Latitude	S8°02'57.33144"
Northing	9109885.326 m	Longitude	E112°39'36.33546"	Longitude	E112°39'36.33546"
Elevation	421.614 m	Height	451.572 m	Height	451.572 m

Vector					
ΔEasting	-316.203 m	NS Fwd Azimuth	182°07'08"	ΔX	685.703 m
ΔNorthing	-7702.178 m	Ellipsoid Dist.	7708.551 m	ΔY	-902.438 m
ΔElevation	-23.104 m	ΔHeight	-23.095 m	ΔZ	-7625.377 m

Standard Errors

Vector errors:					
σ ΔEasting	0.018 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.019 m
σ ΔNorthing	0.017 m	σ Ellipsoid Dist.	0.017 m	σ ΔY	0.039 m
σ ΔElevation	0.041 m	σ ΔHeight	0.041 m	σ ΔZ	0.021 m

cmlg - _3.1 (Invalid leap seconds-Invalid leap seconds) (S146)

Baseline observation:	cmlg --- _3.1 (B357)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.054 m
Vertical precision:	0.064 m
RMS:	0.029 m
Maximum PDOP:	1.804
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:21:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _3.1					
Grid		Local		Global	
Easting	682914.599 m	Latitude	S8°02'58.22277"	Latitude	S8°02'58.22277"
Northing	9109858.061 m	Longitude	E112°39'35.39020"	Longitude	E112°39'35.39020"
Elevation	420.467 m	Height	450.425 m	Height	450.425 m

Vector					
Δ Easting	-345.258 m	NS Fwd Azimuth	182°19'33"	Δ X	714.329 m
Δ Northing	-7729.443 m	Ellipsoid Dist.	7737.035 m	Δ Y	-895.873 m
Δ Elevation	-24.251 m	Δ Height	-24.242 m	Δ Z	-7652.332 m

Standard Errors

Vector errors:					
σ Δ Easting	0.022 m	σ NS fwd Azimuth	0°00'01"	σ Δ X	0.019 m
σ Δ Northing	0.012 m	σ Ellipsoid Dist.	0.012 m	σ Δ Y	0.034 m
σ Δ Elevation	0.033 m	σ Δ Height	0.033 m	σ Δ Z	0.013 m

cmlg - _2.3 (Invalid leap seconds-Invalid leap seconds) (S148)

Baseline observation:	cmlg --- _2.3 (B359)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.017 m
Vertical precision:	0.097 m
RMS:	0.026 m
Maximum PDOP:	3.985
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:56:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.3					
Grid		Local		Global	
Easting	682923.809 m	Latitude	S8°02'58.54326"	Latitude	S8°02'58.54326"
Northing	9109848.178 m	Longitude	E112°39'35.69227"	Longitude	E112°39'35.69227"
Elevation	421.157 m	Height	451.115 m	Height	451.115 m

Vector					
ΔEasting	-336.048 m	NS Fwd Azimuth	182°15'16"	ΔX	706.061 m
ΔNorthing	-7739.326 m	Ellipsoid Dist.	7746.503 m	ΔY	-900.079 m
ΔElevation	-23.560 m	ΔHeight	-23.552 m	ΔZ	-7662.178 m

Standard Errors

Vector errors:					
σ ΔEasting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.021 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.045 m
σ ΔElevation	0.050 m	σ ΔHeight	0.050 m	σ ΔZ	0.010 m

cmlg - _2.2 (Invalid leap seconds-Invalid leap seconds) (S149)

Baseline observation:	cmlg --- _2.2 (B360)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.016 m
Vertical precision:	0.097 m
RMS:	0.024 m
Maximum PDOP:	2.333
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:46:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.2					
Grid		Local		Global	
Easting	682954.251 m	Latitude	S8°02'57.75506"	Latitude	S8°02'57.75506"
Northing	9109872.269 m	Longitude	E112°39'36.68328"	Longitude	E112°39'36.68328"
Elevation	421.516 m	Height	451.475 m	Height	451.475 m

