



Fieldbook Report

06/30/2006 14:17:31

Job Information

Job name: 0610080
Created: 05/15/2006 14:13:29
Time zone: 1h 00'
Coordinate system name: Legen1
Application software: LEICA Geo Office 2.0
Firmware version: 2.14
Average limit (Position): 0.0500 m
Average limit (Height): 0.0750 m

Coordinate System Information

Coordinate system name: Legen1
Created: 06/09/2006 06:02:10
Transformation name: Legen1
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: 4
Transformation model: Bursa-Wolf

No.	Parameter	Value
1	Shift dX	-451.9167 m
2	Shift dY	-419.6249 m
3	Shift dZ	-312.8409 m
4	Rotation about X	11.39968 "
5	Rotation about Y	0.48252 "
6	Rotation about Z	-19.17557 "
7	Scale	-23.4542 ppm

Residuals

Cartesian:

System A	System B	Point type	dX [m]	dY [m]	dZ [m]
100372	100372	Position + height	0.0099 m	0.0437 m	0.0020 m
300147	300147	Position + height	0.0785 m	0.0132 m	0.0060 m
320161	320161	Position + height	0.0005 m	0.0003 m	-0.0288 m
500013	500013	Position + height	-0.0889 m	-0.0572 m	0.0208 m

Grid:

System A	System B	Point type	dE [m]	dN [m]	dHgt [m]
100372	100372	Position + height	0.0396 m	-0.0139 m	0.0159 m
300147	300147	Position + height	-0.0077 m	-0.0533 m	0.0589 m
320161	320161	Position + height	0.0002 m	-0.0202 m	-0.0205 m
500013	500013	Position + height	-0.0321 m	0.0874 m	-0.0543 m

List of identical points

System A:

WGS 84 Cartesian:

	X [m]	Y [m]	Z [m]
100372	4244884.5791	1153155.6880	4605345.1333
300147	4246888.2161	1145025.0058	4603982.8436
320161	4243228.9996	1142930.9512	4608298.5514
500013	4247521.0531	1147326.2297	4602872.6266

Local Grid (Transf.):

	Easting [m]	Northing [m]	Hgt [m]
100372	515569.4396	151424.6062	1542.7259
300147	507201.4224	150609.5167	424.1259
320161	506125.5402	156535.7898	750.3395
500013	509260.0678	148970.2373	452.1957

System B:

Local Cartesian:

	X [m]	Y [m]	Z [m]
100372	4244215.0757	1153358.1037	4604870.4684
300147	4246219.3561	1145227.7537	4603508.6606
320161	4242560.4880	1143133.6595	4607824.4092
500013	4246852.1344	1147528.9915	4602398.3292

Local Grid:

	Easting [m]	Northing [m]	Hgt [m]
100372	515569.4000	151424.6200	1542.7100
300147	507201.4300	150609.5700	424.0670
320161	506125.5400	156535.8100	750.3600
500013	509260.1000	148970.1500	452.2500