

STROJNÍ VÝPOČTY

k PDPS objektu SO 101

Atelier PROMIKA s.r.o.

PROGRAMOVÝ SYSTÉM R O A D P A C - program RP12 16000 Praha 6, Muchova 9

SMĚROVÝ VÝPOČET DO KRUŽNIC

Verze: 2015
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Datum zadání: 14.12.2016

Datum výpočtu: 14.12.2016

Projekt: KOUNBRID KOUNBRIDSP
Trasa: 101.V12 101 - HLAVNÍ TRASA

Systém úhlů: grady

Kontrolní opis vstupních údajů											
Typ	D1	D2	DL	R	A1 (-L1)	A2 (-L2)	IB1	Y1	X1	IB2	Y2
X2											
1	.000	.000	.000	855.000	.000	.000	1	712048.018	1041687.981	2	712022.177
1042131.293											
2	.000	.000	.000	.000	.000	.000	0	.000	.000	3	712033.186
1042183.433											
1	.000	.000	.000	-530.000	.000	.000	4	712045.114	1042243.932	5	712051.605
1042296.782											
3	.000	.000	.000	-1060.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	-530.000	.000	.000	6	712038.373	1042467.541	7	711999.733
1042586.407											
3	.000	.000	.000	-705.250	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	8	711919.948	1042724.574	9	711893.767
1042763.550											
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	9	711893.767	1042763.550	10	711872.582
1042798.808											
3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	10	711872.582	1042798.808	11	711831.804
1042857.930											
3	.000	.000	.000	2000.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	11	711831.804	1042857.930	12	711775.997
1042939.698											
3	.000	.000	.000	-2000.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	-80.000	12	711775.997	1042939.698	13	711693.220
1043059.079											
3	.000	.000	.000	900.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	13	711693.220	1043059.079	14	711620.893
1043202.250											
3	.000	.000	.000	-1000.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	14	711620.893	1043202.250	15	711576.764
1043276.504											
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	15	711576.764	1043276.504	16	711550.010
1043324.189											
3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	16	711550.010	1043324.189	17	711512.089
1043389.392											
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	17	711512.089	1043389.392	18	711457.854
1043511.639											
3	.000	.000	.000	-2500.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	18	711457.854	1043511.639	19	711400.890
1043626.570											
3	.000	.000	.000	2500.000	.000	.000	0	.000	.000	0	.000
.000											

1	.000	.000	.000	.000	.000	.000	19	711400.890	1043626.570	20	711379.283
1043673.189											
2	.000	.000	.000	300.000	.000	.000	0	.000	.000	24	711359.699
1043730.881											
2	.000	.000	.000	130.000	.000	.000	0	.000	.000	23	711359.389
1043792.943											
1	.000	.000	.000	-1685.000	.000	.000	100	711357.415	1043793.087	25	711363.635
1043878.635											
2	.000	.000	.000	-410.000	.000	.000	0	.000	.000	26	711359.624
1043967.423											
1	.000	.000	.000	-74.000	.000	.000	27	711359.300	1043967.383	28	711338.513
1044011.787											
1	.000	.000	.000	.000	.000	.000	29	711333.785	1044016.904	30	711250.859
1044096.853											
3	.000	.000	.000	5000.000	.000	.000	0	.000	.000	0	.000
.000											
1	.000	.000	.000	.000	.000	.000	30	711250.859	1044096.853	31	711207.602
1044139.296											
1	.000	.000	.000	55.500	.000	.000	32	711194.212	1044153.315	33	711183.143
1044210.810											
1	.000	.000	.000	-1200.000	.000	.000	34	711187.093	1044222.889	35	711206.146
1044281.376											

* Vytvořen výstupní soubor Hlavní body směru s názvem 101.SHB
 * Akce: KOUNBRIDSP
 * Trasa: 101 - HLAVNI TRASA
 * Datum vzniku 14.12.2016 programem RP12
 * Datum posl. zápisu 14.12.2016 programem RP12
 * Soubor .SHB nového typu

Údaje o hlavních bodech směrového vedení trasy											
CB IND	STA	YH	XH	sigmah	R	YS	XS				
CV TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2 (VZP)		
alfat											
1 OK -7.417099 712048.018 1041687.981 379.56942 855.000 712859.366 1041957.684											
1 kružnice 452.398 .000 .000 .000000 .000 711974.953 1041907.784 231.629 30.820											
33.68488											
2 KT -6.964701 712022.830 1042134.410 13.25430 .000 .000 .000											
0 tečna 53.129 .000 .000 .000000 .000 .000 .000 .000 .000											
.00000											
3 TP -6.911572 712033.811 1042186.392 13.25430 .000 .000 .000											
2 klotoida 79.410 712033.811 1042186.392 13.25430 205.151 712044.756 1042238.204 52.955 26.484											
-4.76922											
4 PK -6.832162 712048.276 1042264.453 8.48508 -530.000 711522.976 1042334.884											
2 kružnice 135.341 .000 .000 .000000 .000 712057.318 1042331.890 68.040 -4.350											
-16.25670											
5 KK -6.696822 712049.032 1042399.424 392.22838 -1060.000 710996.921 1042270.344											
2 kružnice 59.445 .000 .000 .000000 .000 712045.412 1042428.933 29.730 -.417											
-3.57018											
6 KK -6.637377 712040.143 1042458.193 388.65820 -530.000 711518.532 1042364.269											
2 kružnice 103.836 .000 .000 .000000 .000 712030.913 1042509.453 52.085 -2.553											
-12.47244											
7 KK -6.533541 712011.881 1042557.936 376.18575 -705.250 711355.401 1042300.230											
2 kružnice 153.336 .000 .000 .000000 .000 711983.754 1042629.584 76.971 -4.188											
-13.84142											
8 KT -6.380205 711940.835 1042693.479 362.34434 .000 .000 .000											
0 tečna 71.798 .000 .000 .000000 .000 .000 .000 .000 .000											
.00000											
9 TK -6.308407 711900.800 1042753.079 362.34434 500.000 712315.855 1043031.880											
3 kružnice 25.222 .000 .000 .000000 .000 711893.767 1042763.550 12.614 .159											
3.21140											
10 KT -6.283185 711887.270 1042774.362 365.55574 .000 .000 .000											
0 tečna 12.827 .000 .000 .000000 .000 .000 .000 .000 .000											
.00000											
11 TK -6.270358 711880.664 1042785.357 365.55574 -500.000 711452.080 1042527.839											
4 kružnice 31.374 .000 .000 .000000 .000 711872.582 1042798.808 15.692 -.246											
-3.99469											
12 KT -6.238984 711863.672 1042811.726 361.56105 .000 .000 .000											
0 tečna 51.218 .000 .000 .000000 .000 .000 .000 .000 .000											
.00000											
13 TK -6.187765 711834.592 1042853.888 361.56105 2000.000 713480.963 1043989.433											
5 kružnice 9.821 .000 .000 .000000 .000 711831.804 1042857.930 4.910 .006											
.31261											

