



# Fieldbook Report

02/07/2006 12:16:09

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## Job Information

Job name: 0510264  
Created: 11/12/2005 07:22:58  
Time zone: 1h 00'  
Coordinate system name: Kastivnik1  
Application software: LEICA Geo Office 2.0  
Firmware version: 2.14  
Codelist name: Geoservis  
Average limit (Position): 0.0750 m  
Average limit (Height): 0.0750 m

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## Coordinate System Information

Coordinate system name: Kastivnik1  
Created: 01/18/2006 07:31:09  
Transformation name: Kastivnik1  
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	-598.0956 m
2	Shift dY	-344.7009 m
3	Shift dZ	-166.5366 m
4	Rotation about X	8.45464 "
5	Rotation about Y	-6.65133 "
6	Rotation about Z	-18.91987 "
7	Scale	-26.9006 ppm

## Residuals

### Cartesian:

System A	System B	Point type	dX [m]	dY [m]	dZ [m]
100372	100372	Position + height	-0.0901 m	-0.0086 m	0.0907 m
220092	220092	Position + height	0.1552 m	0.0290 m	0.0243 m
320161	320161	Position + height	-0.0043 m	-0.0568 m	-0.0390 m
320238	320238	Position + height	-0.0608 m	0.0364 m	-0.0760 m

### Grid:

System A	System B	Point type	dE [m]	dN [m]	dHgt [m]
100372	100372	Position + height	0.0153 m	0.1271 m	0.0044 m
220092	220092	Position + height	-0.0127 m	-0.0976 m	0.1258 m
320161	320161	Position + height	-0.0537 m	-0.0131 m	-0.0413 m
320238	320238	Position + height	0.0511 m	-0.0166 m	-0.0889 m

## List of identical points

### System A:

#### WGS 84 Cartesian:

	X [m]	Y [m]	Z [m]
100372	4244884.5791	1153155.6880	4605345.1333
220092	4239619.4160	1152753.6626	4609253.8214
320161	4243228.9996	1142930.9512	4608298.5514
320238	4238922.3263	1157386.2850	4608702.5936

#### Local Grid (Transf.):

	Easting [m]	Northing [m]	Hgt [m]
100372	515569.4150	151424.7471	1542.7144
220092	516544.9975	157878.4124	812.2858
320161	506125.4863	156535.7969	750.3187
320238	521199.1612	157118.1036	786.7911

### System B:

#### Local Cartesian:

	X [m]	Y [m]	Z [m]
100372	4244215.0757	1153358.1037	4604870.4684
220092	4238949.9718	1152955.7288	4608779.3040
320161	4242560.4880	1143133.6595	4607824.4092
320238	4238252.6742	1157588.1326	4608228.0239

#### Local Grid:

	Easting [m]	Northing [m]	Hgt [m]
100372	515569.4000	151424.6200	1542.7100
220092	516545.0100	157878.5100	812.1600
320161	506125.5400	156535.8100	750.3600
320238	521199.1100	157118.1200	786.8800