



# Fieldbook Report

06/30/2006 14:58:03

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## Job Information

Job name: 0611075  
Created: 05/22/2006 07:13:06  
Time zone: 1h 00'  
Coordinate system name: Golavabuka1  
Application software: LEICA Geo Office 2.0  
Firmware version: 2.14  
Average limit (Position): 0.0500 m  
Average limit (Height): 0.0750 m

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## Coordinate System Information

Coordinate system name: Golavabuka1  
Created: 05/22/2006 18:14:14  
Transformation name: Golavabuka1  
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: 5  
Transformation model: Bursa-Wolf

No.	Parameter	Value
1	Shift dX	-209.6180 m
2	Shift dY	-284.4950 m
3	Shift dZ	-603.7172 m
4	Rotation about X	1.50556 "
5	Rotation about Y	11.07510 "
6	Rotation about Z	-23.13049 "
7	Scale	-19.6275 ppm

## Residuals

### Cartesian:

System A	System B	Point type	dX [m]	dY [m]	dZ [m]
100372	100372	Position + height	-0.0521 m	0.0461 m	0.0512 m
400289	400289	Position + height	0.0617 m	-0.0754 m	-0.0006 m
400290	400290	Position + height	-0.0736 m	-0.0304 m	0.0127 m
500013	500013	Position + height	0.0979 m	0.0921 m	-0.0838 m
500033	500033	Position + height	-0.0339 m	-0.0325 m	0.0204 m

### Grid:

System A	System B	Point type	dE [m]	dN [m]	dHgt [m]
100372	100372	Position + height	0.0582 m	0.0629 m	0.0109 m
400289	400289	Position + height	-0.0889 m	-0.0292 m	0.0270 m
400290	400290	Position + height	-0.0101 m	0.0660 m	-0.0452 m
500013	500013	Position + height	0.0634 m	-0.1436 m	0.0209 m
500033	500033	Position + height	-0.0225 m	0.0440 m	-0.0136 m

## List of identical points

### System A:

WGS 84 Cartesian:		
X [m]	Y [m]	Z [m]
100372	4244884.5791	1153155.6880
400289	4248906.7723	1151093.6019
400290	4248461.9211	1149206.9263
500013	4247521.0531	1147326.2297
500033	4249150.3084	1150216.6299

Local Grid (Transf.):		
Easting [m]	Northing [m]	Hgt [m]
100372	515569.4580	151424.6830
400289	512539.9412	145859.2506
400290	510833.0398	147075.2160
500013	509260.1636	148970.0065
500033	511630.0574	145820.4639

### System B:

Local Cartesian:		
X [m]	Y [m]	Z [m]
100372	4244215.0757	1153358.1037
400289	4248237.5519	1151296.5974
400290	4247793.0133	1149409.8698
500013	4246852.1344	1147528.9915
500033	4248481.2798	1150419.6267

Local Grid:		
Easting [m]	Northing [m]	Hgt [m]
100372	515569.4000	151424.6200
400289	512540.0300	145859.2800
400290	510833.0500	147075.1500
500013	509260.1000	148970.1500
500033	511630.0800	145820.4200