14 KT 0 tečna .00000	-6.177944 86.701	711829.036 .000	1042861.986 .000	361.87366 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
15 TK 6 kružnice -.47018	-6.091243 14.771	711780.160 .000	1042933.598 .000	361.87366 .00000	-2000.000 .000	710128.234 711775.997	1041806.150 1042939.698		7.386 -.014
16 KT 0 tečna .00000	-6.076472 37.594	711771.789 .000	1042945.767 .000	361.40348 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
17 TP 7 klotoida 2.82941	-6.038878 80.000	711750.367 711750.367	1042976.661 1042976.661	361.40348 361.40348	.000 268.328	.000 711719.974	.000 1043020.494	53.339	26.672
18 PK 7 kružnice 5.98715	-5.958878 84.641	711705.765 .000	1043043.066 .000	364.23289 .00000	900.000 .000	712467.420 711683.203	1043522.527 1043078.907	42.352	.996
19 KT 0 tečna .00000	-5.874237 61.606	711664.106 .000	1043116.709 .000	370.22005 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
20 TK 8 kružnice -4.35664	-5.812631 68.434	711636.328 .000	1043171.697 .000	370.22005 .00000	-1000.000 .000	710743.757 711620.893	1042720.789 1043202.250	34.230	-.586
21 KT 0 tečna .00000	-5.744197 45.916	711603.405 .000	1043231.676 .000	365.86340 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
22 TK 9 kružnice 1.58669	-5.698281 12.462	711579.947 .000	1043271.147 .000	365.86340 .00000	500.000 .000	712009.771 711576.764	1043526.591 1043276.504	6.231	.039
23 KT 0 tečna .00000	-5.685819 44.577	711573.715 .000	1043281.938 .000	367.45010 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
24 TK 10 kružnice -.98520	-5.641242 7.738	711551.903 .000	1043320.815 .000	367.45010 .00000	-500.000 .000	711115.847 711550.010	1043076.162 1043324.189	3.869	-.015
25 KT 0 tečna .00000	-5.633504 44.231	711548.065 .000	1043327.533 .000	366.46490 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
26 TK 11 kružnice 6.95230	-5.589274 54.603	711525.828 .000	1043365.768 .000	366.46490 .00000	500.000 .000	711958.047 711512.089	1043617.139 1043389.392	27.329	.746
27 KT 0 tečna .00000	-5.534670 53.164	711501.006 .000	1043414.373 .000	373.41720 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
28 TK 12 kružnice -2.71131	-5.481506 106.473	711479.446 .000	1043462.969 .000	373.41720 .00000	-2500.000 .000	709194.245 711457.854	1042449.137 1043511.639	53.245	-.567
29 KT 0 tečna .00000	-5.375033 42.348	711434.209 .000	1043559.345 .000	370.70589 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
30 TK 13 kružnice 1.66432	-5.332685 65.358	711415.403 .000	1043597.289 .000	370.70589 .00000	2500.000 .000	713655.367 711400.890	1044707.497 1043626.570	32.680	.214
31 KT 0 tečna .00000	-5.267327 17.209	711387.147 .000	1043656.221 .000	372.37021 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
32 TK 14 kružnice 14.29966	-5.250119 67.386	711379.911 .000	1043671.834 .000	372.37021 .00000	300.000 .000	711652.097 711365.683	1043797.987 1043702.532	33.835	1.902
33 KK 14 kružnice 8.07651	-5.182733 16.493	711358.650 .000	1043735.629 .000	386.66987 .00000	130.000 .000	711485.810 711356.933	1043762.651 1043743.705	8.257	.262
34 KP 14 klotoida 11.24939	-5.166240 45.943	711356.253 711357.872	1043751.935 1043797.786	394.74637 5.99577	130.000 -77.283	711485.810 711354.987	1043762.651 1043767.243	15.360	30.679
35 PP 15 klotoida -.06696	-5.120297 3.545	711357.872 711357.872	1043797.786 1043797.786	5.99577 5.99577	.000 77.283	.000 711358.094	.000 1043800.138	2.363	1.182

36 PK	-5.116753	711358.204	1043801.315	5.92881	-1685.000	709680.506	1043958.011		
15 kružnice	86.848	.000	.000	.00000	.000	711362.243	1043844.559	43.432	-.560
-3.28126									
37 KK	-5.029904	711364.049	1043887.957	2.64754	-410.000	710954.403	1043905.003		
15 kružnice	74.055	.000	.000	.00000	.000	711365.592	1043925.053	37.129	-1.678
-11.49872									
38 KP	-4.955850	711360.447	1043961.823	391.14882	-410.000	710954.403	1043905.003		
15 klotoida	20.868	711361.067	1043957.269	391.50563	43.409	711358.663	1043974.570	12.871	8.040
-10.59637									
39 PK	-4.934982	711356.245	1043982.238	380.55246	-74.000	711285.671	1043959.982		
15 kružnice	23.999	.000	.000	.00000	.000	711352.604	1043993.783	12.106	-.984
-20.64646									
40 KP	-4.910983	711345.474	1044003.567	359.90600	-74.000	711285.671	1043959.982		
15 klotoida	25.734	711328.037	1044022.445	348.83652	-43.639	711340.407	1044010.519	8.603	17.183
-11.06949									
41 PT	-4.885248	711328.037	1044022.445	348.83651	.000	.000	.000		
0 tečna	85.260	.000	.000	.00000	.000	.000	.000	.000	.000
.00000									
42 TK	-4.799988	711266.657	1044081.622	348.83652	5000.000	714736.989	1047681.177		
16 kružnice	43.890	.000	.000	.00000	.000	711250.859	1044096.853	21.944	.048
.55881									
43 KT	-4.756099	711235.195	1044112.222	349.39533	.000	.000	.000		
0 tečna	41.649	.000	.000	.00000	.000	.000	.000	.000	.000
.00000									
44 TP	-4.714449	711205.467	1044141.392	349.39533	.000	.000	.000		
17 klotoida	27.379	711205.467	1044141.392	349.39533	38.981	711192.396	1044154.216	18.311	9.180
15.70278									
45 PK	-4.687070	711187.612	1044162.051	365.09812	55.500	711234.978	1044190.976		
17 kružnice	39.050	.000	.000	.00000	.000	711176.994	1044179.437	20.372	3.621
44.79276									
46 KP	-4.648020	711180.147	1044199.564	9.89087	55.500	711234.978	1044190.976		
17 klotoida	20.839	711185.907	1044219.557	21.84254	-34.008	711181.225	1044206.450	6.970	13.918
11.95166									
47 PP	-4.627182	711185.907	1044219.557	21.84254	.000	.000	.000		
18 klotoida	.964	711185.907	1044219.557	21.84254	34.008	711186.123	1044220.162	.643	.321
-.02557									
48 PK	-4.626218	711186.231	1044220.465	21.81697	-1200.000	710056.010	1044623.703		
18 kružnice	64.092	.000	.000	.00000	.000	711197.000	1044250.648	32.047	-.428
-3.40017									
49 KO	-4.562126	711206.146	1044281.376	18.41681	-1200.000	.000	.000		

