

## Least Squares Fit Report File

Report Generated: Mon Feb 26 09:28:35 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\27\_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	6.002368e+008	1.837011e+008
1	5.064250e+001	2.571540e+004
2	2.573014e+004	5.491262e+001

## Review Statistics

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Degree of Freedom:          20
RMS of Residual Norms:     1.884886e-001
Std. Dev. of Residual Norms : 9.126317e-002
Standard Error:           3.398027e-002
```

## List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-8.618609e-002	6.236415e-002	1.063829e-001
2	-1.155579e-001	-5.395927e-002	1.275352e-001
3	-2.622426e-001	6.457135e-002	2.700753e-001
4	-6.219006e-002	-1.690976e-001	1.801711e-001
5	-2.720421e-003	6.779894e-003	7.305317e-003
6	2.896965e-001	-2.850905e-002	2.910959e-001
7	2.468900e-001	-6.327848e-002	2.548702e-001
8	1.310905e-001	1.895358e-001	2.304529e-001
9	-7.859948e-002	-6.259511e-002	1.004790e-001
10	9.491339e-002	2.102189e-002	9.721354e-002
11	-5.106228e-002	-4.275117e-002	6.659594e-002
12	1.610139e-001	-6.626211e-004	1.610152e-001
13	-2.650454e-001	7.658024e-002	2.758869e-001

## Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600406.906000	184401.780000	600406.930000	184401.760000
2	600737.612000	184531.704000	600738.600000	184532.490000
3	600782.619000	183821.664000	600782.160000	183821.490000
4	600882.289000	183850.966000	600882.310000	183850.820000
5	600896.178000	184125.007000	600896.830000	184125.520000
6	600894.856000	184374.692000	600896.290000	184375.580000
7	600585.995000	184147.683000	600586.250000	184147.500000
8	600793.749000	184040.593000	600794.140000	184040.930000
9	600644.925000	184317.076000	600645.320000	184317.300000
10	600734.375000	184204.088000	600734.920000	184204.400000
11	600567.058000	184490.965000	600567.650000	184491.330000
12	600764.337000	184328.350000	600765.260000	184328.910000
13	600898.867000	184498.793000	600900.000000	184500.000000