Vector					
ΔEasting	-305.606 m	NS Fwd Azimuth	182°02'11"	ΔX	676.613 m
ΔNorthing	-7715.235 m	Ellipsoid Dist.	7721.170 m	ΔY	-908.312 m
ΔElevation	-23.202 m	ΔHeight	-23.192 m	ΔZ	-7638.251 m

Standard Errors

Vector errors:					
σ ΔEasting	0.006 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.017 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.046 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.008 m

cmlg - _2.1 (Invalid leap seconds-Invalid leap seconds) (S150)

Baseline observation:	cmlg --- _2.1 (B361)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.018 m
Vertical precision:	0.097 m
RMS:	0.017 m
Maximum PDOP:	1.695
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:50:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _2.1					
Grid		Local		Global	
Easting	682958.438 m	Latitude	S8°02'57.99079"	Latitude	S8°02'57.99079"
Northing	9109865.010 m	Longitude	E112°39'36.82099"	Longitude	E112°39'36.82099"
Elevation	421.859 m	Height	451.817 m	Height	451.817 m

Vector					
ΔEasting	-301.419 m	NS Fwd Azimuth	182°00'12"	ΔX	672.982 m
ΔNorthing	-7722.494 m	Ellipsoid Dist.	7728.259 m	ΔY	-910.559 m
ΔElevation	-22.859 m	ΔHeight	-22.850 m	ΔZ	-7645.470 m

Standard Errors

Vector errors:					
σ ΔEasting	0.007 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.018 m
σ ΔNorthing	0.006 m	σ Ellipsoid Dist.	0.006 m	σ ΔY	0.046 m
σ ΔElevation	0.049 m	σ ΔHeight	0.049 m	σ ΔZ	0.009 m

cmlg - _1.4 (Invalid leap seconds-Invalid leap seconds) (S151)

Baseline observation:	cmlg --- _1.4 (B362)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.041 m
Vertical precision:	0.075 m
RMS:	0.040 m
Maximum PDOP:	1.836
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:43:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.4					
Grid		Local		Global	
Easting	682794.038 m	Latitude	S8°02'50.69195"	Latitude	S8°02'50.69195"
Northing	9110089.910 m	Longitude	E112°39'31.42218"	Longitude	E112°39'31.42218"
Elevation	421.909 m	Height	451.863 m	Height	451.863 m

Vector					
Δ Easting	-465.819 m	NS Fwd Azimuth	183°19'24"	Δ X	813.429 m
Δ Northing	-7497.594 m	Ellipsoid Dist.	7511.941 m	Δ Y	-817.854 m
Δ Elevation	-22.809 m	Δ Height	-22.804 m	Δ Z	-7423.440 m

Standard Errors

Vector errors:					
σ Δ Easting	0.017 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.022 m
σ Δ Northing	0.012 m	σ Ellipsoid Dist.	0.013 m	σ Δ Y	0.035 m
σ Δ Elevation	0.038 m	σ Δ Height	0.038 m	σ Δ Z	0.014 m

cmlg - _1.3 (Invalid leap seconds-Invalid leap seconds) (S152)

Baseline observation:	cmlg --- _1.3 (B363)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.013 m
Vertical precision:	0.097 m
RMS:	0.029 m
Maximum PDOP:	1.836
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:51:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.3					
Grid		Local		Global	
Easting	682786.488 m	Latitude	S8°02'50.62935"	Latitude	S8°02'50.62935"
Northing	9110091.864 m	Longitude	E112°39'31.17536"	Longitude	E112°39'31.17536"
Elevation	421.224 m	Height	451.178 m	Height	451.178 m

Vector					
ΔEasting	-473.369 m	NS Fwd Azimuth	183°22'54"	ΔX	820.561 m
ΔNorthing	-7495.640 m	Ellipsoid Dist.	7510.463 m	ΔY	-815.320 m
ΔElevation	-23.494 m	ΔHeight	-23.489 m	ΔZ	-7421.440 m

Standard Errors

Vector errors:					
σ ΔEasting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.020 m
σ ΔNorthing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ ΔY	0.045 m
σ ΔElevation	0.050 m	σ ΔHeight	0.050 m	σ ΔZ	0.008 m

cmlg - _1.2 (Invalid leap seconds-Invalid leap seconds) (S153)

Baseline observation:	cmlg --- _1.2 (B364)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.054 m
Vertical precision:	0.065 m
RMS:	0.039 m
Maximum PDOP:	2.088
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:39:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.2					
Grid		Local		Global	
Easting	682818.174 m	Latitude	S8°02'53.16716"	Latitude	S8°02'53.16716"
Northing	9110013.770 m	Longitude	E112°39'32.22048"	Longitude	E112°39'32.22048"
Elevation	420.955 m	Height	450.909 m	Height	450.909 m

Vector					
ΔEasting	-441.683 m	NS Fwd Azimuth	183°06'21"	ΔX	795.335 m
ΔNorthing	-7573.734 m	Ellipsoid Dist.	7586.491 m	ΔY	-837.968 m
ΔElevation	-23.763 m	ΔHeight	-23.758 m	ΔZ	-7498.604 m

Standard Errors

Vector errors:					
σ ΔEasting	0.022 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.021 m
σ ΔNorthing	0.013 m	σ Ellipsoid Dist.	0.013 m	σ ΔY	0.033 m
σ ΔElevation	0.033 m	σ ΔHeight	0.033 m	σ ΔZ	0.014 m

cmlg - _1.1 (Invalid leap seconds-Invalid leap seconds) (S154)

Baseline observation:	cmlg --- _1.1 (B365)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.034 m
Vertical precision:	0.046 m
RMS:	0.028 m
Maximum PDOP:	2.088
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:44:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _1.1					
Grid		Local		Global	
Easting	682840.525 m	Latitude	S8°02'52.54449"	Latitude	S8°02'52.54449"
Northing	9110032.809 m	Longitude	E112°39'32.94790"	Longitude	E112°39'32.94790"
Elevation	421.692 m	Height	451.647 m	Height	451.647 m

Vector					
ΔEasting	-419.333 m	NS Fwd Azimuth	182°56'43"	ΔX	773.467 m
ΔNorthing	-7554.695 m	Ellipsoid Dist.	7566.213 m	ΔY	-843.403 m
ΔElevation	-23.026 m	ΔHeight	-23.020 m	ΔZ	-7479.765 m

Standard Errors

Vector errors:					
σ ΔEasting	0.013 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.018 m
σ ΔNorthing	0.009 m	σ Ellipsoid Dist.	0.009 m	σ ΔY	0.019 m
σ ΔElevation	0.023 m	σ ΔHeight	0.023 m	σ ΔZ	0.010 m

cmlg - _bd4 (Invalid leap seconds-Invalid leap seconds) (S139)

Baseline observation:	cmlg --- _bd4 (B366)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.024 m
Vertical precision:	0.034 m
RMS:	0.024 m
Maximum PDOP:	1.902
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:27:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd4					
Grid		Local		Global	
Easting	682819.772 m	Latitude	S8°02'53.21201"	Latitude	S8°02'53.21201"
Northing	9110012.386 m	Longitude	E112°39'32.27287"	Longitude	E112°39'32.27287"
Elevation	421.078 m	Height	451.033 m	Height	451.033 m

Vector					
ΔEasting	-440.085 m	NS Fwd Azimuth	183°05'35"	ΔX	793.882 m
ΔNorthing	-7575.119 m	Ellipsoid Dist.	7587.780 m	ΔY	-838.651 m
ΔElevation	-23.639 m	ΔHeight	-23.634 m	ΔZ	-7499.986 m

Standard Errors

Vector errors:					
σ ΔEasting	0.010 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.010 m
σ ΔNorthing	0.007 m	σ Ellipsoid Dist.	0.007 m	σ ΔY	0.017 m
σ ΔElevation	0.017 m	σ ΔHeight	0.017 m	σ ΔZ	0.007 m

cmlg - _bd3 (Invalid leap seconds-Invalid leap seconds) (S140)

Baseline observation:	cmlg --- _bd3 (B367)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.036 m
Vertical precision:	0.070 m
RMS:	0.012 m
Maximum PDOP:	2.207
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:26:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd3					
Grid		Local		Global	
Easting	682860.453 m	Latitude	S8°02'53.25887"	Latitude	S8°02'53.25887"
Northing	9110010.781 m	Longitude	E112°39'33.60164"	Longitude	E112°39'33.60164"
Elevation	421.939 m	Height	451.895 m	Height	451.895 m

Vector					
ΔEasting	-399.404 m	NS Fwd Azimuth	182°47'08"	ΔX	756.082 m
ΔNorthing	-7576.723 m	Ellipsoid Dist.	7587.132 m	ΔY	-853.725 m
ΔElevation	-22.779 m	ΔHeight	-22.772 m	ΔZ	-7501.532 m

Standard Errors

Vector errors:					
σ ΔEasting	0.014 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.017 m
σ ΔNorthing	0.013 m	σ Ellipsoid Dist.	0.013 m	σ ΔY	0.033 m
σ ΔElevation	0.036 m	σ ΔHeight	0.036 m	σ ΔZ	0.015 m

cmlg - _bd1 (Invalid leap seconds-Invalid leap seconds) (S142)

Baseline observation:	cmlg --- _bd1 (B369)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.036 m
Vertical precision:	0.065 m
RMS:	0.034 m
Maximum PDOP:	2.321
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:31:30
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m


To: _bd1					
Grid		Local		Global	
Easting	682841.877 m	Latitude	S8°02'52.58346"	Latitude	S8°02'52.58346"
Northing	9110031.606 m	Longitude	E112°39'32.99223"	Longitude	E112°39'32.99223"
Elevation	421.801 m	Height	451.756 m	Height	451.756 m

Vector					
ΔEasting	-417.980 m	NS Fwd Azimuth	182°56'04"	ΔX	772.237 m
ΔNorthing	-7555.898 m	Ellipsoid Dist.	7567.339 m	ΔY	-843.982 m
ΔElevation	-22.917 m	ΔHeight	-22.911 m	ΔZ	-7480.966 m

Standard Errors

Vector errors:					
σ ΔEasting	0.014 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.018 m
σ ΔNorthing	0.013 m	σ Ellipsoid Dist.	0.013 m	σ ΔY	0.030 m
σ ΔElevation	0.033 m	σ ΔHeight	0.033 m	σ ΔZ	0.015 m

cmlg - _bd5 (Invalid leap seconds-Invalid leap seconds) (S186)

Baseline observation:	 cmlg --- _bd5 (B372)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.065 m
Vertical precision:	0.076 m
RMS:	0.031 m
Maximum PDOP:	1.972
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+7hr)
Processing stop time:	Invalid leap seconds (Local: UTC+7hr)
Processing duration:	00:26:00
Processing interval:	30 seconds

Vector Components (Mark to Mark)

From: cmlg					
Grid		Local		Global	
Easting	683259.857 m	Latitude	S7°58'46.58244"	Latitude	S7°58'46.58244"
Northing	9117587.504 m	Longitude	E112°39'45.64409"	Longitude	E112°39'45.64409"
Elevation	444.718 m	Height	474.667 m	Height	474.667 m

To: _bd5					
Grid		Local		Global	
Easting	682827.698 m	Latitude	S8°02'53.87578"	Latitude	S8°02'53.87578"
Northing	9109991.961 m	Longitude	E112°39'32.53443"	Longitude	E112°39'32.53443"
Elevation	420.630 m	Height	450.585 m	Height	450.585 m

Vector					
ΔEasting	-432.159 m	NS Fwd Azimuth	183°01'28"	ΔX	787.762 m
ΔNorthing	-7595.543 m	Ellipsoid Dist.	7607.716 m	ΔY	-844.781 m
ΔElevation	-24.088 m	ΔHeight	-24.082 m	ΔZ	-7520.116 m

Standard Errors

Vector errors:					
σ ΔEasting	0.026 m	σ NS fwd Azimuth	0°00'01"	σ ΔX	0.022 m
σ ΔNorthing	0.018 m	σ Ellipsoid Dist.	0.018 m	σ ΔY	0.041 m
σ ΔElevation	0.039 m	σ ΔHeight	0.039 m	σ ΔZ	0.018 m

cmlg - _bd6 (Invalid leap seconds-Invalid leap seconds) (S187)

Grid	Local	Global
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