* Vytvořen výstupní soubor Staníčení s názvem 101.SSS
 * Akce: KOUNBRIDSP
 * Trasa: 101 - HLAVNI TRASA
 * Datum vzniku 14.12.2016 programem RP12
 * Datum posl. zápisu 14.12.2016 programem RP12

Údaje o podrobných bodech trasy						
WB	STA	Y	X	sig	R	
OK	-7.417099	712048.018	1041687.981	379.56942	855.000	
**	-7.320000	712022.681	1041781.662	386.79926	855.000	
**	-7.300000	712018.793	1041801.280	388.28843	855.000	
**	-7.280000	712015.365	1041820.983	389.77760	855.000	
**	-7.260000	712012.398	1041840.762	391.26677	855.000	
**	-7.240000	712009.895	1041860.604	392.75594	855.000	
**	-7.220000	712007.857	1041880.499	394.24511	855.000	
**	-7.200000	712006.284	1041900.437	395.73427	855.000	
**	-7.180000	712005.179	1041920.406	397.22344	855.000	
**	-7.160000	712004.541	1041940.395	398.71261	855.000	
**	-7.140000	712004.370	1041960.394	.20178	855.000	
**	-7.120000	712004.667	1041980.392	1.69095	855.000	
**	-7.100000	712005.432	1042000.376	3.18012	855.000	
**	-7.080000	712006.664	1042020.338	4.66929	855.000	
**	-7.060000	712008.363	1042040.265	6.15846	855.000	
**	-7.040000	712010.528	1042060.147	7.64763	855.000	
**	-7.020000	712013.156	1042079.973	9.13680	855.000	
**	-7.000000	712016.248	1042099.733	10.62597	855.000	
**	-6.980000	712019.801	1042119.414	12.11514	855.000	
KT	-6.964701	712022.829	1042134.410	13.25428	855.000	
**	-6.960000	712023.801	1042139.010	13.25430	.000	
**	-6.940000	712027.935	1042158.578	13.25430	.000	
**	-6.920000	712032.069	1042178.146	13.25430	.000	

TP	-6.911572	712033.811	1042186.392	13.25430	.000
**	-6.900000	712036.196	1042197.715	13.15303	-3637.070
**	-6.880000	712040.214	1042217.307	12.50043	-1333.064
**	-6.860000	712043.938	1042236.957	11.24278	-816.089
**	-6.840000	712047.179	1042256.692	9.38008	-588.041
PK	-6.832162	712048.276	1042264.453	8.48508	-530.000
**	-6.820000	712049.754	1042276.525	7.02421	-530.000
**	-6.800000	712051.580	1042296.440	4.62187	-530.000
**	-6.780000	712052.654	1042316.410	2.21953	-530.000
**	-6.760000	712052.974	1042336.406	399.81719	-530.000
**	-6.740000	712052.539	1042356.400	397.41485	-530.000
**	-6.720000	712051.351	1042376.364	395.01251	-530.000
**	-6.700000	712049.410	1042396.268	392.61017	-530.000
KK	-6.696822	712049.032	1042399.424	392.22844	-530.000
**	-6.680000	712046.851	1042416.103	391.21810	-1060.000
**	-6.660000	712043.914	1042435.886	390.01693	-1060.000
**	-6.640000	712040.605	1042455.610	388.81576	-1060.000
KK	-6.637377	712040.143	1042458.192	388.65823	-1060.000
**	-6.620000	712036.784	1042475.241	386.57098	-530.000
**	-6.600000	712032.228	1042494.714	384.16864	-530.000
**	-6.580000	712026.941	1042514.001	381.76630	-530.000
**	-6.560000	712020.930	1042533.075	379.36396	-530.000
**	-6.540000	712014.204	1042551.909	376.96162	-530.000
KK	-6.533541	712011.881	1042557.936	376.18579	-530.000
**	-6.520000	712006.812	1042570.492	374.96344	-705.250
**	-6.500000	711998.887	1042588.854	373.15807	-705.250
**	-6.480000	711990.444	1042606.984	371.35270	-705.250
**	-6.460000	711981.491	1042624.867	369.54732	-705.250
**	-6.440000	711972.034	1042642.489	367.74195	-705.250
**	-6.420000	711962.081	1042659.836	365.93658	-705.250
**	-6.400000	711951.641	1042676.894	364.13120	-705.250
KT	-6.380205	711940.835	1042693.479	362.34434	.000
**	-6.380000	711940.721	1042693.649	362.34434	.000
**	-6.360000	711929.569	1042710.251	362.34434	.000
**	-6.340000	711918.417	1042726.854	362.34434	.000
**	-6.320000	711907.265	1042743.456	362.34434	.000
TK	-6.308407	711900.800	1042753.079	362.34434	500.000
**	-6.300000	711896.172	1042760.097	363.41476	500.000
KT	-6.283185	711887.271	1042774.362	365.55571	500.000
**	-6.280000	711885.630	1042777.092	365.55574	.000
TK	-6.270358	711880.664	1042785.357	365.55574	.000
**	-6.260000	711875.238	1042794.180	364.23695	-500.000
**	-6.240000	711864.249	1042810.888	361.69047	-500.000
KT	-6.238984	711863.673	1042811.725	361.56111	-500.000
**	-6.220000	711852.894	1042827.353	361.56105	.000
**	-6.200000	711841.539	1042843.816	361.56105	.000
TK	-6.187765	711834.592	1042853.888	361.56105	2000.000
**	-6.180000	711830.196	1042860.289	361.80822	2000.000
KT	-6.177944	711829.036	1042861.986	361.87366	.000
**	-6.160000	711818.920	1042876.807	361.87366	.000
**	-6.140000	711807.646	1042893.326	361.87366	.000
**	-6.120000	711796.371	1042909.846	361.87366	.000
**	-6.100000	711785.097	1042926.365	361.87366	.000
TK	-6.091243	711780.160	1042933.598	361.87366	-2000.000
**	-6.080000	711773.796	1042942.866	361.51578	-2000.000
KT	-6.076472	711771.789	1042945.767	361.40348	.000
**	-6.060000	711762.403	1042959.304	361.40348	.000
**	-6.040000	711751.006	1042975.739	361.40348	.000
TP	-6.038878	711750.367	1042976.661	361.40348	.000
**	-6.020000	711739.623	1042992.184	361.56104	3813.902
**	-6.000000	711728.326	1043008.688	362.07172	1851.933
**	-5.980000	711717.208	1043025.312	362.93608	1222.861
**	-5.960000	711706.364	1043042.117	364.15411	912.799
PK	-5.958878	711705.765	1043043.066	364.23289	900.000
**	-5.940000	711695.877	1043059.146	365.56826	900.000
**	-5.920000	711685.771	1043076.405	366.98297	900.000
**	-5.900000	711676.051	1043093.883	368.39768	900.000
**	-5.880000	711666.721	1043111.574	369.81239	900.000
KT	-5.874237	711664.106	1043116.709	370.22004	900.000
**	-5.860000	711657.687	1043129.417	370.22004	.000
**	-5.840000	711648.669	1043147.268	370.22004	.000
**	-5.820000	711639.651	1043165.119	370.22004	.000
TK	-5.812631	711636.328	1043171.697	370.22004	.000
**	-5.800000	711630.561	1043182.935	369.41594	-1000.000
**	-5.780000	711621.142	1043200.577	368.14271	-1000.000
**	-5.760000	711611.371	1043218.028	366.86947	-1000.000
KT	-5.744197	711603.405	1043231.676	365.86342	-1000.000
**	-5.740000	711601.261	1043235.284	365.86340	.000
**	-5.720000	711591.043	1043252.477	365.86340	.000
**	-5.700000	711580.826	1043269.670	365.86340	.000
TK	-5.698281	711579.947	1043271.147	365.86340	500.000
KT	-5.685819	711573.715	1043281.938	367.45010	.000
**	-5.680000	711570.868	1043287.014	367.45010	.000
**	-5.660000	711561.081	1043304.456	367.45010	.000
TK	-5.641242	711551.903	1043320.815	367.45010	-500.000
**	-5.640000	711551.294	1043321.897	367.29196	-500.000
KT	-5.633504	711548.065	1043327.533	366.46490	.000
**	-5.620000	711541.276	1043339.207	366.46490	.000

