

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 North
Modified:		Datum:	WGS 1984
Time zone:		Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	EGM96 (Global)
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

### Point List

ID	Easting (Meter)	Northing (Meter)	Elevation (Meter)	Feature Code
319	280718.169	2196469.933	203.837	C.P-A Final
320	281561.921	2196154.358	201.062	C.P-B Final
413	282180.234	2196401.319	204.717	C.P C Final
423	282977.773	2196462.953	203.157	C.P-D
131	283055.934	2194663.474	202.215	C.P-E
175	280032.951	2194661.364	229.276	C.P-F
GB-01	277365.477	2194298.193	229.175	

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Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 North
Modified:		Datum:	WGS 1984
Time zone:		Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	EGM96 (Global)
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

### Point List

ID	Easting (Meter)	Northing (Meter)	Elevation (Meter)	Feature Code
GB--01	277365.477	2194298.193	229.175	BASE
PBH-05	280995.781	2194905.050	222.470	MMC-01
PBH-04	282611.194	2195534.208	199.164	MMC-02
PBH-06	281982.667	2194862.294	214.528	MMC-03
297	282064.605	2196093.037	203.173	MMC-04
BH	281504.915	2195597.263	206.229	MMC-05

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## GB-01 (04:55:40-07:48:42) (S1)

Baseline observation:	319 (B1)
Processed:	27-04-2025 14:04:24
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.003 m
Vertical precision:	0.005 m
RMS:	0.016 m
Maximum PDOP:	0.847
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	27-04-2025 04:59:38 (GPS Time)
Processing stop time:	27-04-2025 05:30:00 (GPS Time)
Processing duration:	00:30:22
Processing interval:	2 seconds

## Vector Components (Mark to Mark)

From:	GB-01				
	Grid		Local		Global
Easting	277365.477 m		Latitude	N19°49'55.39520"	
Northing	2194298.193 m		Longitude	E78°52'27.45487"	
Elevation	229.175 m		Height	160.226 m	

To:	319				
	Grid		Local		Global
Easting	280718.169 m		Latitude	N19°51'07.36249"	
Northing	2196469.933 m		Longitude	E78°54'21.71199"	
Elevation	203.837 m		Height	134.935 m	

Vector					
ΔEasting	3352.692 m	NS Fwd Azimuth	56°20'41"	ΔX	-3411.700 m
ΔNorthing	2171.740 m	Ellipsoid Dist.	3993.808 m	ΔY	-119.819 m
ΔElevation	-25.339 m	ΔHeight	-25.291 m	ΔZ	2073.121 m

## Standard Errors

Vector errors:					
σ ΔEasting	0.001 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.001 m
σ ΔNorthing	0.001 m	σ Ellipsoid Dist.	0.001 m	σ ΔY	0.003 m
σ ΔElevation	0.003 m	σ ΔHeight	0.003 m	σ ΔZ	0.002 m

Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0000015674		
Y	0.0000003090	0.0000063065	
Z	0.0000001008	0.0000016545	0.0000022869

## Occupations

	From	To
Point ID:	GB-01	319
Data file:	C:\Users\admin\Documents\Trimble Business	C:\Users\admin\Documents\Trimble Business
Receiver type:	R12i	R12i
Receiver serial number:	6347701371	6347701394
Antenna type:	R12i Internal	R12i Internal
Antenna serial number:	-----	-----
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of quick release	Bottom of quick release

**GB-01 (04:55:40-07:48:42) (S1)**

Baseline observation:	320 (B2)
Processed:	27-04-2025 14:04:24
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.004 m
Vertical precision:	0.008 m
RMS:	0.016 m
Maximum PDOP:	0.909
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	27-04-2025 05:55:30 (GPS Time)
Processing stop time:	27-04-2025 06:25:30 (GPS Time)
Processing duration:	00:30:00
Processing interval:	2 seconds

**Vector Components (Mark to Mark)**

From:	GB-01				
	Grid		Local		Global
Easting	277365.477 m	Latitude	N19°49'55.39520"	Latitude	N19°49'55.39520"
Northing	2194298.193 m	Longitude	E78°52'27.45487"	Longitude	E78°52'27.45487"
Elevation	229.175 m	Height	160.226 m	Height	160.226 m

