

## Least Squares Fit Report File

Report Generated: Mon Feb 26 13:25:06 2001

Active Design File: U:\Projekte\LWN\_Amt\_Seftigen\scannen\Riggisberg\_879\riggbaa.dgn

Active Raster File: u:\projekte\lwn\_amt\_seftigen\scannen\riggisberg\_879\l\_s.cit

Transformation Type: Affine

Order: 1

$$x' = a_0 + a_1 x + a_2 y + a_3 x^2 + a_4 xy + a_5 y^2 + \dots$$

$$y' = b_0 + b_1 x + b_2 y + b_3 x^2 + b_4 xy + b_5 y^2 + \dots$$

where

x and y are coordinates in the input raster file and

x' and y' are the output coordinates in uors

i	Coefficients	
	a <sub>i</sub>	b <sub>i</sub>
0	6.008473e+008	1.844253e+008
1	1.120053e+001	2.545348e+004
2	2.539583e+004	5.586960e+001

## Review Statistics

```

Degree of Freedom:          20
RMS of Residual Norms:      2.289510e-001
Std. Dev. of Residual Norms : 1.160830e-001
Standard Error:             4.127474e-002

```

## List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	1.548828e-001	-1.285273e-002	1.554152e-001
2	9.048712e-002	1.926014e-001	2.127985e-001
3	-1.798125e-001	4.135721e-002	1.845073e-001
4	7.688311e-002	4.690892e-002	9.006364e-002
5	-2.869750e-001	2.718579e-001	3.952991e-001
6	-1.324397e-002	-5.699164e-003	1.441816e-002
7	-9.773543e-002	-2.058850e-001	2.279053e-001
8	-2.021615e-001	-3.345768e-002	2.049114e-001
9	-9.889253e-002	-1.346775e-001	1.670861e-001
10	2.601829e-001	2.454516e-002	2.613381e-001
11	-1.111648e-001	1.574525e-002	1.122743e-001
12	4.334140e-001	-6.840282e-002	4.387786e-001
13	-2.586425e-002	-1.320409e-001	1.345502e-001

## Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601648.018000	184572.582000	601648.200000	184571.090000
2	601863.992000	184843.372000	601864.360000	184843.340000
3	601748.977000	185058.657000	601749.100000	185058.840000
4	601321.437000	185154.786000	601321.600000	185154.310000
5	601114.618000	184810.816000	601114.140000	184809.120000
6	601085.998000	184932.307000	601085.830000	184930.620000
7	601476.109000	184653.720000	601475.970000	184651.890000
8	601286.482000	184962.696000	601286.260000	184961.510000
9	601523.006000	185029.275000	601523.060000	185028.700000
10	601734.354000	184700.327000	601734.750000	184699.430000
11	601478.494000	184850.826000	601478.430000	184849.790000
12	600999.699000	185101.453000	601000.000000	185100.000000
13	601623.552000	184893.392000	601623.680000	184892.650000