**		-5.600000	711531.221	1043356.496	366.46490	.000
**	TK	-5.589274	711525.828	1043365.768	366.46490	.000
**		-5.580000	711521.241	1043373.827	367.64567	500.000
**		-5.560000	711511.860	1043391.490	370.19214	500.000
**		-5.540000	711503.193	1043409.513	372.73862	500.000
**	KT	-5.534670	711501.006	1043414.373	373.41720	.000
**		-5.520000	711495.057	1043427.783	373.41720	.000
**		-5.500000	711486.946	1043446.064	373.41720	.000
**	TK	-5.481506	711479.446	1043462.969	373.41720	-2500.000
**		-5.480000	711478.835	1043464.346	373.37885	-2500.000
**		-5.460000	711470.641	1043482.590	372.86955	-2500.000
**		-5.440000	711462.300	1043500.768	372.36025	-2500.000
**		-5.420000	711453.815	1043518.878	371.85096	-2500.000
**		-5.400000	711445.184	1043536.920	371.34166	-2500.000
**		-5.380000	711436.410	1043554.893	370.83237	-2500.000
**	KT	-5.375033	711434.209	1043559.345	370.70589	.000
**		-5.360000	711427.533	1043572.815	370.70589	.000
**		-5.340000	711418.651	1043590.735	370.70589	.000
**	TK	-5.332685	711415.403	1043597.289	370.70589	2500.000
**		-5.320000	711409.798	1043608.669	371.02892	2500.000
**		-5.300000	711401.080	1043626.668	371.53821	2500.000
**		-5.280000	711392.505	1043644.737	372.04751	2500.000
**	KT	-5.267327	711387.147	1043656.221	372.37021	.000
**		-5.260000	711384.066	1043662.869	372.37021	.000
**	TK	-5.250119	711379.911	1043671.834	372.37021	.000
**		-5.240000	711375.812	1043681.085	374.51743	300.000
**		-5.220000	711368.638	1043699.750	378.76157	300.000
**		-5.200000	711362.723	1043718.851	383.00570	300.000
**	KK	-5.182733	711358.650	1043735.629	386.66987	300.000
**		-5.180000	711358.110	1043738.308	388.00823	130.000
**	KP	-5.166240	711356.253	1043751.935	394.74637	130.000
**		-5.160000	711355.881	1043758.164	397.59482	150.433
**		-5.140000	711356.232	1043778.152	3.92685	303.135
**	PP	-5.120297	711357.872	1043797.786	5.99577	.000
**		-5.120000	711357.900	1043798.082	5.99530	-20100.421
**	PK	-5.116753	711358.204	1043801.314	5.92882	-1685.213
**		-5.100000	711359.679	1043818.002	5.29587	-1685.000
**		-5.080000	711361.222	1043837.942	4.54024	-1685.000
**		-5.060000	711362.529	1043857.900	3.78460	-1685.000
**		-5.040000	711363.599	1043877.871	3.02897	-1685.000
**	KK	-5.029904	711364.049	1043887.957	2.64754	-410.000
**		-5.020000	711364.341	1043897.856	1.10967	-410.000
**		-5.000000	711364.202	1043917.854	398.00420	-410.000
**		-4.980000	711363.088	1043937.821	394.89874	-410.000
**		-4.960000	711361.001	1043957.710	391.79328	-410.000
**	KP	-4.955850	711360.447	1043961.823	391.14889	-410.000
**		-4.940000	711357.602	1043977.407	384.44422	-92.163
**	PK	-4.934982	711356.245	1043982.238	380.55264	-74.001
**		-4.920000	711350.329	1043995.974	367.66367	-74.000
**	KP	-4.910983	711345.474	1044003.566	359.90637	-74.000
**		-4.900000	711338.458	1044012.008	352.47385	-129.093
**	PT	-4.885248	711328.037	1044022.445	348.83651	.000
**		-4.880000	711324.258	1044026.088	348.83651	.000
**		-4.860000	711309.860	1044039.970	348.83651	.000
**		-4.840000	711295.462	1044053.851	348.83651	.000
**		-4.820000	711281.064	1044067.732	348.83651	.000
**		-4.800000	711266.665	1044081.614	348.83651	.000
**	TK	-4.799988	711266.657	1044081.622	348.83652	5000.000
**		-4.780000	711252.295	1044095.524	349.09102	5000.000
**		-4.760000	711237.980	1044109.491	349.34567	5000.000
**	KT	-4.756099	711235.195	1044112.222	349.39534	5000.000
**		-4.740000	711223.704	1044123.497	349.39533	.000
**		-4.720000	711209.428	1044137.504	349.39533	.000
**	TP	-4.714449	711205.467	1044141.392	349.39533	.000
**		-4.700000	711195.389	1044151.743	353.76897	105.162
**	PK	-4.687070	711187.612	1044162.051	365.09812	55.500
**		-4.680000	711184.321	1044168.303	373.20827	55.500
**		-4.660000	711179.580	1044187.622	396.14952	55.500
**	KP	-4.648020	711180.147	1044199.564	9.89087	55.500
**		-4.640000	711181.883	1044207.390	17.32035	90.226
**	PP	-4.627182	711185.907	1044219.557	21.84254	.000
**	PK	-4.626218	711186.231	1044220.465	21.81698	-1200.148
**		-4.620000	711188.306	1044226.327	21.48710	-1200.000
**		-4.600000	711194.771	1044245.252	20.42607	-1200.000
**		-4.580000	711200.920	1044264.283	19.36504	-1200.000
**	KO	-4.562126	711206.146	1044281.376	18.41681	-1200.000

*** VÝPOČET UKONČEN BEZ CHYB ***

Atelier PROMIKA s.r.o.