To:	320				
	Grid		Local		Global
Easting	281561.921 m	Latitude	N19°50'57.44282"	Latitude	N19°50'57.44282"
Northing	2196154.358 m	Longitude	E78°54'50.83753"	Longitude	E78°54'50.83753"
Elevation	201.062 m	Height	132.145 m	Height	132.145 m

Vector					
ΔEasting	4196.445 m	NS Fwd Azimuth	65°25'03"	ΔX	-4223.909 m
ΔNorthing	1856.165 m	Ellipsoid Dist.	4587.704 m	ΔY	142.262 m
ΔElevation	-28.113 m	ΔHeight	-28.081 m	ΔZ	1785.256 m

**Standard Errors**

Vector errors:					
σ ΔEasting	0.002 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.002 m
σ ΔNorthing	0.002 m	σ Ellipsoid Dist.	0.002 m	σ ΔY	0.004 m
σ ΔElevation	0.004 m	σ ΔHeight	0.004 m	σ ΔZ	0.002 m

**Aposteriori Covariance Matrix (Meter²)**

	X	Y	Z
X	0.0000032513		
Y	0.0000020486	0.0000167514	
Z	0.0000004926	0.0000043755	0.0000038477

**Occupations**

	From	To
Point ID:	GB-01	320
Data file:	C:\Users\admin\Documents\Trimble Business	C:\Users\admin\Documents\Trimble Business
Receiver type:	R12i	R12i
Receiver serial number:	6347701371	6347701394
Antenna type:	R12i Internal	R12i Internal
Antenna serial number:	-----	-----
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of quick release	Bottom of quick release

**GB-01 (03:47:56-08:03:24) (S1)**

Baseline observation:	413 (B55)
Processed:	29-04-2025 14:49:10
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.007 m
Vertical precision:	0.009 m
RMS:	0.028 m
Maximum PDOP:	0.733
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	29-04-2025 07:33:08 (GPS Time)
Processing stop time:	29-04-2025 08:03:10 (GPS Time)
Processing duration:	00:30:02
Processing interval:	2 seconds

**Vector Components (Mark to Mark)**

From: GB-01					
Grid		Local		Global	
Easting	277365.477 m	Latitude	N19°49'55.39520"	Latitude	N19°49'55.39520"
Northing	2194298.193 m	Longitude	E78°52'27.45487"	Longitude	E78°52'27.45487"
Elevation	229.175 m	Height	160.226 m	Height	160.226 m

To: 413					
Grid		Local		Global	
Easting	282180.234 m	Latitude	N19°51'05.72000"	Latitude	N19°51'05.72000"
Northing	2196401.319 m	Longitude	E78°55'11.97791"	Longitude	E78°55'11.97791"
Elevation	204.717 m	Height	135.805 m	Height	135.805 m

Vector					
ΔEasting	4814.758 m	NS Fwd Azimuth	65°40'56"	ΔX	-4843.503 m
ΔNorthing	2103.125 m	Ellipsoid Dist.	5253.001 m	ΔY	179.064 m
ΔElevation	-24.458 m	ΔHeight	-24.421 m	ΔZ	2025.909 m

**Standard Errors**

Vector errors:					
σ ΔEasting	0.003 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.003 m
σ ΔNorthing	0.002 m	σ Ellipsoid Dist.	0.003 m	σ ΔY	0.004 m
σ ΔElevation	0.005 m	σ ΔHeight	0.005 m	σ ΔZ	0.003 m

**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	X	Y	Z
X	0.0000069181		
Y	0.0000018006	0.0000193851	
Z	-0.0000019954	0.0000077472	0.0000090221

**Occupations**

	From	To
Point ID:	GB-01	413
Data file:	C:\Users\admin\Documents\Trimble Business	C:\Users\admin\Documents\Trimble Business
Receiver type:	R12i	R12i
Receiver serial number:	6347701371	6347701394
Antenna type:	R12i Internal	R12i Internal
Antenna serial number:	-----	-----
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of quick release	Bottom of quick release

