

Survey Report

Job name	c point
Creation date	25 Oct 2023
Version	Trimble Access 22.10
Distance Units	Meters
Angle units	Degrees
Pressure Units	mbar
Temperature Units	Celsius

Coordinate system (Job)

System	Palestine
Zone	Palastine New Grid B
Datum	Israel New Grid 7P B

Projection

Projection	Transverse Mercator
Origin lat	31° 44'03.81700"N
Origin long	35° 12'16.26100"E
False northing	126907.390
False easting	169529.584
Scale	1.00000670
South azimuth (grid)	No
Grid coords	Increase North-East
Ellipsoid	Semi-major axis: 6378137.000 Flattening: 298.2572210

Local site

Type	Grid
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Datum transformation

Type	Seven parameter
Semi-major axis	6378137.000
Flattening	298.257223
Rotation X	-0° 00'00.3307"
Rotation Y	0° 00'02.4158"
Rotation Z	-0° 00'02.3519"
Translation X	105.678
Translation Y	-103.841
Translation Z	-110.044
Scale	2.55301ppm

Vertical adjustment

Geoid file	ilum12
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Collected Field Data (ECEF deltas: APC to APC)

Corrections

South azimuth (grid)	No
Grid coords	Increase North-East
Magnetic declination	0° 00'00"
Distances	Ground
Neighborhood adjustment	Off

Projection

Projection	Transverse Mercator
Origin lat	31° 44'03.81700"N
Origin long	35° 12'16.26100"E
False northing	126907.390
False easting	169529.584
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Local site

Type	Grid
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Datum transformation

Type	Seven parameter
Semi-major axis	6378137.000
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Vertical adjustment

Geoid file	ilum12
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Coordinate system

System	Palestine
Zone	Palastine New Grid B
Datum	Israel New Grid 7P B

Note	Converted from v2021.20.21 to v2022.10.19
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Rover options

Elevation mask	10	PDOP mask	6						
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Rover options

Elevation mask	10	PDOP mask	6						
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Survey event

Survey event	Rover started
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Point	PRS841430578155	Latitude	31° 30' 27.66877"N	Longitude	35° 01' 48.45270"E	Height	888.921	Code	
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GNSS receiver

Receiver type	Unknown
Serial number	
Firmware version	0
Antenna type	AdV Null Antenna
Measurement method	Antenna Phase Center
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.000

Base point

Point	PRS841430578155	Antenna height	0.000	Type	Corrected				
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Initialization event: Gained

GPS week	2285	Seconds	309102	Initialization type	On the fly	Survey type	Real-time	Initialization count	0
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Note	New base station detected								
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Point	RTCM3774	Latitude	31° 32' 29.22840"N	Longitude	35° 04' 05.04960"E	Height	865.820	Code	
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GNSS receiver

Receiver type	Unknown
Serial number	
Firmware version	0

Antenna type	AdV Null Antenna
Measurement method	Antenna Phase Center
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.000

Base point

Point	RTCM3774	Antenna height	0.000	Type	Corrected				
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Initialization event: Lost

GPS week	2285	Seconds	309580	Initialization type	On the fly	Survey type	Real-time	Initialization count	0
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Initialization event: Gained

GPS week	2285	Seconds	309582	Initialization type	On the fly	Survey type	Real-time	Initialization count	0
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Note	Base operation mode:								
Note	Base data is in RAW mode. Solution is not Network RTK.								
Point	PRS632283243579	Latitude	31° 44'04.25350"N	Longitude	35° 12'17.98373"E	Height	804.575	Code	

GNSS receiver

Receiver type	Unknown
Serial number	
Firmware version	0
Antenna type	AdV Null Antenna
Measurement method	Antenna Phase Center
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.000

Base point

Point	PRS632283243579	Antenna height	0.000	Type	Corrected				
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Initialization event: Lost

GPS week	2285	Seconds	309606	Initialization type	On the fly	Survey type	Real-time	Initialization count	0
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Initialization event: Gained

GPS week	2285	Seconds	309608	Initialization type	On the fly	Survey type	Real-time	Initialization count	0
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Note	Base operation mode:								
Note	Base data is in Network mode. Solution is now Network RTK.								