16000 Praha 6, Muchova 9

ROADPAC SI32 - VIANIV Interaktivní niveleta

Verze: 2008

Datum: 14.12.2016

Akce: KOUNBRIDSP
Trasa: 101 - HLAVNI TRASA

H L A V N Í B O D Y N I V E L E T Y

Číslo	Staničení	Výška vrcholu	Poloměr	Tečna	Vzepětí	Spád	Délka	Mezipřímá
1,	-7,417099	197,624	0,000	0,000	0,000	1,256%	217,444	0,006
2,	-7,199655	200,355	17 000,000	217,438	1,391	-1,302%	541,908	147,178
3,	-6,657747	193,299	-20 000,000	177,292	-0,786	0,471%	362,292	134,233
4,	-6,295455	195,005	-1 938,000	50,767	-0,665	5,710%	115,105	30,683
5,	-6,180350	201,578	1 000,000	33,656	0,566	-1,021%	136,221	68,590
6,	-6,044129	200,187	-4 176,000	33,976	-0,138	0,606%	86,053	18,642
7,	-5,958076	200,709	2 371,000	33,435	0,236	-2,214%	104,236	70,801
8,	-5,853840	198,401	0,000	0,000	0,000	-1,944%	30,736	30,736
9,	-5,823104	197,803	0,000	0,000	0,000	-1,432%	74,416	23,614
10,	-5,748688	196,737	-3 815,000	50,802	-0,338	1,231%	58,394	0,443
11,	-5,690294	197,456	-1 000,000	7,149	-0,026	2,661%	45,866	12,104
12,	-5,644428	198,676	1 000,000	26,613	0,354	-2,662%	65,141	17,709
13,	-5,579288	196,943	-2 500,000	20,819	-0,087	-0,996%	39,722	9,190
14,	-5,539566	196,547	-1 500,000	9,714	-0,031	0,299%	73,377	48,796
15,	-5,466189	196,766	-2 500,000	14,867	-0,044	1,488%	42,377	9,230
16,	-5,423811	197,397	-5 000,000	18,281	-0,033	2,220%	55,642	7,063
17,	-5,368169	198,632	-10 000,000	30,299	-0,046	2,826%	120,358	55,076
18,	-5,247811	202,033	1 262,000	34,984	0,485	-2,719%	88,758	27,998
19,	-5,159053	199,620	-1 719,000	25,776	-0,193	0,280%	70,600	27,478
20,	-5,088452	199,818	2 500,000	17,346	0,060	-1,107%	70,480	29,758
21,	-5,017973	199,037	-2 625,000	23,375	-0,104	0,674%	42,689	19,313
22,	-4,975284	199,325	0,000	0,000	0,000	0,185%	38,457	38,457
23,	-4,936827	199,396	0,000	0,000	0,000	0,567%	79,436	79,436
24,	-4,857391	199,846	0,000	0,000	0,000	1,291%	46,792	3,173
25,	-4,810599	200,450	10 564,000	43,619	0,090	0,465%	103,439	40,559
26,	-4,707160	200,931	-5 000,000	19,261	-0,037	1,236%	37,557	7,944
27,	-4,669603	201,395	1 000,000	10,352	0,054	-0,835%	32,096	21,744
28,	-4,637507	201,127	0,000	0,000	0,000	-2,105%	13,680	13,680
29,	-4,623827	200,839	0,000	0,000	0,000	-0,655%	34,827	34,827
30,	-4,589000	200,611	0,000	0,000	0,000	0,000%	0,000	0,000

V Ý P O Č E T V Ý Š E K V P O D R O B N Ý C H B O D E C H

Staničení	označení	Výška nivelety	Výška terénu	Spád nivelety
-7,417099	V	197,624	197,624	1,256%
-7,417093	ZZ	197,624	197,624	1,256%
-7,320000		198,566	198,577	0,685%
-7,300000		198,692	198,690	0,567%
-7,280000		198,793	198,759	0,450%
-7,260000		198,871	198,887	0,332%
-7,240000		198,926	198,929	0,214%
-7,220000		198,957	198,940	0,097%
-7,203561	VZ	198,965	198,957	0,000%
-7,200000		198,965	198,961	-0,021%
-7,199655	V	198,965	198,961	-0,023%
-7,180000		198,949	198,938	-0,139%
-7,160000		198,909	198,910	-0,256%
-7,140000		198,846	198,838	-0,374%
-7,120000		198,760	198,746	-0,492%
-7,100000		198,650	198,641	-0,609%
-7,080000		198,516	198,551	-0,727%
-7,060000		198,359	198,417	-0,845%
-7,040000		198,178	198,212	-0,962%
-7,020000		197,974	197,990	-1,080%
-7,000000		197,746	197,762	-1,197%
-6,982217	KZ	197,524	197,516	-1,302%
-6,980000		197,495	197,483	-1,302%
-6,960000		197,235	197,223	-1,302%
-6,940000		196,974	196,966	-1,302%
-6,920000		196,714	196,664	-1,302%
-6,900000		196,454	196,394	-1,302%
-6,880000		196,193	196,137	-1,302%
-6,860000		195,933	195,880	-1,302%
-6,840000		195,672	195,642	-1,302%
-6,835039	ZZ	195,608	195,586	-1,302%
-6,820000		195,418	195,430	-1,227%
-6,800000		195,182	195,197	-1,127%
-6,780000		194,967	194,988	-1,027%
-6,760000		194,772	194,807	-0,927%
-6,740000		194,596	194,619	-0,827%
-6,720000		194,441	194,427	-0,727%
-6,700000		194,306	194,345	-0,627%