## GB-01 (05:01:22-06:02:12) (S1)

Baseline observation:	423 (B10)
Processed:	01-05-2025 13:16:41
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.005 m
Vertical precision:	0.008 m
RMS:	0.013 m
Maximum PDOP:	0.885
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	01-05-2025 05:32:24 (GPS Time)
Processing stop time:	01-05-2025 06:02:12 (GPS Time)
Processing duration:	00:29:48
Processing interval:	2 seconds

## Vector Components (Mark to Mark)

From:	GB-01				
	Grid		Local		Global
Easting	277365.477 m	Latitude	N19°49'55.39520"	Latitude	N19°49'55.39520"
Northing	2194298.193 m	Longitude	E78°52'27.45487"	Longitude	E78°52'27.45487"
Elevation	229.175 m	Height	160.226 m	Height	160.226 m

To:	423				
	Grid		Local		Global
Easting	282977.773 m	Latitude	N19°51'08.04304"	Latitude	N19°51'08.04304"
Northing	2196462.953 m	Longitude	E78°55'39.35558"	Longitude	E78°55'39.35558"
Elevation	203.157 m	Height	134.242 m	Height	134.242 m

Vector					
ΔEasting	5612.297 m	NS Fwd Azimuth	68°11'08"	ΔX	-5630.197 m
ΔNorthing	2164.760 m	Ellipsoid Dist.	6014.132 m	ΔY	306.850 m
ΔElevation	-26.019 m	ΔHeight	-25.984 m	ΔZ	2092.569 m

## Standard Errors

Vector errors:					
σ ΔEasting	0.002 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.002 m
σ ΔNorthing	0.002 m	σ Ellipsoid Dist.	0.002 m	σ ΔY	0.004 m
σ ΔElevation	0.004 m	σ ΔHeight	0.004 m	σ ΔZ	0.002 m

Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0000032586		
Y	0.0000014513	0.0000154287	
Z	0.0000000056	0.0000039189	0.0000042805

## Occupations

	From	To
Point ID:	GB-01	423
Data file:	C:\Users\admin\Documents\Trimble Business	C:\Users\admin\Documents\Trimble Business
Receiver type:	R12i	R12i
Receiver serial number:	6347701371	6347701394
Antenna type:	R12i Internal	R12i Internal
Antenna serial number:	-----	-----
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of quick release	Bottom of quick release



## GB-01 (03:41:40-07:50:26) (S1)

Baseline observation:	131 (B1)
Processed:	21-04-2025 12:57:21
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.004 m
Vertical precision:	0.007 m
RMS:	0.012 m
Maximum PDOP:	0.834
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	21-04-2025 03:55:22 (GPS Time)
Processing stop time:	21-04-2025 04:25:24 (GPS Time)
Processing duration:	00:30:02
Processing interval:	2 seconds

## Vector Components (Mark to Mark)

From:	GB-01				
	Grid		Local		Global
Easting	277365.477 m	Latitude	N19°49'55.39520"	Latitude	N19°49'55.39520"
Northing	2194298.193 m	Longitude	E78°52'27.45487"	Longitude	E78°52'27.45487"
Elevation	229.175 m	Height	160.226 m	Height	160.226 m

To:	131				
	Grid		Local		Global
Easting	283055.934 m	Latitude	N19°50'09.57090"	Latitude	N19°50'09.57090"
Northing	2194663.474 m	Longitude	E78°55'42.80040"	Longitude	E78°55'42.80040"
Elevation	202.215 m	Height	133.242 m	Height	133.242 m

Vector					
ΔEasting	5690.458 m	NS Fwd Azimuth	85°36'20"	ΔX	-5611.530 m
ΔNorthing	365.281 m	Ellipsoid Dist.	5701.046 m	ΔY	924.200 m
ΔElevation	-26.960 m	ΔHeight	-26.984 m	ΔZ	400.907 m

## Standard Errors

Vector errors:					
σ ΔEasting	0.002 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.002 m
σ ΔNorthing	0.001 m	σ Ellipsoid Dist.	0.002 m	σ ΔY	0.003 m
σ ΔElevation	0.003 m	σ ΔHeight	0.003 m	σ ΔZ	0.002 m

Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0000026266		
Y	0.0000009782	0.0000113971	
Z	0.0000006255	0.0000027225	0.0000024015

## Occupations

	From	To
Point ID:	GB-01	131
Data file:	C:\Users\admin\Documents\Trimble Business	C:\Users\admin\Documents\Trimble Business
Receiver type:	R12i	R12i
Receiver serial number:	6347701371	6347701394
Antenna type:	R12i Internal	R12i Internal
Antenna serial number:	-----	-----
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of quick release	Bottom of quick release

## GB-01 (03:41:40-07:50:26) (S1)

Baseline observation:	175 (B45)
Processed:	21-04-2025 12:57:22
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.003 m
Vertical precision:	0.005 m
RMS:	0.012 m
Maximum PDOP:	0.786
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	21-04-2025 07:18:10 (GPS Time)
Processing stop time:	21-04-2025 07:48:10 (GPS Time)
Processing duration:	00:30:00
Processing interval:	2 seconds

## Vector Components (Mark to Mark)

From:	GB-01				
	Grid		Local		Global
Easting	277365.477 m	Latitude	N19°49'55.39520"	Latitude	N19°49'55.39520"
Northing	2194298.193 m	Longitude	E78°52'27.45487"	Longitude	E78°52'27.45487"
Elevation	229.175 m	Height	160.226 m	Height	160.226 m

To:	175				
	Grid		Local		Global
Easting	280032.951 m	Latitude	N19°50'08.28765"	Latitude	N19°50'08.28765"
Northing	2194661.364 m	Longitude	E78°53'58.94158"	Longitude	E78°53'58.94158"
Elevation	229.276 m	Height	160.320 m	Height	160.320 m

Vector					
ΔEasting	2667.475 m	NS Fwd Azimuth	81°31'32"	ΔX	-2638.230 m
ΔNorthing	363.170 m	Ellipsoid Dist.	2691.531 m	ΔY	381.225 m
ΔElevation	0.100 m	ΔHeight	0.094 m	ΔZ	372.975 m

## Standard Errors

Vector errors:					
σ ΔEasting	0.001 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.001 m
σ ΔNorthing	0.001 m	σ Ellipsoid Dist.	0.001 m	σ ΔY	0.002 m
σ ΔElevation	0.002 m	σ ΔHeight	0.002 m	σ ΔZ	0.001 m

Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0000015708		
Y	0.0000000710	0.0000052454	
Z	0.0000001081	0.0000019852	0.0000020535

## Occupations

	From	To
Point ID:	GB-01	175
Data file:	C:\Users\admin\Documents\Trimble Business	C:\Users\admin\Documents\Trimble Business
Receiver type:	R12i	R12i
Receiver serial number:	6347701371	6347701394
Antenna type:	R12i Internal	R12i Internal
Antenna serial number:	-----	-----
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of quick release	Bottom of quick release



## A-01 (05:00:08-07:49:25) (S1)

Baseline observation:	PBH-04 (B2)
Processed:	16-04-2025 17:46:55
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.014 m
Vertical precision:	0.036 m
RMS:	0.014 m
Maximum PDOP:	1.063
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	16-04-2025 05:51:08 (GPS Time)
Processing stop time:	16-04-2025 06:01:10 (GPS Time)
Processing duration:	00:10:02
Processing interval:	1 second

## Vector Components (Mark to Mark)

From:	A-01				
	Grid		Local		Global
Easting	277365.477 m	Latitude	N19°49'55.39520"	Latitude	N19°49'55.39520"
Northing	2194298.193 m	Longitude	E78°52'27.45487"	Longitude	E78°52'27.45487"
Elevation	229.175 m	Height	160.226 m	Height	160.226 m

To:	PBH-04				
	Grid		Local		Global
Easting	282611.194 m	Latitude	N19°50'37.70187"	Latitude	N19°50'37.70187"
Northing	2195534.208 m	Longitude	E78°55'27.15247"	Longitude	E78°55'27.15247"
Elevation	199.164 m	Height	130.221 m	Height	130.221 m

