

Project 1624_Davis
Organization Horizon Surveying Co., Inc.
Operator VKB
Created 05/20/2016 08:10:58
Notes Graham Lake - Ellsworth

Receiver Name VKB
Receiver S/N 00227
Receiver ID 1WUDUEO6SZZ9L611LGYHOEA9DT
J-Field Version 2.0.0.219
GNSS FW Version 3.6.5.160420


Coordinate System	NAD83(2011) / Maine CS2000 Central NAVD 88		
Type	Grid System	Epoch	2010.0000
Geodetic Datum			
Semi-major axis	6378137.000m	Inverse flattening	1 / 298.257222101
Prime meridian	00°00'00"		
WGS84(ITRF2008) to NAD83(2011) / NAVD 88 / Maine CS2000 Central zone			
Area	43°39'00"N...47°27'36"N × 070°01'12"W...068°20'24"W		
Geoid			
Geoid model file	g2012au_north.bin		
Transverse Mercator			
Latitude of Origin	43°30'00.00000"N	Central Meridian	069°07'30.00000"W
Scale Factor	0.99998	False Easting	1640416.6667 ft
False Northing	0.0 ft	Semi-major axis	20925604.4742 ft
Flattening	0.003352811	Prime meridian	000°00'00.00000"E
Forward	on		

GNSS1-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		398864.6209 ft	1825652.3022 ft	106.8342 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: GNSS1-01				
WGS84 (ITRF2008) @2005.0000			44°35'31.07650"N	068°24'50.20330"W	22.4396 ft
Base			398864.6209 ft	1825652.3022 ft	106.8342 ft
Local Time	05/20/2016 10:26:44		Time UTC	05/20/2016 14:26:44	
Antenna	JAVTRIUMPH_2A NONE		Vertical Antenna Height		6.6437 ft
Epochs	4294967295	Satellites	10+8	Duration	0.000 sec
Solution	Standalone / RTK	Confidence	——	Consistency	——
HRMS	2.5925 ft	VRMS	4.3273 ft	3DRMS	5.0444 ft
HDOP	0.0000	PDOP	0.0000	GDOP	0.0000
95% Confidence Ellipse		σ _a :4.657 ft	σ _b :4.310 ft	θ:10°39'	σ _h :8.481 ft

Report for Point:	GNSS1-01_AVG [2/2]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VkB
Receiver Name:	VkB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZ9L611LGYH0EA9DT

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2180		@2010.00
		GRID: 398864.6209 1825652.3022 106.8342		
Rover		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2180		@2010.00
		GRID: 398864.6209 1825652.3022 106.8342		
DUR: 0s		Sats: 10+8	UTC: 2016-05-20 14:26:44	
HRMS: 2.593		VRMS: 4.327	3dRMS: 5.044	95% Confidence Ellipse 
σ _h : 8.481				
θ: 10°39'18"		σ _a : 4.657	σ _b : 4.310	
ANT: HGT:6.644ft JAVTRIUMPH_2A NONE				
Point: GNSS1-01_AVG [2/2] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

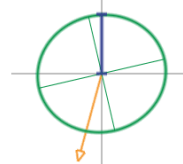
PIPE3_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402255.9869 ft	1826570.4271 ft	111.2829 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: PIPE3, PIPE4				
WGS84 (ITRF2008) @2005.0000			44°36'04.48310"N	068°24'37.10611"W	26.8883 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 16:00:10		Time UTC	05/20/2016 20:00:10	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	1220	Satellites	6+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0135 ft	VRMS	0.0230 ft	3DRMS	0.0266 ft
HDOP	0.9007	PDOP	1.7347	GDOP	2.0580
95% Confidence Ellipse		σ _a :0.024 ft	σ _b :0.022 ft	θ:77°1'	σ _h :0.045 ft

Report for Point:	PIPE3_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183		@2010.00
		GRID: 398864.6205 1825652.3021 106.8345		
Rover		GEO: 44°36'04.44756"N 068°24'37.10006"W 30.6657		@2010.00
		GRID: 402255.9869 1826570.4271 111.2829		
R►B: 195°8'		3513.45	↓-4.45	
DUR: 0s		Sats: 6+6	UTC: 2016-05-20 20:00:10	
HRMS: 0.013		VRMS: 0.023	3dRMS: 0.027	<div>95% Confidence Ellipse</div>
HDOP: 0.901		VDOP: 1.483	PDOP: 1.735	
σ _h : 0.045		TDOP: 1.107	GDOP: 2.058	
θ: 77°1'28"		σ _a : 0.024	σ _b : 0.022	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: PIPE3_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

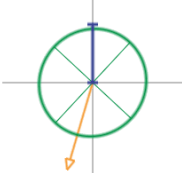


PIPE5_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402147.8795 ft	1826615.6454 ft	110.6306 ft
Page	AVERAGED	Code	DefCode	Tag	—
Notes	Averaged: PIPE5, PIPE6, PIPE7, PIPE8				
WGS84 (ITRF2008) @2005.0000			44°36'03.41176"N	068°24'36.49427"W	26.2379 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 17:14:18		Time UTC	05/20/2016 21:14:18	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	2495	Satellites	6+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	—	Consistency	—
HRMS	0.0095 ft	VRMS	0.0183 ft	3DRMS	0.0206 ft
HDOP	0.9735	PDOP	1.8671	GDOP	2.2261
95% Confidence Ellipse		σ _a :0.017 ft	σ _b :0.016 ft	θ:42°54'	σ _h :0.036 ft

Report for Point:	PIPE5_AVG [2/5]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