-6,680000		194,190	194,220	-0,527%
-6,660000		194,095	194,060	-0,427%
-6,657747	V	194,085	194,048	-0,416%
-6,640000		194,019	194,018	-0,327%
-6,620000		193,964	193,977	-0,227%
-6,600000		193,929	193,926	-0,127%
-6,580000		193,913	193,838	-0,027%
-6,574635	VZ	193,913	193,851	0,000%
-6,560000		193,918	193,885	0,073%
-6,540000		193,943	193,932	0,173%
-6,520000		193,987	193,983	0,273%
-6,500000		194,052	194,052	0,373%
-6,480455	KZ	194,134	194,133	0,471%
-6,480000		194,136	194,134	0,471%
-6,460000		194,231	194,211	0,471%
-6,440000		194,325	194,292	0,471%
-6,420000		194,419	194,428	0,471%
-6,400000		194,513	194,521	0,471%
-6,380000		194,607	194,612	0,471%
-6,360000		194,702	194,669	0,471%
-6,346222	ZZ	194,766	194,717	0,471%
-6,340000		194,806	194,775	0,792%
-6,320000		195,067	195,144	1,824%
-6,300000		195,535	195,541	2,856%
-6,295455	V	195,670	195,674	3,091%
-6,280000		196,210	196,181	3,888%
-6,260000		197,090	197,013	4,920%
-6,244688	KZ	197,904	197,912	5,710%
-6,240000		198,172	198,187	5,710%
-6,220000		199,314	199,295	5,710%
-6,214005	ZZ	199,656	199,620	5,710%
-6,200000		200,358	200,379	4,310%
-6,180350	V	201,012	201,340	2,344%
-6,180000		201,020	201,340	2,310%
-6,160000		201,282	201,347	0,310%
-6,156905	VZ	201,286	201,348	0,000%
-6,146694	KZ	201,234	201,247	-1,021%
-6,140000		201,166	201,172	-1,021%
-6,120000		200,962	200,950	-1,021%
-6,100000		200,758	200,743	-1,021%
-6,080000		200,553	200,559	-1,021%
-6,078104	ZZ	200,534	200,544	-1,021%
-6,060000		200,388	200,407	-0,588%
-6,044129	V	200,325	200,360	-0,208%
-6,040000		200,319	200,365	-0,109%
-6,035462	VZ	200,316	200,371	0,000%
-6,020000		200,345	200,390	0,370%
-6,010153	KZ	200,393	200,408	0,606%
-6,000000		200,454	200,463	0,606%
-5,991511	ZZ	200,506	200,509	0,606%
-5,980000		200,548	200,571	0,121%
-5,977141	VZ	200,549	200,586	0,000%
-5,960000		200,487	200,495	-0,723%
-5,958076	V	200,473	200,473	-0,804%
-5,940000		200,259	200,256	-1,567%
-5,924641	KZ	199,968	199,952	-2,214%
-5,920000		199,865	199,859	-2,214%
-5,900000		199,423	199,439	-2,214%
-5,880000		198,980	198,985	-2,214%
-5,860000		198,537	198,531	-2,214%
-5,853840	KZ ZZ V	198,401	198,403	-1,944%
-5,840000		198,131	198,132	-1,944%
-5,823104	KZ ZZ V	197,803	197,803	-1,432%
-5,820000		197,759	197,759	-1,432%
-5,800000		197,472	197,471	-1,432%
-5,799490	ZZ	197,465	197,464	-1,432%
-5,780000		197,235	197,266	-0,921%
-5,760000		197,104	197,142	-0,397%
-5,748688	V	197,075	197,078	-0,101%
-5,744851	VZ	197,074	197,081	0,000%
-5,740000		197,077	197,084	0,127%
-5,720000		197,154	197,104	0,651%
-5,700000		197,337	197,349	1,176%
-5,697886	KZ	197,363	197,375	1,231%
-5,697443	ZZ	197,368	197,380	1,231%
-5,690294	V	197,482	197,497	1,946%
-5,683145	KZ	197,646	197,677	2,661%
-5,680000		197,730	197,757	2,661%
-5,671041	ZZ	197,968	197,983	2,661%
-5,660000		198,201	198,262	1,557%
-5,644432	VZ	198,322	198,538	0,000%
-5,644428	V	198,322	198,538	0,000%
-5,640000		198,313	198,551	-0,443%
-5,620000		198,024	198,006	-2,443%
-5,617816	KZ	197,968	197,947	-2,662%
-5,600106	ZZ	197,497	197,506	-2,662%
-5,600000		197,494	197,503	-2,657%
-5,580000		197,042	197,056	-1,857%

-5,579288	V	197,029	197,044	-1,829%
-5,560000		196,751	196,750	-1,057%
-5,558469	KZ	196,735	196,734	-0,996%
-5,549279	ZZ	196,644	196,644	-0,996%
-5,540000		196,580	196,552	-0,378%
-5,539566	V	196,578	196,548	-0,349%
-5,534337	VZ	196,569	196,499	0,000%
-5,529852	KZ	196,576	196,515	0,299%
-5,520000		196,605	196,548	0,299%
-5,500000		196,665	196,607	0,299%
-5,481055	ZZ	196,722	196,651	0,299%
-5,480000		196,725	196,654	0,341%
-5,466189	V	196,811	196,785	0,894%
-5,460000		196,874	196,877	1,141%
-5,451322	KZ	196,988	197,004	1,488%
-5,442092	ZZ	197,125	197,140	1,488%
-5,440000		197,157	197,171	1,530%
-5,423811	V	197,431	197,407	1,854%
-5,420000		197,503	197,481	1,930%
-5,405531	KZ	197,803	197,798	2,220%
-5,400000		197,926	197,920	2,220%
-5,398468	ZZ	197,960	197,953	2,220%
-5,380000		198,387	198,388	2,404%
-5,368169	V	198,678	198,686	2,523%
-5,360000		198,887	198,892	2,604%
-5,340000		199,428	199,447	2,804%
-5,337870	KZ	199,488	199,509	2,826%
-5,320000		199,993	200,026	2,826%
-5,300000		200,558	200,573	2,826%
-5,282795	ZZ	201,044	201,042	2,826%
-5,280000		201,120	201,104	2,604%
-5,260000		201,483	201,387	1,019%
-5,247811	V	201,548	201,547	0,054%
-5,247136	VZ	201,548	201,544	0,000%
-5,240000		201,528	201,487	-0,565%
-5,220000		201,257	201,237	-2,150%
-5,212827	KZ	201,082	201,071	-2,719%
-5,200000		200,733	200,733	-2,719%
-5,184829	ZZ	200,321	200,344	-2,719%
-5,180000		200,196	200,242	-2,438%
-5,160000		199,825	199,825	-1,274%
-5,159053	V	199,813	199,818	-1,219%
-5,140000		199,687	199,686	-0,111%
-5,138096	VZ	199,685	199,689	0,000%
-5,133276	KZ	199,692	199,697	0,280%
-5,120000		199,729	199,726	0,280%
-5,105798	ZZ	199,769	199,770	0,280%
-5,100000		199,779	199,788	0,048%
-5,098790	VZ	199,779	199,792	0,000%
-5,088452	V	199,758	199,743	-0,414%
-5,080000		199,708	199,687	-0,752%
-5,071106	KZ	199,626	199,628	-1,107%
-5,060000		199,503	199,511	-1,107%
-5,041348	ZZ	199,296	199,312	-1,107%
-5,040000		199,282	199,295	-1,056%
-5,020000		199,147	199,160	-0,294%
-5,017973	V	199,142	199,148	-0,217%
-5,012280	VZ	199,135	199,148	0,000%
-5,000000		199,164	199,176	0,468%
-4,994597	KZ	199,195	199,189	0,674%
-4,980000		199,293	199,294	0,674%
-4,975284	KZ ZZ V	199,325	199,329	0,185%
-4,960000		199,353	199,352	0,185%
-4,940000		199,390	199,392	0,185%
-4,936827	KZ ZZ V	199,396	199,391	0,567%
-4,920000		199,491	199,514	0,567%
-4,900000		199,605	199,600	0,567%
-4,880000		199,718	199,711	0,567%
-4,860000		199,831	199,848	0,567%
-4,857391	KZ ZZ V	199,846	199,866	1,291%
-4,854218	ZZ	199,887	199,899	1,291%
-4,840000		200,061	200,057	1,156%
-4,820000		200,273	200,264	0,967%
-4,810599	V	200,360	200,348	0,878%
-4,800000		200,448	200,444	0,778%
-4,780000		200,584	200,576	0,588%
-4,766980	KZ	200,653	200,641	0,465%
-4,760000		200,685	200,675	0,465%
-4,740000		200,778	200,778	0,465%
-4,726421	ZZ	200,841	200,844	0,465%
-4,720000		200,875	200,873	0,593%
-4,707160	V	200,968	200,966	0,850%
-4,700000		201,034	201,023	0,993%
-4,687899	KZ	201,169	201,166	1,236%
-4,680000		201,267	201,229	1,236%
-4,679955	ZZ	201,267	201,229	1,236%
-4,669603	V	201,341	201,296	0,200%
-4,667601	VZ	201,343	201,309	0,000%