Vector					
ΔEasting	5245.718 m	NS Fwd Azimuth	76°01'12"	ΔX	-5221.613 m
ΔNorthing	1236.015 m	Ellipsoid Dist.	5388.299 m	ΔY	545.827 m
ΔElevation	-30.011 m	ΔHeight	-30.005 m	ΔZ	1213.599 m

## Standard Errors

Vector errors:					
σ ΔEasting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.006 m
σ ΔNorthing	0.006 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.017 m
σ ΔElevation	0.019 m	σ ΔHeight	0.019 m	σ ΔZ	0.008 m

Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0000343463		
Y	0.0000423413	0.0003054312	
Z	0.0000122359	0.0000980677	0.0000691960

## Occupations

	From	To
Point ID:	A-01	PBH-04
Data file:	C:\Users\admin\Documents\Trimble Business	C:\Users\admin\Documents\Trimble Business
Receiver type:	R12i	R12i
Receiver serial number:	6347701371	6347701394
Antenna type:	R12i Internal	R12i Internal
Antenna serial number:	-----	-----
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of quick release	Bottom of quick release

## A-01 (05:00:08-07:49:25) (S1)

Baseline observation:	PBH-06 (B1)
Processed:	16-04-2025 17:46:55
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.011 m
Vertical precision:	0.028 m
RMS:	0.010 m
Maximum PDOP:	0.966
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	16-04-2025 05:03:13 (GPS Time)
Processing stop time:	16-04-2025 05:13:13 (GPS Time)
Processing duration:	00:10:00
Processing interval:	1 second

## Vector Components (Mark to Mark)

From:	A-01				
	Grid		Local		Global
Easting	277365.477 m	Latitude	N19°49'55.39520"	Latitude	N19°49'55.39520"
Northing	2194298.193 m	Longitude	E78°52'27.45487"	Longitude	E78°52'27.45487"
Elevation	229.175 m	Height	160.226 m	Height	160.226 m

To:	PBH-06				
	Grid		Local		Global
Easting	281982.667 m	Latitude	N19°50'15.60542"	Latitude	N19°50'15.60542"
Northing	2194862.294 m	Longitude	E78°55'05.84199"	Longitude	E78°55'05.84199"
Elevation	214.528 m	Height	145.567 m	Height	145.567 m

Vector					
ΔEasting	4617.191 m	NS Fwd Azimuth	82°18'46"	ΔX	-4565.978 m
ΔNorthing	564.100 m	Ellipsoid Dist.	4650.592 m	ΔY	667.162 m
ΔElevation	-14.648 m	ΔHeight	-14.659 m	ΔZ	579.647 m

## Standard Errors

Vector errors:					
σ ΔEasting	0.005 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.005 m
σ ΔNorthing	0.005 m	σ Ellipsoid Dist.	0.005 m	σ ΔY	0.013 m
σ ΔElevation	0.014 m	σ ΔHeight	0.014 m	σ ΔZ	0.007 m

Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0000261099		
Y	0.0000270488	0.0001744241	
Z	0.0000103762	0.0000603390	0.0000453355

## Occupations

	From	To
Point ID:	A-01	PBH-06
Data file:	C:\Users\admin\Documents\Trimble Business	C:\Users\admin\Documents\Trimble Business
Receiver type:	R12i	R12i
Receiver serial number:	6347701371	6347701394
Antenna type:	R12i Internal	R12i Internal
Antenna serial number:	-----	-----
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of quick release	Bottom of quick release

## GB-01 (03:40:26-06:55:18) (S1)

Baseline observation:	297 (B39)
Processed:	26-04-2025 12:43:38
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.006 m
Vertical precision:	0.011 m
RMS:	0.014 m
Maximum PDOP:	0.780
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	26-04-2025 05:54:48 (GPS Time)
Processing stop time:	26-04-2025 06:05:16 (GPS Time)
Processing duration:	00:10:28
Processing interval:	2 seconds

## Vector Components (Mark to Mark)

From: GB-01					
Grid		Local		Global	
Easting	277365.477 m	Latitude	N 19°49'55.39520"	Latitude	N 19°49'55.39520"
Northing	2194298.193 m	Longitude	E 78°52'27.45487"	Longitude	E 78°52'27.45487"
Elevation	229.175 m	Height	160.226 m	Height	160.226 m