GNSS receiver

Receiver type	Unknown
Serial number	
Firmware version	0
Antenna type	AdV Null Antenna
Measurement method	Antenna Phase Center
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.000

Base point

Point	PRS632283243579	Antenna height	0.000	Type	Corrected				
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Initialization event: Lost

GPS week	2285	Seconds	309612	Initialization type	On the fly	Survey type	Real-time	Initialization count	0
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Initialization event: Gained

GPS week	2285	Seconds	309615	Initialization type	On the fly	Survey type	Real-time	Initialization count	0
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GNSS receiver

Receiver type	SP60
Serial number	5726550113
Firmware version	4.33
Antenna type	SP60
Measurement method	Bottom of antenna mount
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.069

Point	1	ΔX	16706.046	ΔY	-4130.115	ΔZ	-18196.688	Code	st1
		Method	Fixed	Type	Topo point	Search class	Normal		
Antenna height	2.000	Type	Uncorrected	Hz Prec (DRMS)	0.008	Vt Prec (1 sigma)	0.012		
QC 1		Satellites	13	PDOP	1.1	HDOP	0.5	VDOP	1.0
		Base data age	1	RMS	?	Positions used	451		
QC 2		VCV xx (m ²)	0.000081	VCV xy (m ²)	0.000039	VCV xz (m ²)	0.000037		
				VCV yy (m ²)	0.000053	VCV yz (m ²)	0.000026		
						VCV zz (m ²)	0.000063		

Initialization event: Lost

GPS week	2285	Seconds	310102	Initialization type	On the fly	Survey type	Real-time	Initialization count	0
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Rover options

Elevation mask	10	PDOP mask	6						
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Rover options

Elevation mask	10	PDOP mask	6						
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Survey event

Survey event	Rover started
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GNSS receiver

Receiver type	Unknown
Serial number	
Firmware version	0
Antenna type	AdV Null Antenna
Measurement method	Antenna Phase Center
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.000

Base point

Point	PRS841430578 155	Antenna height	0.000	Type	Corrected				
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Initialization event: Gained

GPS week	2285	Seconds	312083	Initializatio n type	On the fly	Survey type	Real-time	Initializatio n count	0
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GNSS receiver

Receiver type	SP60
Serial number	5726550113
Firmware version	4.33
Antenna type	SP60
Measurement method	Bottom of antenna mount
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.069

Point	2	ΔX	-3934.874	ΔY	1877.884	ΔZ	3438.122	Code	st2
		Method	Fixed	Type	Topo point	Search class	Normal		
Antenna height	2.000	Type	Uncorrected	Hz Prec (DRMS)	0.009	Vt Prec (1 sigma)	0.015		
QC 1		Satellites	14	PDOP	1.1	HDOP	0.5	VDOP	1.0
		Base data age	1	RMS	?	Positions used	945		
QC 2		VCV xx (m ²)	0.000138	VCV xy (m ²)	0.000074	VCV xz (m ²)	0.000067		
				VCV yy (m ²)	0.000084	VCV yz (m ²)	0.000047		
						VCV zz (m ²)	0.000105		

Note Exported file: /storage/emulated/0/Download/c point.pdf

Point	3	ΔX	-3934.079	ΔY	1874.862	ΔZ	3439.379	Code	tr
		Method	Fixed	Type	Rapid point	Search class	Normal		
Antenna height	2.000	Type	Uncorrected	Hz Prec (DRMS)	0.010	Vt Prec (1 sigma)	0.017		
QC 1		Satellites	13	PDOP	1.0	HDOP	0.5	VDOP	0.9
		Base data age	1	RMS	?	Positions used	1		

Point	4	ΔX	-3934.952	ΔY	1879.239	ΔZ	3435.315	Code	St4
		Method	Fixed	Type	Rapid point	Search class	Normal		
Antenna height	2.000	Type	Uncorrected	Hz Prec (DRMS)	0.010	Vt Prec (1 sigma)	0.017		
QC 1		Satellites	13	PDOP	1.0	HDOP	0.5	VDOP	0.9
		Base data age	1	RMS	?	Positions used	1		

Point	5	ΔX	-3803.632	ΔY	1799.361	ΔZ	3401.001	Code	St5
		Method	Fixed	Type	Rapid point	Search class	Normal		
Antenna height	2.000	Type	Uncorrected	Hz Prec (DRMS)	0.010	Vt Prec (1 sigma)	0.017		
QC 1		Satellites	13	PDOP	1.0	HDOP	0.5	VDOP	0.9
		Base data age	1	RMS	?	Positions used	1		

Reduced points

Point	PRS841430578 155	North	101742.141	East	152897.502	Elevation	869.603	Code	
Point	RTCM3774	North	105481.073	East	156506.642	Elevation	846.266	Code	
Point	PRS632283243 579	North	126880.148	East	169509.240	Elevation	784.607	Code	
Point	1	North	105478.947	East	156505.166	Elevation	845.638	Code	st1
Point	2	North	105787.414	East	156699.835	Elevation	838.466	Code	st2
Point	3	North	105681.651	East	156430.692	Elevation	810.391	Code	St3
Point	4	North	105511.573	East	157064.853	Elevation	879.147	Code	St4
Point	5	North	105338.420	East	157488.833	Elevation	864.326	Code	St5