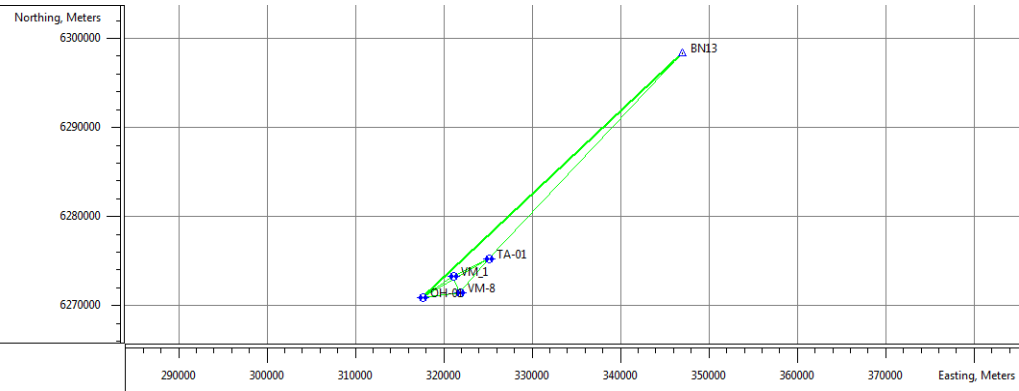


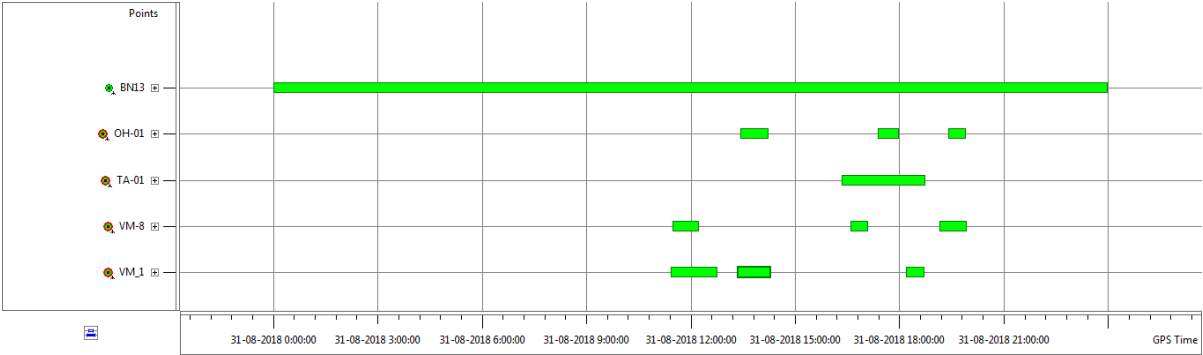


Project

Project name: talag_1.ttp
Project folder: C:\Users\Claudio\Documents\Topcon Tools Jobs
Created by: MENSUTERRA EIRL
Comment: MENSURAS
Linear unit: Meters
Angular unit: DMS
Projection: UTMSouth-Zone_19 : 72W to 66W
Datum: WGS84
Geoid: EGM96
Time Zone: GMT Standard Time
Adjustment

Adjusted Components Count: 2
Control Tie Analysis: success
Adjustment type: Plane + Height, Minimal constraint
Confidence level: 95 %
Number of adjusted points: 5
Number of plane control points: 1
Number of used GPS vectors: 8
A posteriori plane or 3D UWE: 3.283524 , Bounds: (0.5220153 , 1.480287)
Number of height control points: 1
A posteriori height UWE: 3.141582 , Bounds: (0.3478505 , 1.668832)
Control Tie Analysis: success
Adjustment type: Plane + Height, Minimal constraint
Confidence level: 95 %
Number of adjusted points: 5
Number of plane control points: 1
Number of used GPS vectors: 10
A posteriori plane or 3D UWE: 2.689143 , Bounds: (0.6055301 , 1.394633)
Number of height control points: 1
A posteriori height UWE: 2.571645 , Bounds: (0.4546061 , 1.551881)





Point Summary						
Name	Latitude	Longitude	Grid Northing (m)	Grid Easting (m)	Elevation (Datum) (m)	Control
BN13	33°26'35.7477"S	70°38'47.1931"W	6298359.090	346961.542	616.798	Both
OH-01	33°41'09.9884"S	70°58'07.7834"W	6270907.356	317502.978	300.882	None
TA-01	33°38'54.6553"S	70°53'11.2012"W	6275218.767	325064.384	383.110	None
VM-8	33°40'53.9456"S	70°55'20.8686"W	6271482.538	321792.151	332.406	None
VM_1	33°39'53.7350"S	70°55'47.6238"W	6273324.450	321068.469	334.176	None

no data met

GPS Observations											
Name	Distance (m)	Solution Type	Duration	Epochs	GPS Satellites	GLONASS Satellites	PDP	North RMS(m)	East RMS(m)	Vertical RMS (m)	Horizontal RMS (m)
BN13-OH-01	40272.729	Fixed, Wide Lane	00:30:35	367	12	10	2.068	0.006	0.007	0.031	0.010
BN13-OH-01	40272.718	Fixed, Wide Lane	00:49:15	591	11	9	1.593	0.014	0.009	0.022	0.017
BN13-OH-01	40272.727	Fixed, Wide Lane	00:36:30	438	10	10	1.470	0.009	0.008	0.025	0.012
BN13-TA-01	31863.820	Fixed, Wide Lane	02:24:10	1730	12	12	1.679	0.008	0.007	0.019	0.010
OH-01-TA-01	8705.138	Fixed	00:36:30	438	10	10	1.512	0.004	0.003	0.009	0.005
OH-01-VM-8	4327.912	Fixed	00:30:35	367	11	9	2.235	0.001	0.001	0.005	0.002
OH-01-VM_1	4307.908	Fixed	00:49:15	591	11	9	1.617	0.002	0.001	0.003	0.002
TA-01-VM-8	4967.207	Fixed	00:31:00	372	9	7	2.093	0.002	0.002	0.006	0.003
TA-01-VM_1	4422.799	Fixed	00:32:10	386	9	9	1.848	0.002	0.001	0.005	0.002
VM-8-VM_1	1979.111	Fixed	00:46:40	560	12	9	1.928	0.001	0.001	0.004	0.002

Loop Closures							
Loop	dHz (m)	dU (m)	Horz Tolerance (m)	Vert Tolerance (m)	dHz (ppm)	dU (ppm)	Length (m)
OH-01-TA-01(31-08-2018 17:23:20) OH-01-VM_1(31-08-2018 13:25:45) TA-01-VM_1(31-08-2018 18:11:55)	0.018	0.0177	0.1172	0.1472	1.03	1.01	17435.8449
OH-01-TA-01(31-08-2018 17:23:20)	0.0201	0.0059	0.4342	0.4642	0.25	0.07	80841.6758

BN13-OH-01(31-08-2018 13:25:45) BN13-TA-01(31-08-2018 16:20:25)							
OH-01-TA-01(31-08-2018 17:23:20) BN13-OH-01(31-08-2018 17:23:20) BN13-TA-01(31-08-2018 16:20:25)	0.0091	0.0137	0.4342	0.4642	0.11	0.17	80841.6856
OH-01-TA-01(31-08-2018 17:23:20) BN13-OH-01(31-08-2018 19:24:55) BN13-TA-01(31-08-2018 16:20:25)	0.0079	0.0033	0.4342	0.4642	0.1	0.04	80841.687
TA-01-VM-8(31-08-2018 16:35:25) OH-01-TA-01(31-08-2018 17:23:20) OH-01-VM-8(31-08-2018 19:24:55)	0.0147	0.0677	0.12	0.15	0.82	3.76	18000.2567
VM-8-VM_1(31-08-2018 11:28:25) OH-01-VM-8(31-08-2018 19:24:55) OH-01-VM_1(31-08-2018 13:25:45)	0.0145	0.0096	0.0831	0.1131	1.37	0.9	10614.931
VM-8-VM_1(31-08-2018 11:28:25) TA-01-VM-8(31-08-2018 16:35:25) TA-01-VM_1(31-08-2018 18:11:55)	0.0266	0.0405	0.0868	0.1168	2.34	3.56	11369.117

Point Summary				
Name	Grid Northing (m)	Grid Easting (m)	Elevation (m)	Code
BN13	6298359.090	346961.542	616.798	
OH-01	6270907.356	317502.978	300.882	
TA-01	6275218.767	325064.384	383.110	
VM-8	6271482.538	321792.151	332.406	
VM_1	6273324.450	321068.469	334.176	