To: 297					
Grid		Local		Global	
Easting	282064.605 m	Latitude	N 19°50'55.65106"	Latitude	N 19°50'55.65106"
Northing	2196093.037 m	Longitude	E 78°55'08.13557"	Longitude	E 78°55'08.13557"
Elevation	203.173 m	Height	134.251 m	Height	134.251 m

Vector					
ΔEasting	4699.129 m	NS Fwd Azimuth	68°22'26"	ΔX	-4713.862 m
ΔNorthing	1794.844 m	Ellipsoid Dist.	5029.231 m	ΔY	259.323 m
ΔElevation	-26.002 m	ΔHeight	-25.975 m	ΔZ	1734.145 m

## Standard Errors

Vector errors:					
σ ΔEasting	0.002 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.002 m
σ ΔNorthing	0.002 m	σ Ellipsoid Dist.	0.002 m	σ ΔY	0.005 m
σ ΔElevation	0.006 m	σ ΔHeight	0.006 m	σ ΔZ	0.003 m

Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0000059530		
Y	0.0000029898	0.0000285418	
Z	0.0000004354	0.0000078617	0.0000078561

## Occupations

	From	To
Point ID:	GB-01	297
Data file:	C:\Users\admin\Documents\Trimble Business	C:\Users\admin\Documents\Trimble Business
Receiver type:	R12i	R12i
Receiver serial number:	6347701371	6347701394
Antenna type:	R12i Internal	R12i Internal
Antenna serial number:	-----	-----
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of quick release	Bottom of quick release

## GB-1 - MMC-05 (Invalid leap seconds-Invalid leap seconds) (S1)

Baseline observation:	GB-1 --- MMC-05 (B1)
Processed:	Invalid leap seconds
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.005 m
Vertical precision:	0.007 m
RMS:	0.009 m
Maximum PDOP:	1.490
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	Invalid leap seconds (Local: UTC+5hr)
Processing stop time:	Invalid leap seconds (Local: UTC+5hr)
Processing duration:	00:19:00
Processing interval:	1 second

## Vector Components (Mark to Mark)

From:	GB-1				
	Grid		Local		Global
Easting	277365.477 m	Latitude	N19°49'55.39520"	Latitude	N19°49'55.39520"
Northing	2194298.193 m	Longitude	E78°52'27.45488"	Longitude	E78°52'27.45488"
Elevation	229.175 m	Height	160.226 m	Height	160.226 m

To:	MMC-05				
	Grid		Local		Global
Easting	281504.915 m	Latitude	N19°50'39.30818"	Latitude	N19°50'39.30818"
Northing	2195597.263 m	Longitude	E78°54'49.11556"	Longitude	E78°54'49.11556"
Elevation	206.229 m	Height	137.295 m	Height	137.295 m

Vector					
ΔEasting	4139.438 m	NS Fwd Azimuth	71°51'18"	ΔX	-4137.402 m
ΔNorthing	1299.070 m	Ellipsoid Dist.	4337.620 m	ΔY	323.178 m
ΔElevation	-22.946 m	ΔHeight	-22.931 m	ΔZ	1262.463 m

## Standard Errors

Vector errors:					
σ ΔEasting	0.002 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.002 m
σ ΔNorthing	0.002 m	σ Ellipsoid Dist.	0.002 m	σ ΔY	0.003 m
σ ΔElevation	0.004 m	σ ΔHeight	0.004 m	σ ΔZ	0.002 m

Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0000036537		
Y	0.0000014453	0.0000107499	
Z	0.0000005652	0.0000038093	0.0000050835

## Occupations

	From	To
Point ID:	GB-1	MMC-05
Data file:	C:\Users\del\Documents\Trimble Business	C:\Users\del\Documents\Trimble Business
Receiver type:	R8s LT	R8s LT
Receiver serial number:	5912R91946	5912R91953
Antenna type:	R8s Internal	R8s Internal
Antenna serial number:	12R91946	12R91953
Antenna height (measured):	2.000 m	2.000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount