



Fieldbook Report

06/30/2006 14:21:13

Job Information

Job name: 0610105
Created: 05/26/2006 09:22:02
Time zone: 1h 00'
Coordinate system name: Dravograd5
Application software: LEICA Geo Office 2.0
Firmware version: 2.14
Average limit (Position): 0.0750 m
Average limit (Height): 0.0750 m

Coordinate System Information

Coordinate system name: Dravograd5
Created: 05/26/2006 09:21:46
Transformation name: Dravograd5
Transformation type: Classical 3D
Height mode: Orthometric
Residuals: No distribution
Local Ellipsoid: Bessel 1841
Projection: SLO Gauss-Krueger 1
Geoid model: -
CSCS model: -

Transformation details

3D-Helmert transformation

Number of common points: 8
Transformation model: Bursa-Wolf

No.	Parameter	Value
1	Shift dX	-538.7899 m
2	Shift dY	-231.9883 m
3	Shift dZ	-302.1066 m
4	Rotation about X	4.41513 "
5	Rotation about Y	-2.49671 "
6	Rotation about Z	-17.50099 "
7	Scale	-20.9668 ppm

Residuals

Cartesian:

System A	System B	Point type	dX [m]	dY [m]	dZ [m]
300014	300014	Position + height	0.0383 m	0.0472 m	-0.0128 m
300189	300189	Position + height	-0.0033 m	-0.0809 m	-0.0175 m
400018	400018	Position + height	-0.0452 m	-0.0459 m	0.0019 m
400019	400019	Position + height	0.0140 m	0.0149 m	-0.0278 m
500056	500056	Position + height	-0.0326 m	-0.0030 m	0.0241 m
500057	500057	Position + height	-0.0191 m	0.0233 m	-0.0136 m
500062	500062	Position + height	0.0189 m	0.0273 m	0.0368 m

500065	500065	Position + height	0.0290 m	0.0170 m	0.0089 m
--------	--------	-------------------	----------	----------	----------

Grid:

System A	System B	Point type	dE [m]	dN [m]	dHgt [m]
300014	300014	Position + height	0.0356 m	-0.0446 m	0.0246 m
300189	300189	Position + height	-0.0773 m	0.0055 m	-0.0292 m
400018	400018	Position + height	-0.0326 m	0.0417 m	-0.0369 m
400019	400019	Position + height	0.0108 m	-0.0318 m	-0.0082 m
500056	500056	Position + height	0.0056 m	0.0400 m	-0.0047 m
500057	500057	Position + height	0.0274 m	-0.0003 m	-0.0185 m
500062	500062	Position + height	0.0215 m	0.0069 m	0.0442 m
500065	500065	Position + height	0.0089 m	-0.0175 m	0.0287 m

List of identical points

System A:

WGS 84 Cartesian:

	X [m]	Y [m]	Z [m]
300014	4240443.3280	1141924.3099	4611222.9223
300189	4239977.6155	1136984.9199	4612954.6556
400018	4241751.9897	1138842.1754	4610338.4034
400019	4241093.3082	1137848.5655	4611135.9848
500056	4241882.6444	1137460.5416	4610313.4759
500057	4241641.1215	1136989.7468	4610654.6930
500062	4241526.7096	1135821.6303	4611077.7551
500065	4241602.0391	1136318.8143	4610881.5162

Local Grid (Transf.):

	Easting [m]	Northing [m]	Hgt [m]
300014	505874.0757	160688.4955	844.5446
300189	501224.5727	163133.1855	913.1708
400018	502559.2474	159741.8917	520.5661
400019	501770.0808	160938.7383	485.7698
500056	501191.1656	159892.7400	343.1253
500057	500798.9674	160385.1197	346.8816
500062	499700.4315	160975.6069	370.5542
500065	500161.1089	160694.4825	366.3787

System B:

Local Cartesian:

	X [m]	Y [m]	Z [m]
300014	4239774.4951	1142126.8162	4610748.3751
300189	4239309.2739	1137187.6554	4612480.1881
400018	4241083.4636	1139044.9315	4609863.9102
400019	4240424.8306	1138051.2428	4610661.5338
500056	4241214.2199	1137663.2943	4609838.9890
500057	4240972.7327	1137192.4700	4610180.2496
500062	4240858.3893	1136024.3732	4610603.2788
500065	4240933.6626	1136521.5593	4610407.0605

Local Grid:

	Easting [m]	Northing [m]	Hgt [m]
300014	505874.0400	160688.5400	844.5200
300189	501224.6500	163133.1800	913.2000
400018	502559.2800	159741.8500	520.6030
400019	501770.0700	160938.7700	485.7780
500056	501191.1600	159892.7000	343.1300
500057	500798.9400	160385.1200	346.9000
500062	499700.4100	160975.6000	370.5100

500065

500161.1000

160694.5000

366.3500