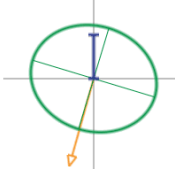
Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183		@2010.00
		GRID: 398864.6205 1825652.3021 106.8345		
Rover		GEO: 44°36'03.37621"N 068°24'36.48822"W 30.0154		@2010.00
		GRID: 402147.8795 1826615.6454 110.6306		
R►B: 196°21'		3421.67	±-3.80	
DUR: 0s		Sats: 6+5	UTC: 2016-05-20 21:14:18	
HRMS: 0.010		VRMS: 0.018	3dRMS: 0.021	<div>95% Confidence Ellipse</div> 
HDOP: 0.974		VDOP: 1.593	PDOP: 1.867	
σ _h : 0.036		TDOP: 1.212	GDOP: 2.226	
θ: 42°54'42"		σ _a : 0.017	σ _b : 0.016	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: PIPE5_AVG [2/5] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

PIPE_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402238.7976 ft	1826596.5176 ft	110.5922 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: PIPE, PIPE1, PIPE2, WIRE10				
WGS84 (ITRF2008) @2005.0000			44°36'04.31112"N	068°24'36.74762"W	26.1984 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 15:52:42		Time UTC	05/20/2016 19:52:42	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	2440	Satellites	6+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0125 ft	VRMS	0.0165 ft	3DRMS	0.0207 ft
HDOP	0.8938	PDOP	1.6705	GDOP	1.9760
95% Confidence Ellipse		σ _a :0.024 ft	σ _b :0.019 ft	θ:286°45'	σ _h :0.032 ft

Report for Point:	PIPE_AVG [4/5]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

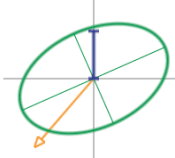
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

Base			
GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183			@2010.00
GRID: 398864.6205 1825652.3021 106.8345			
Rover			
GEO: 44°36'04.27557"N 068°24'36.74156"W 29.9758			@2010.00
GRID: 402238.7976 1826596.5176 110.5922			
R►B: 195°38' 3503.80 ↴-3.76			
DUR: 0s		Sats: 6+5	UTC: 2016-05-20 19:52:42
HRMS: 0.013	VRMS: 0.017	3dRMS: 0.021	95% Confidence Ellipse 
HDOP: 0.894	VDOP: 1.411	PDOP: 1.670	
σ_h: 0.032	TDOP: 1.055	GDOP: 1.976	
θ: 286°45'37"	σ_a: 0.024	σ_b: 0.019	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE			
Point: PIPE_AVG [4/5] DefCode			
Cluster Average			
Project: 1624_Davis		Page: AVERAGED	
			Units: ft

RERF1_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		401145.1049 ft	1827619.3132 ft	135.3868 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: RERF1, RERF2				
WGS84 (ITRF2008) @2005.0000			44°35'53.42348"N	068°24'22.74542"W	51.0277 ft
Base			398864.6209 ft	1825652.3022 ft	106.8342 ft
Local Time	05/20/2016 17:14:18		Time UTC	05/20/2016 21:14:18	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	2163	Satellites	5+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0294 ft	VRMS	0.0379 ft	3DRMS	0.0480 ft
HDOP	0.0000	PDOP	0.0000	GDOP	0.0000
95% Confidence Ellipse		σ _a :0.061 ft	σ _b :0.038 ft	θ:66°12'	σ _h :0.074 ft

Report for Point:	RERF1_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9D

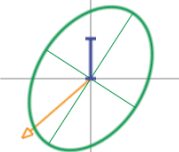
Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2180		@2010.00
		GRID: 398864.6209 1825652.3022 106.8342		
Rover		GEO: 44°35'53.38794"N 068°24'22.73938"W 54.8055		@2010.00
		GRID: 401145.1049 1827619.3132 135.3868		
R►B: 220°46'		3011.60	↓-28.55	
DUR: 0s		Sats: 5+6	UTC: 2016-05-20 21:14:18	
HRMS: 0.029		VRMS: 0.038	3dRMS: 0.048	95% Confidence Ellipse 
σ _h : 0.074				
θ: 66°12'0"		σ _a : 0.061	σ _b : 0.038	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: RERF1_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

RERF_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		400566.7225 ft	1827614.1388 ft	124.6216 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: RERF				
WGS84 (ITRF2008) @2005.0000			44°35'47.71309"N	068°24'22.88732"W	40.2667 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 11:11:55		Time UTC	05/20/2016 15:11:55	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	602	Satellites	7+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0299 ft	VRMS	0.0318 ft	3DRMS	0.0437 ft
HDOP	0.7677	PDOP	1.4894	GDOP	1.6804
95% Confidence Ellipse		σ _a :0.061 ft	σ _b :0.041 ft	θ:32°50'	σ _h :0.062 ft

Report for Point:	RERF_AVG [2/2]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

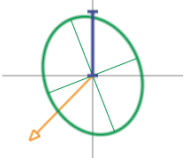
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

Base				@2010.00
GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183				
GRID: 398864.6205 1825652.3021 106.8345				
Rover				@2010.00
GEO: 44°35'47.67754"N 068°24'22.88128"W 44.0447				
GRID: 400566.7225 1827614.1388 124.6216				
R►B: 229°3'		2597.30	±17.79	
DUR: 0s		Sats: 7+5	UTC: 2016-05-20 15:11:55	
HRMS: 0.030		VRMS: 0.032	3dRMS: 0.044	95% Confidence Ellipse 
HDOP: 0.768		VDOP: 1.276	PDOP: 1.489	
σ_h: 0.062		TDOP: 0.778	GDOP: 1.680	
θ: 32°50'41"		σ_a: 0.061	σ_b: 0.041	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: RERF_AVG [2/2] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft



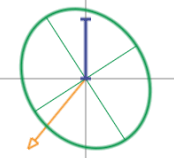
RERF3_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		401360.1752 ft	1828087.3327 ft	139.8485 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: RERF3, RERF4				
WGS84 (ITRF2008) @2005.0000			44°35'55.50630"N	068°24'16.25135"W	55.4999 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 12:37:58		Time UTC	05/20/2016 16:37:58	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	1220	Satellites	7+7	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0118 ft	VRMS	0.0243 ft	3DRMS	0.0270 ft
HDOP	0.7142	PDOP	1.4198	GDOP	1.6118
95% Confidence Ellipse		σ _a :0.023 ft	σ _b :0.018 ft	θ:338°37'	σ _h :0.048 ft

Report for Point:	RERF3_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT

Base				GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183	@2010.00
				GRID: 398864.6205 1825652.3021 106.8345	
Rover				GEO: 44°35'55.47075"N 068°24'16.24531"W 59.2776	@2010.00
				GRID: 401360.1752 1828087.3327 139.8485	
R►B: 224°17'		3486.71	↓-33.01		
DUR: 0s		Sats: 7+7	UTC: 2016-05-20 16:37:58		
HRMS: 0.012		VRMS: 0.024	3dRMS: 0.027	95% Confidence Ellipse	
HDOP: 0.714		VDOP: 1.227	PDOP: 1.420		
σ _h : 0.048		TDOP: 0.763	GDOP: 1.612		
θ: 338°37'54"		σ _a : 0.023	σ _b : 0.018		
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE					
Point: RERF3_AVG [2/3] DefCode					
Cluster Average					
Project: 1624_Davis		Page: AVERAGED		Units: ft	

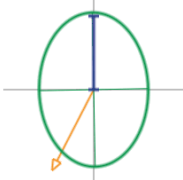
RERF5_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		401570.0456 ft	1827872.4569 ft	145.9676 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: RERF5, RERF6				
WGS84 (ITRF2008) @2005.0000			44°35'57.59724"N	068°24'19.19529"W	61.6119 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 12:49:40		Time UTC	05/20/2016 16:49:40	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	1220	Satellites	7+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0217 ft	VRMS	0.0340 ft	3DRMS	0.0403 ft
HDOP	0.7860	PDOP	1.5135	GDOP	1.7311
95% Confidence Ellipse		σ _a :0.041 ft	σ _b :0.034 ft	θ:327°13'	σ _h :0.067 ft

Report for Point:	RERF5_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT

Base	GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183			@2010.00
	GRID: 398864.6205 1825652.3021 106.8345			
Rover	GEO: 44°35'57.56170"N 068°24'19.18925"W 65.3896			@2010.00
	GRID: 401570.0456 1827872.4569 145.9676			
R►B: 219°22' 3499.77 ↴-39.13				
DUR: 0s		Sats: 7+5	UTC: 2016-05-20 16:49:40	
HRMS: 0.022		VRMS: 0.034	3dRMS: 0.040	<div>95% Confidence Ellipse</div> 
HDOP: 0.786		VDOP: 1.293	PDOP: 1.513	
σ _h : 0.067		TDOP: 0.840	GDOP: 1.731	
θ: 327°13'7"		σ _a : 0.041	σ _b : 0.034	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: RERF5_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis			Page: AVERAGED	Units: ft

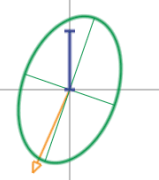
RERF7_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402260.5231 ft	1827402.9313 ft	146.6291 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: RERF7, RERF8				
WGS84 (ITRF2008) @2005.0000			44°36'04.45573"N	068°24'25.60011"W	62.2561 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 13:09:28		Time UTC	05/20/2016 17:09:28	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	1220	Satellites	7+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0279 ft	VRMS	0.0542 ft	3DRMS	0.0610 ft
HDOP	0.8110	PDOP	1.5929	GDOP	1.8249
95% Confidence Ellipse		σ _a :0.056 ft	σ _b :0.039 ft	θ:358°50'	σ _h :0.106 ft

Report for Point:	RERF7_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZ9L611LGYHOEA9D

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183		@2010.00
		GRID: 398864.6205 1825652.3021 106.8345		
Rover		GEO: 44°36'04.42018"N 068°24'25.59406"W 66.0336		@2010.00
		GRID: 402260.5231 1827402.9313 146.6291		
R►B: 207°16'		3820.58	↓-39.79	
DUR: 0s		Sats: 7+5	UTC: 2016-05-20 17:09:28	
HRMS: 0.028		VRMS: 0.054	3dRMS: 0.061	95% Confidence Ellipse 
HDOP: 0.811		VDOP: 1.371	PDOP: 1.593	
σ _h : 0.106		TDOP: 0.891	GDOP: 1.825	
θ: 358°50'24"		σ _a : 0.056	σ _b : 0.039	
ANT: HGT: 5.348ft JAVTRIUMPH_LSA NONE				
Point: RERF7_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

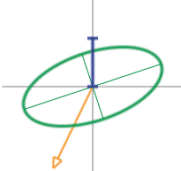
RERF9_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402465.2244 ft	1827252.1207 ft	143.0877 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: RERF9, RERF10				
WGS84 (ITRF2008) @2005.0000			44°36'06.49001"N	068°24'27.65948"W	58.7093 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 13:20:36		Time UTC	05/20/2016 17:20:36	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	1220	Satellites	7+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0243 ft	VRMS	0.0397 ft	3DRMS	0.0465 ft
HDOP	0.9045	PDOP	1.7689	GDOP	2.0566
95% Confidence Ellipse		σ _a :0.050 ft	σ _b :0.032 ft	θ:19°3'	σ _h :0.078 ft

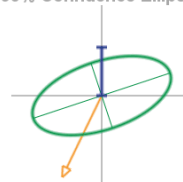
Report for Point:	RERF9_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183		@2010.00
		GRID: 398864.6205 1825652.3021 106.8345		
Rover		GEO: 44°36'06.45446"N 068°24'27.65343"W 62.4867		@2010.00
		GRID: 402465.2244 1827252.1207 143.0877		
R►B: 203°57'		3940.02	↓-36.25	
DUR: 0s		Sats: 7+5	UTC: 2016-05-20 17:20:36	
HRMS: 0.024		VRMS: 0.040	3dRMS: 0.047	95% Confidence Ellipse 
HDOP: 0.904		VDOP: 1.520	PDOP: 1.769	
σ _h : 0.078		TDOP: 1.049	GDOP: 2.057	
θ: 19°3'44"		σ _a : 0.050	σ _b : 0.032	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: RERF9_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

RERF11_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402211.9946 ft	1827276.5512 ft	143.4071 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: RERF11, RERF12				
WGS84 (ITRF2008) @2005.0000			44°36'03.98754"N	068°24'27.35261"W	59.0313 ft
Base			398864.6209 ft	1825652.3022 ft	106.8342 ft
Local Time	05/20/2016 17:14:18		Time UTC	05/20/2016 21:14:18	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	2238	Satellites	6+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0174 ft	VRMS	0.0263 ft	3DRMS	0.0316 ft
HDOP	1.0953	PDOP	2.2617	GDOP	2.6937
95% Confidence Ellipse		σ _a :0.039 ft	σ _b :0.018 ft	θ:71°43'	σ _h :0.052 ft

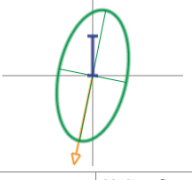
Report for Point:	RERF11_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9D

Base				@2010.00
GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2180				
GRID: 398864.6209 1825652.3022 106.8342				
Rover				@2010.00
GEO: 44°36'03.95200"N 068°24'27.34657"W 62.8087				
GRID: 402211.9946 1827276.5512 143.4071				
R►B: 205°53'		3720.63	↓-36.57	
DUR: 0s		Sats: 6+5	UTC: 2016-05-20 21:14:18	
HRMS: 0.017		VRMS: 0.026	3dRMS: 0.032	95% Confidence Ellipse 
HDOP: 1.095		VDOP: 1.979	PDOP: 2.262	
σ_h: 0.052		TDOP: 1.463	GDOP: 2.694	
θ: 71°43'53"		σ_a: 0.039	σ_b: 0.018	
ANT: HGT: 5.348ft JAVTRIUMPH_LSA NONE				
Point: RERF11_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft



RERF13_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		401985.4176 ft	1826311.0222 ft	103.6741 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: RERF13, RERF14, RERF15, RERF16				
WGS84 (ITRF2008) @2005.0000			44°36'01.83397"N	068°24'40.72388"W	19.2746 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 17:56:46		Time UTC	05/20/2016 21:56:46	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	2440	Satellites	7+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0126 ft	VRMS	0.0166 ft	3DRMS	0.0208 ft
HDOP	0.8435	PDOP	1.6145	GDOP	1.8690
95% Confidence Ellipse		σ _a :0.027 ft	σ _b :0.014 ft	θ:11°20'	σ _h :0.032 ft

Report for Point:	RERF13_AVG [2/5]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZ9L611LGYH0EA9DT

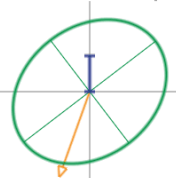
Base				GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183	@2010.00
				GRID: 398864.6205 1825652.3021 106.8345	
Rover				GEO: 44°36'01.79842"N 068°24'40.71782"W 23.0521	@2010.00
				GRID: 401985.4176 1826311.0222 103.6741	
R►B: 191°55'		3189.56	↓3.16		
DUR: 0s		Sats: 7+6	UTC: 2016-05-20 21:56:46		
HRMS: 0.013		VRMS: 0.017	3dRMS: 0.021	95% Confidence Ellipse	
HDOP: 0.843		VDOP: 1.377	PDOP: 1.615		
σ _h : 0.032		TDOP: 0.941	GDOP: 1.869		
θ: 11°20'33"		σ _a : 0.027	σ _b : 0.014		
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE					
Point: RERF13_AVG [2/5] DefCode					
Cluster Average					
Project: 1624_Davis		Page: AVERAGED		Units: ft	

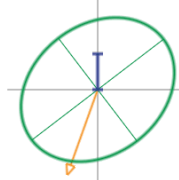
WIRE1_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402313.1256 ft	1826886.3753 ft	130.1236 ft
Page	AVERAGED	Code	DefCode	Tag	—
Notes	Averaged: WIRE1				
WGS84 (ITRF2008) @2005.0000			44°36'05.01993"N	068°24'32.73269"W	45.7369 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 15:04:48		Time UTC	05/20/2016 19:04:48	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	3	Satellites	6+3	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	—	Consistency	—
HRMS	0.0546 ft	VRMS	0.0464 ft	3DRMS	0.0717 ft
HDOP	1.1724	PDOP	2.1254	GDOP	2.5408
95% Confidence Ellipse		σ _a :0.105 ft	σ _b :0.082 ft	θ:52°35'	σ _h :0.091 ft

Report for Point:	WIRE1_AVG [2/2]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

Base				@2010.00
GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183				
GRID: 398864.6205 1825652.3021 106.8345				
Rover				@2010.00
GEO: 44°36'04.98438"N 068°24'32.72664"W 49.5143				
GRID: 402313.1256 1826886.3753 130.1236				
R►B: 199°41'		3662.67	↓-23.29	
DUR: 0s		Sats: 6+3	UTC: 2016-05-20 19:04:48	
HRMS: 0.055		VRMS: 0.046	3dRMS: 0.072	95% Confidence Ellipse 
HDOP: 1.172		VDOP: 1.773	PDOP: 2.125	
σ_h: 0.091		TDOP: 1.392	GDOP: 2.541	
θ: 52°35'13"		σ_a: 0.105	σ_b: 0.082	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: WIRE1_AVG [2/2] DefCode				
Cluster Average				
Project: 1624_Davis			Page: AVERAGED	
			Units: ft	

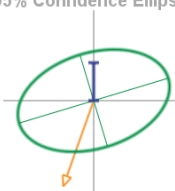


WIRE2_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402306.5879 ft	1826876.1516 ft	129.2775 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE2				
WGS84 (ITRF2008) @2005.0000			44°36'04.95626"N	068°24'32.87477"W	44.8905 ft
Base			398864.6209 ft	1825652.3022 ft	106.8342 ft
Local Time	05/20/2016 17:14:18		Time UTC	05/20/2016 21:14:18	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	511	Satellites	8+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0290 ft	VRMS	0.0300 ft	3DRMS	0.0418 ft
HDOP	0.0000	PDOP	0.0000	GDOP	0.0000
95% Confidence Ellipse		σ _a :0.061 ft	σ _b :0.037 ft	θ:73°15'	σ _h :0.059 ft

Report for Point:	WIRE2_AVG [2/2]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

Base				@2010.00
GEO: 44°35'31.04096"N		068°24'50.19724"W		26.2180
GRID: 398864.6209		1825652.3022		106.8342
Rover				@2010.00
GEO: 44°36'04.92072"N		068°24'32.86872"W		48.6679
GRID: 402306.5879		1826876.1516		129.2775
R►B: 199°34'		3653.07	↓-22.44	
DUR: 0s		Sats: 8+6	UTC: 2016-05-20 21:14:18	
HRMS: 0.029		VRMS: 0.030	3dRMS: 0.042	95% Confidence Ellipse 
σ_h: 0.059				
θ: 73°15'5"		σ_a: 0.061	σ_b: 0.037	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: WIRE2_AVG [2/2] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		
Units: ft				

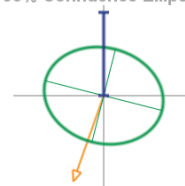
WIRE_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402299.6795 ft	1826869.8750 ft	139.2309 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE				
WGS84 (ITRF2008) @2005.0000			44°36'04.88860"N	068°24'32.96236"W	54.8437 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 14:45:24		Time UTC	05/20/2016 18:45:24	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	316	Satellites	6+4	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0409 ft	VRMS	0.1106 ft	3DRMS	0.1179 ft
HDOP	1.3144	PDOP	2.6759	GDOP	3.2555
95% Confidence Ellipse		σ _a :0.079 ft	σ _b :0.062 ft	θ:284°12'	σ _h :0.217 ft

Report for Point:	WIRE_AVG [2/2]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

Base				@2010.00
GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183				
GRID: 398864.6205 1825652.3021 106.8345				
Rover				@2010.00
GEO: 44°36'04.85305"N 068°24'32.95631"W 58.6212				
GRID: 402299.6795 1826869.8750 139.2309				
R►B: 199°31'		3644.46	↓-32.40	
DUR: 0s		Sats: 6+4	UTC: 2016-05-20 18:45:24	
HRMS: 0.041		VRMS: 0.111	3dRMS: 0.118	95% Confidence Ellipse
HDOP: 1.314		VDOP: 2.331	PDOP: 2.676	
σ_h: 0.217		TDOP: 1.854	GDOP: 3.255	
θ: 284°12'53"		σ_a: 0.079	σ_b: 0.062	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: WIRE_AVG [2/2] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft



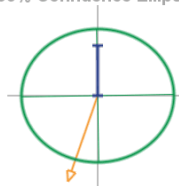
WIRE3_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402286.1612 ft	1826841.3764 ft	126.7394 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE3, WIRE4				
WGS84 (ITRF2008) @2005.0000			44°36'04.75759"N	068°24'33.35786"W	42.3517 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 17:14:18		Time UTC	05/20/2016 21:14:18	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	193	Satellites	8+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0285 ft	VRMS	0.0352 ft	3DRMS	0.0453 ft
HDOP	0.9314	PDOP	1.5913	GDOP	1.8615
95% Confidence Ellipse		σ _a :0.053 ft	σ _b :0.046 ft	θ:89°3'	σ _h :0.069 ft

Report for Point:	WIRE3_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

Base			
GEO:	44°35'31.04096"N	068°24'50.19724"W	26.2183 @2010.00
GRID:	398864.6205	1825652.3021	106.8345
Rover			
GEO:	44°36'04.72204"N	068°24'33.35180"W	46.1291 @2010.00
GRID:	402286.1612	1826841.3764	126.7394
R►B:	199°9'	3622.27	↓-19.90
DUR:	0s	Sats:	8+5 UTC: 2016-05-20 21:14:18
HRMS:	0.028	VRMS:	0.035 3dRMS: 0.045
HDOP:	0.931	VDOP:	1.290 PDOP: 1.591
σ _h :	0.069	TDOP:	0.966 GDOP: 1.861
θ:	89°3'29"	σ _a :	0.053 σ _b : 0.046
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE			
Point: WIRE3_AVG [2/3] DefCode			
Cluster Average			
Project: 1624_Davis		Page: AVERAGED	Units: ft

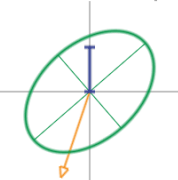


WIRE5_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402242.5142 ft	1826784.5652 ft	118.6133 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE5, WIRE6, WIRE7				
WGS84 (ITRF2008) @2005.0000			44°36'04.33154"N	068°24'34.14829"W	34.2243 ft
Base			398864.6209 ft	1825652.3022 ft	106.8342 ft
Local Time	05/20/2016 17:14:18		Time UTC	05/20/2016 21:14:18	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	144	Satellites	6+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0213 ft	VRMS	0.0268 ft	3DRMS	0.0342 ft
HDOP	0.9134	PDOP	1.7190	GDOP	2.0378
95% Confidence Ellipse		σ _a :0.044 ft	σ _b :0.029 ft	θ:49°5'	σ _h :0.052 ft

Report for Point:	WIRE5_AVG [2/4]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

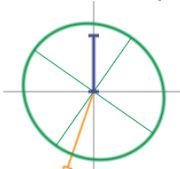
Base				GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2180		@2010.00
				GRID: 398864.6209 1825652.3022 106.8342		
Rover				GEO: 44°36'04.29600"N 068°24'34.14224"W 38.0018		@2010.00
				GRID: 402242.5142 1826784.5652 118.6133		
R►B: 198°31'				3562.61	↓-11.78	
DUR: 0s		Sats: 6+5		UTC: 2016-05-20 21:14:18		
HRMS: 0.021		VRMS: 0.027		3dRMS: 0.034		<div>95% Confidence Ellipse</div> 
HDOP: 0.913		VDOP: 1.456		PDOP: 1.719		
σ _h : 0.052		TDOP: 1.094		GDOP: 2.038		
θ: 49°5'30"		σ _a : 0.044		σ _b : 0.029		
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE						
Point: WIRE5_AVG [2/4] DefCode						
Cluster Average						
Project: 1624_Davis			Page: AVERAGED			
						Units: ft

WIRE8_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402237.8297 ft	1826810.3836 ft	121.3462 ft
Page	AVERAGED	Code	DefCode	Tag	—
Notes	Averaged: WIRE8, WIRE9				
WGS84 (ITRF2008) @2005.0000			44°36'04.28305"N	068°24'33.79204"W	36.9580 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 15:36:55		Time UTC	05/20/2016 19:36:55	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	438	Satellites	7+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	—	Consistency	—
HRMS	0.0219 ft	VRMS	0.0313 ft	3DRMS	0.0382 ft
HDOP	0.8526	PDOP	1.6253	GDOP	1.9182
95% Confidence Ellipse		σ _a :0.040 ft	σ _b :0.036 ft	θ:304°55'	σ _h :0.061 ft

Report for Point:	WIRE8_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)

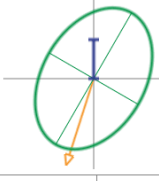
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		

Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT
J-Field Version:	2.0.0.219	GNSS FW Version:	3.6.5.160420

Base			
GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183			@2010.00
GRID: 398864.6205 1825652.3021 106.8345			
Rover			
GEO: 44°36'04.24751"N 068°24'33.78599"W 40.7355			@2010.00
GRID: 402237.8297 1826810.3836 121.3462			
R►B: 198°56' 3566.47 [-14.51]			
DUR: 0s		Sats: 7+5	UTC: 2016-05-20 19:36:55
HRMS: 0.022	VRMS: 0.031	3dRMS: 0.038	<div>95% Confidence Ellipse</div> 
HDOP: 0.853	VDOP: 1.384	PDOP: 1.625	
σ _h : 0.061	TDOP: 1.019	GDOP: 1.918	
θ: 304°55'18"	σ _a : 0.040	σ _b : 0.036	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE			
Point: WIRE8_AVG [2/3] DefCode			
Cluster Average			
Project: 1624_Davis		Page: AVERAGED	Units: ft


WIRE11_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402188.7558 ft	1826712.7599 ft	113.9244 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE11, WIRE12				
WGS84 (ITRF2008) @2005.0000			44°36'03.80696"N	068°24'35.14718"W	29.5340 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 16:37:25		Time UTC	05/20/2016 20:37:25	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	103	Satellites	7+4	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0251 ft	VRMS	0.0267 ft	3DRMS	0.0367 ft
HDOP	1.1064	PDOP	2.0390	GDOP	2.4640
95% Confidence Ellipse		σ _a :0.051 ft	σ _b :0.035 ft	θ:29°59'	σ _h :0.052 ft

Report for Point:	WIRE11_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183		@2010.00
		GRID: 398864.6205 1825652.3021 106.8345		
Rover		GEO: 44°36'03.77141"N 068°24'35.14112"W 33.3115		@2010.00
		GRID: 402188.7558 1826712.7599 113.9244		
R►B: 197°41'		3489.19	↓-7.09	
DUR: 0s		Sats: 7+4	UTC: 2016-05-20 20:37:25	
HRMS: 0.025		VRMS: 0.027	3dRMS: 0.037	<div>95% Confidence Ellipse</div> 
HDOP: 1.106		VDOP: 1.713	PDOP: 2.039	
σ _h : 0.052		TDOP: 1.383	GDOP: 2.464	
θ: 29°59'45"		σ _a : 0.051	σ _b : 0.035	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: WIRE11_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

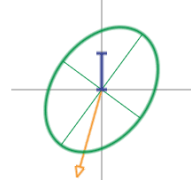
WIRE13_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402209.8205 ft	1826749.0845 ft	116.0044 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE13				
WGS84 (ITRF2008) @2005.0000			44°36'04.01180"N	068°24'34.64261"W	31.6148 ft
Base			398864.6209 ft	1825652.3022 ft	106.8342 ft
Local Time	05/20/2016 17:14:18		Time UTC	05/20/2016 21:14:18	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	675	Satellites	9+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0373 ft	VRMS	0.0473 ft	3DRMS	0.0603 ft
HDOP	0.0000	PDOP	0.0000	GDOP	0.0000
95% Confidence Ellipse		σ _a :0.083 ft	σ _b :0.039 ft	θ:67°50'	σ _h :0.093 ft

Report for Point:	WIRE13_AVG [2/2]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2180		@2010.00
		GRID: 398864.6209 1825652.3022 106.8342		
Rover		GEO: 44°36'03.97626"N 068°24'34.63656"W 35.3922		@2010.00
		GRID: 402209.8205 1826749.0845 116.0044		
R►B: 198°9'		3520.41	↓-9.17	
DUR: 0s		Sats: 9+6	UTC: 2016-05-20 21:14:18	
HRMS: 0.037		VRMS: 0.047	3dRMS: 0.060	95% Confidence Ellipse 
σ _h : 0.093				
θ: 67°50'1"		σ _a : 0.083	σ _b : 0.039	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: WIRE13_AVG [2/2] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

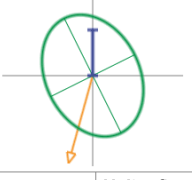
WIRE14_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402133.0961 ft	1826573.0358 ft	109.1280 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE14, WIRE15, WIRE16				
WGS84 (ITRF2008) @2005.0000			44°36'03.26947"N	068°24'37.08494"W	24.7343 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 17:14:18		Time UTC	05/20/2016 21:14:18	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	170	Satellites	6+4	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0156 ft	VRMS	0.0168 ft	3DRMS	0.0229 ft
HDOP	1.1026	PDOP	1.9266	GDOP	2.2953
95% Confidence Ellipse		σ _a :0.031 ft	σ _b :0.022 ft	θ:36°18'	σ _h :0.033 ft

Report for Point:	WIRE14_AVG [2/4]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYHOEA9DT

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183		@2010.00
		GRID: 398864.6205 1825652.3021 106.8345		
Rover		GEO: 44°36'03.23393"N 068°24'37.07888"W 28.5117		@2010.00
		GRID: 402133.0961 1826573.0358 109.1280		
R►B: 195°43'		3395.69	↓-2.29	
DUR: 0s		Sats: 6+4	UTC: 2016-05-20 21:14:18	
HRMS: 0.016		VRMS: 0.017	3dRMS: 0.023	<div>95% Confidence Ellipse</div> 
HDOP: 1.103		VDOP: 1.580	PDOP: 1.927	
σ _h : 0.033		TDOP: 1.248	GDOP: 2.295	
θ: 36°18'23"		σ _a : 0.031	σ _b : 0.022	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: WIRE14_AVG [2/4] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

WIRE17_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402125.5914 ft	1826553.2023 ft	108.8717 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE17, WIRE18, WIRE19, WIRE20				
WGS84 (ITRF2008) @2005.0000			44°36'03.19709"N	068°24'37.35995"W	24.4775 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 17:02:21		Time UTC	05/20/2016 21:02:21	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	126	Satellites	7+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0120 ft	VRMS	0.0173 ft	3DRMS	0.0210 ft
HDOP	0.9735	PDOP	1.7927	GDOP	2.1318
95% Confidence Ellipse		σ _a :0.024 ft	σ _b :0.017 ft	θ:333°34'	σ _h :0.034 ft

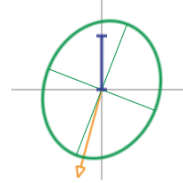
Report for Point:	WIRE17_AVG [2/5]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT

Base				GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183	@2010.00
				GRID: 398864.6205 1825652.3021 106.8345	
Rover				GEO: 44°36'03.16154"N 068°24'37.35390"W 28.2550	@2010.00
				GRID: 402125.5914 1826553.2023 108.8717	
R►B: 195°26'		3383.13	↓-2.04		
DUR: 0s		Sats: 7+5	UTC: 2016-05-20 21:02:21		
HRMS: 0.012		VRMS: 0.017	3dRMS: 0.021	95% Confidence Ellipse	
HDOP: 0.974		VDOP: 1.505	PDOP: 1.793		
σ _h : 0.034		TDOP: 1.153	GDOP: 2.132		
θ: 333°34'38"		σ _a : 0.024	σ _b : 0.017		
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE					
Point: WIRE17_AVG [2/5] DefCode					
Cluster Average					
Project: 1624_Davis		Page: AVERAGED		Units: ft	

WIRE21_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402112.2680 ft	1826529.6122 ft	107.8413 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE21, WIRE22				
WGS84 (ITRF2008) @2005.0000			44°36'03.06758"N	068°24'37.68758"W	23.4466 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 17:10:09		Time UTC	05/20/2016 21:10:09	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	817	Satellites	6+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0180 ft	VRMS	0.0267 ft	3DRMS	0.0322 ft
HDOP	0.9823	PDOP	1.7941	GDOP	2.1274
95% Confidence Ellipse		σ _a :0.034 ft	σ _b :0.028 ft	θ:21°13'	σ _h :0.052 ft

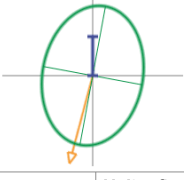
Report for Point:	WIRE21_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W	26.2183	@2010.00
		GRID: 398864.6205 1825652.3021 106.8345		
Rover		GEO: 44°36'03.03203"N 068°24'37.68153"W	27.2241	@2010.00
		GRID: 402112.2680 1826529.6122 107.8413		
R►B:	195°7'	3364.06	±1.01	
DUR:	0s	Sats:	6+5	UTC: 2016-05-20 21:10:09
HRMS:	0.018	VRMS:	0.027	3dRMS: 0.032
HDOP:	0.982	VDOP:	1.501	PDOP: 1.794
σ _h :	0.052	TDOP:	1.143	GDOP: 2.127
θ:	21°13'56"	σ _a :	0.034	σ _b : 0.028
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: WIRE21_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft




WIRE23_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402099.6328 ft	1826511.1031 ft	107.3429 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE23, WIRE24				
WGS84 (ITRF2008) @2005.0000			44°36'02.94442"N	068°24'37.94491"W	22.9478 ft
Base			398864.6209 ft	1825652.3022 ft	106.8342 ft
Local Time	05/20/2016 17:14:18		Time UTC	05/20/2016 21:14:18	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	113	Satellites	8+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0173 ft	VRMS	0.0195 ft	3DRMS	0.0260 ft
HDOP	0.9278	PDOP	1.6555	GDOP	1.9419
95% Confidence Ellipse		σ _a :0.034 ft	σ _b :0.025 ft	θ:10°27'	σ _h :0.038 ft

Report for Point:	WIRE23_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT

Base				GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2180	@2010.00
				GRID: 398864.6209 1825652.3022 106.8342	
Rover				GEO: 44°36'02.90887"N 068°24'37.93886"W 26.7253	@2010.00
				GRID: 402099.6328 1826511.1031 107.3429	
R►B: 194°52'		3347.06	±-0.51		
DUR: 0s		Sats: 8+5	UTC: 2016-05-20 21:14:18		
HRMS: 0.017		VRMS: 0.019	3dRMS: 0.026	95% Confidence Ellipse	
HDOP: 0.928		VDOP: 1.371	PDOP: 1.655		
σ _h : 0.038		TDOP: 1.015	GDOP: 1.942		
θ: 10°27'50"		σ _a : 0.034	σ _b : 0.025		
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE					
Point: WIRE23_AVG [2/3] DefCode					
Cluster Average					
Project: 1624_Davis		Page: AVERAGED		Units: ft	


WIRE25_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402079.1329 ft	1826479.7297 ft	105.8524 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE25, WIRE26				
WGS84 (ITRF2008) @2005.0000			44°36'02.74472"N	068°24'38.38098"W	21.4567 ft
Base			398864.6209 ft	1825652.3022 ft	106.8342 ft
Local Time	05/20/2016 17:23:45		Time UTC	05/20/2016 21:23:45	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	569	Satellites	8+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0182 ft	VRMS	0.0314 ft	3DRMS	0.0363 ft
HDOP	0.7783	PDOP	1.4784	GDOP	1.7164
95% Confidence Ellipse		σ _a :0.036 ft	σ _b :0.026 ft	θ:33°3'	σ _h :0.062 ft

Report for Point:	WIRE25_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZ9L611LGYHOEA9D

Base				GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2180	@2010.00
				GRID: 398864.6209 1825652.3022 106.8342	
Rover				GEO: 44°36'02.70917"N 068°24'38.37492"W 25.2342	@2010.00
				GRID: 402079.1329 1826479.7297 105.8524	
R►B: 194°26'		3319.30	0.98		
DUR: 0s		Sats: 8+6	UTC: 2016-05-20 21:23:45		
HRMS: 0.018		VRMS: 0.031	3dRMS: 0.036	95% Confidence Ellipse	
HDOP: 0.778		VDOP: 1.257	PDOP: 1.478		
σ _h : 0.062		TDOP: 0.872	GDOP: 1.716		
θ: 33°3'13"		σ _a : 0.036	σ _b : 0.026		
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE					
Point: WIRE25_AVG [2/3] DefCode					
Cluster Average					
Project: 1624_Davis		Page: AVERAGED		Units: ft	

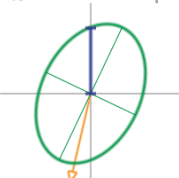
WIRE27_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402039.3879 ft	1826407.6341 ft	105.5654 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE27, WIRE28				
WGS84 (ITRF2008) @2005.0000			44°36'02.35851"N	068°24'39.38216"W	21.1680 ft
Base			398864.6205 ft	1825652.3021 ft	106.8345 ft
Local Time	05/20/2016 17:28:50		Time UTC	05/20/2016 21:28:50	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	156	Satellites	7+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0246 ft	VRMS	0.0288 ft	3DRMS	0.0379 ft
HDOP	0.8326	PDOP	1.6312	GDOP	1.9135
95% Confidence Ellipse		σ _a :0.048 ft	σ _b :0.037 ft	θ:48°27'	σ _h :0.057 ft

Report for Point:	WIRE27_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2183		@2010.00
		GRID: 398864.6205 1825652.3021 106.8345		
Rover		GEO: 44°36'02.32297"N 068°24'39.37611"W 24.9455		@2010.00
		GRID: 402039.3879 1826407.6341 105.5654		
R►B: 193°22'		3263.38	↑1.27	
DUR: 0s		Sats: 7+6	UTC: 2016-05-20 21:28:50	
HRMS: 0.025		VRMS: 0.029	3dRMS: 0.038	95% Confidence Ellipse 
HDOP: 0.833		VDOP: 1.403	PDOP: 1.631	
σ _h : 0.057		TDOP: 1.000	GDOP: 1.913	
θ: 48°27'39"		σ _a : 0.048	σ _b : 0.037	
ANT: HGT:5.348ft JAVTRIUMPH_LSA NONE				
Point: WIRE27_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

WIRE29_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		402026.0650 ft	1826387.3098 ft	104.4812 ft
Page	AVERAGED	Code	DefCode	Tag	——
Notes	Averaged: WIRE29, WIRE30				
WGS84 (ITRF2008) @2005.0000			44°36'02.22872"N	068°24'39.66466"W	20.0834 ft
Base			398864.6209 ft	1825652.3022 ft	106.8342 ft
Local Time	05/20/2016 17:36:09		Time UTC	05/20/2016 21:36:09	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.3478 ft
Epochs	235	Satellites	8+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	——	Consistency	——
HRMS	0.0206 ft	VRMS	0.0381 ft	3DRMS	0.0433 ft
HDOP	0.7878	PDOP	1.4271	GDOP	1.6444
95% Confidence Ellipse		σ _a :0.042 ft	σ _b :0.028 ft	θ:25°26'	σ _h :0.075 ft

Report for Point:	WIRE29_AVG [2/3]	Page:	AVERAGED
Description:	Cluster Average		
Code:	DefCode	ShapeTag:	(N/A)
Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:	0.0 s		
Receiver Information			
Organization:	Horizon Surveying Co., Inc.	Operator:	VKB
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZZ9L611LGYH0EA9DT

Base		GEO: 44°35'31.04096"N 068°24'50.19724"W 26.2180		@2010.00
		GRID: 398864.6209 1825652.3022 106.8342		
Rover		GEO: 44°36'02.19318"N 068°24'39.65860"W 23.8609		@2010.00
		GRID: 402026.0650 1826387.3098 104.4812		
R►B: 193°5'		3245.76	↓2.35	
DUR: 0s		Sats: 8+6	UTC: 2016-05-20 21:36:09	
HRMS: 0.021		VRMS: 0.038	3dRMS: 0.043	<div>95% Confidence Ellipse</div> 
HDOP: 0.788		VDOP: 1.190	PDOP: 1.427	
σ _h : 0.075		TDOP: 0.817	GDOP: 1.644	
θ: 25°26'24"		σ _a : 0.042	σ _b : 0.028	
ANT: HGT: 5.348ft JAVTRIUMPH_LSA NONE				
Point: WIRE29_AVG [2/3] DefCode				
Cluster Average				
Project: 1624_Davis		Page: AVERAGED		Units: ft