-4,660000		201,315	201,314	-0,760%
-4,659251	KZ	201,309	201,308	-0,835%
-4,640000		201,148	201,149	-0,835%
-4,637507	KZ ZZ V	201,127	201,129	-2,105%
-4,623827	KZ ZZ V	200,839	200,839	-0,655%
-4,620000		200,814	200,812	-0,655%
-4,600000		200,683	200,681	-0,655%

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VÝPOČET PODROBNÝCH BODŮ V KRAJI ZPEVNĚNÍ VE VOLNÉ TRASE

Název úseku:	Obrus-POVRCH	OD staničení km:			-7.340000	DO staničení km:-4.600000		
Staničení (km)	BOD	Odsun (+/-)	Y	X	Z			
-7.340000	LEVA	-5.250	712021.916	1041760.940	198.549	PRAVA	5.250	712032.138
-7.320000	LEVA	-5.250	712017.544	1041780.581	198.698	PRAVA	5.250	712027.819
-7.300000	LEVA	-5.250	712013.631	1041800.320	198.823	PRAVA	5.250	712023.954
-7.280000	LEVA	-5.250	712010.182	1041820.144	198.925	PRAVA	5.250	712020.547
-7.260000	LEVA	-5.250	712007.197	1041840.044	199.003	PRAVA	5.250	712017.599
-7.240000	LEVA	-5.250	712004.679	1041860.008	199.057	PRAVA	5.250	712015.111
-7.220000	LEVA	-5.250	712002.628	1041880.026	199.088	PRAVA	5.250	712013.085
-7.200000	LEVA	-5.250	712001.046	1041900.086	199.096	PRAVA	5.250	712011.523
-7.180000	LEVA	-5.250	711999.934	1041920.177	199.080	PRAVA	5.250	712010.424
-7.160000	LEVA	-5.250	711999.292	1041940.289	199.041	PRAVA	5.250	712009.789
-7.140000	LEVA	-5.250	711999.120	1041960.411	198.978	PRAVA	5.250	712009.620
-7.120000	LEVA	-5.250	711999.419	1041980.531	198.891	PRAVA	5.250	712009.915
-7.100000	LEVA	-5.250	712000.189	1042000.639	198.781	PRAVA	5.250	712010.676
-7.080000	LEVA	-5.250	712001.429	1042020.723	198.647	PRAVA	5.250	712011.900
-7.060000	LEVA	-5.250	712003.138	1042040.772	198.490	PRAVA	5.250	712013.589
-7.040000	LEVA	-5.250	712005.315	1042060.777	198.310	PRAVA	5.250	712015.740
-7.020000	LEVA	-5.250	712007.960	1042080.724	198.105	PRAVA	5.250	712018.352
-7.000000	LEVA	-5.250	712011.071	1042100.605	197.878	PRAVA	5.250	712021.425
-6.980000	LEVA	-5.250	712014.646	1042120.407	197.627	PRAVA	5.250	712024.956
-6.964701	LEVA	-5.250	712017.693	1042135.495	197.427	PRAVA	5.250	712027.966
-6.960000	LEVA	-5.250	712018.664	1042140.095	197.366	PRAVA	5.250	712028.938
-6.957000	LEVA	-5.250	712019.285	1042143.030	197.327	PRAVA	5.250	712029.558
-6.940000	LEVA	-5.250	712022.798	1042159.663	196.957	PRAVA	5.250	712033.071
-6.927000	LEVA	-5.250	712025.485	1042172.382	196.674	PRAVA	5.250	712035.758
-6.926000	LEVA	-5.250	712025.692	1042173.361	196.661	PRAVA	5.250	712035.965
-6.920000	LEVA	-5.250	712026.932	1042179.231	196.583	PRAVA	5.250	712037.205
-6.911572	LEVA	-5.250	712028.674	1042187.477	196.473	PRAVA	5.250	712038.947
-6.900000	LEVA	-5.250	712031.058	1042198.792	196.322	PRAVA	5.250	712041.335
-6.896000	LEVA	-5.250	712031.875	1042202.701	196.270	PRAVA	5.250	712042.154
-6.880000	LEVA	-5.250	712035.065	1042218.332	196.062	PRAVA	5.250	712045.363
-6.860000	LEVA	-5.250	712038.770	1042237.880	195.802	PRAVA	5.250	712049.106
-6.840000	LEVA	-5.250	712041.986	1042257.463	195.541	PRAVA	5.250	712052.372
-6.832162	LEVA	-5.250	712043.072	1042265.151	195.439	PRAVA	5.250	712053.479
-6.820000	LEVA	-5.250	712044.535	1042277.103	195.286	PRAVA	5.250	712054.972
-6.800000	LEVA	-5.250	712046.344	1042296.821	195.051	PRAVA	5.250	712056.816
-6.780000	LEVA	-5.250	712047.407	1042316.593	194.836	PRAVA	5.250	712057.901
-6.760000	LEVA	-5.250	712047.724	1042336.391	194.640			
-6.740000	LEVA	-5.250	712047.294	1042356.187	194.465			
-6.720000	LEVA	-5.250	712046.117	1042375.953	194.310			
-6.700000	LEVA	-5.250	712044.195	1042395.660	194.174			
-6.696822	LEVA	-5.250	712043.821	1042398.784	194.155			
-6.680000	LEVA	-5.250	712041.651	1042415.382	194.059			
-6.675000	LEVA	-5.250	712040.955	1042420.308	194.033			
-6.670000	LEVA	-5.250	712040.236	1042425.231	194.009			
-6.660000	LEVA	-5.250	712038.729	1042435.066	193.946			
-6.640000	LEVA	-5.250	712035.436	1042454.693	193.836			
-6.637377	LEVA	-5.250	712034.976	1042457.262	193.827			
-6.620000	LEVA	-5.250	712031.650	1042474.142	193.780			
-6.600000	LEVA	-5.250	712027.140	1042493.422	193.745	PRAVA	8.750	712040.709
-6.580000	LEVA	-5.250	712021.905	1042512.518	193.730	PRAVA	8.750	712035.335
-6.560000	LEVA	-5.250	712015.954	1042531.403	193.734	PRAVA	8.750	712029.225
-6.540000	LEVA	-5.250	712009.294	1042550.050	193.759	PRAVA	8.750	712022.387
-6.533541	LEVA	-5.250	712006.994	1042556.017	193.771	PRAVA	8.750	712020.026
-6.520000	LEVA	-5.250	712001.963	1042568.480	193.803	PRAVA	8.750	712014.894
-6.510000	LEVA	-5.250	711998.094	1042577.621	193.833	PRAVA	8.750	712010.948
-6.500000	LEVA	-5.250	711994.097	1042586.706	193.868	PRAVA	8.481	712006.625
-6.480000	LEVA	-5.250	711985.717	1042604.701	193.953	PRAVA	7.942	711997.596
-6.460000	LEVA	-5.250	711976.830	1042622.451	194.047	PRAVA	7.404	711988.064
-6.440000	LEVA	-5.250	711967.444	1042639.942	194.141	PRAVA	6.865	711978.037
-6.420000	LEVA	-5.250	711957.565	1042657.160	194.288	PRAVA	6.327	711967.524
-6.400000	LEVA	-5.250	711947.202	1042674.090	194.382	PRAVA	5.788	711956.535
-6.380205	LEVA	-5.250	711936.477	1042690.552	194.475	PRAVA	5.256	711945.198
-6.380000	LEVA	-5.250	711936.363	1042690.722	194.476	PRAVA	5.250	711945.079
-6.360000	LEVA	-5.250	711925.211	1042707.324	194.570	PRAVA	5.250	711933.927
-6.340000	LEVA	-5.250	711914.059	1042723.926	194.674	PRAVA	5.250	711922.775
-6.320000	LEVA	-5.250	711902.907	1042740.528	194.936	PRAVA	5.250	711911.623
-6.308407	LEVA	-5.250	711896.442	1042750.152	195.182	PRAVA	5.250	711905.159
-6.300000	LEVA	-5.250	711891.765	1042757.243	195.404	PRAVA	5.250	711900.578
-6.283185	LEVA	-4.304	711883.581	1042772.145	195.981	PRAVA	4.304	711890.960
-6.280000	LEVA	-4.125	711882.094	1042774.968	196.107	PRAVA	4.125	711889.166
-6.270358	LEVA	-3.583	711877.593	1042783.512	196.519	PRAVA	3.583	711883.735
-6.260000	LEVA	-3.000	711872.699	1042792.581	197.015	PRAVA	3.000	711877.777
-6.240000	LEVA	-3.000	711861.776	1042809.190	198.097	PRAVA	3.000	711866.722
-6.238984	LEVA	-3.000	711861.203	1042810.022	198.155	PRAVA	3.000	711866.142
-6.220000	LEVA	-3.000	711850.424	1042825.649	199.239	PRAVA	3.000	711855.364
-6.200000	LEVA	-3.000	711839.069	1042842.113	200.283	PRAVA	3.000	711844.008
-6.187765	LEVA	-3.000	711832.122	1042852.185	200.735	PRAVA	3.000	711837.061
-6.180000	LEVA	-3.000	711827.719	1042858.595	200.945	PRAVA	3.000	711832.672
-6.177944	LEVA	-3.000	711826.558	1042860.295	200.990	PRAVA	3.000	711831.514

-6.160000	LEVA	-3.000	711816.442	1042875.116	201.207	PRAVA	3.000	711821.398	1042878.498	201.207
-6.140000	LEVA	-3.000	711805.168	1042891.635	201.091	PRAVA	3.000	711810.124	1042895.018	201.091
-6.120000	LEVA	-3.000	711793.893	1042908.154	200.887	PRAVA	3.000	711798.849	1042911.537	200.887
-6.100000	LEVA	-3.000	711782.619	1042924.674	200.683	PRAVA	3.000	711787.575	1042928.056	200.683
-6.091243	LEVA	-3.000	711777.682	1042931.907	200.593	PRAVA	3.000	711782.638	1042935.289	200.593
-6.080000	LEVA	-3.000	711771.328	1042941.161	200.478	PRAVA	3.000	711776.265	1042944.572	200.478
-6.076472	LEVA	-3.000	711769.323	1042944.058	200.443	PRAVA	3.000	711774.254	1042947.477	200.443
-6.060000	LEVA	-3.000	711759.937	1042957.594	200.313	PRAVA	3.000	711764.868	1042961.013	200.313
-6.040000	LEVA	-3.000	711748.541	1042974.030	200.244	PRAVA	3.000	711753.472	1042977.449	200.244
-6.038878	LEVA	-3.000	711747.902	1042974.952	200.243	PRAVA	3.000	711752.832	1042978.371	200.243
-6.020000	LEVA	-3.000	711737.154	1042990.480	200.270	PRAVA	3.000	711742.093	1042993.887	200.270
-6.000000	LEVA	-3.000	711725.843	1043007.004	200.379	PRAVA	3.000	711730.809	1043010.371	200.379
-5.980000	LEVA	-3.000	711714.702	1043023.663	200.473	PRAVA	3.000	711719.714	1043026.962	200.473
-5.960000	LEVA	-3.000	711703.827	1043040.515	200.412	PRAVA	3.000	711708.900	1043043.718	200.412
-5.958878	LEVA	-3.000	711703.226	1043041.468	200.404	PRAVA	3.000	711708.304	1043044.664	200.404
-5.940000	LEVA	-3.000	711693.305	1043057.602	200.184	PRAVA	3.000	711698.448	1043060.691	200.184
-5.920000	LEVA	-3.000	711683.165	1043074.918	199.790	PRAVA	3.000	711688.376	1043077.892	199.790
-5.900000	LEVA	-3.000	711673.413	1043092.455	199.348	PRAVA	3.000	711678.689	1043095.312	199.348
-5.880000	LEVA	-3.000	711664.052	1043110.204	198.905	PRAVA	3.000	711669.390	1043112.944	198.905
-5.874237	LEVA	-3.000	711661.429	1043115.356	198.777	PRAVA	3.000	711666.784	1043118.062	198.777
-5.860000	LEVA	-3.000	711655.009	1043128.064	198.462	PRAVA	3.000	711660.365	1043130.769	198.462
-5.840000	LEVA	-3.000	711645.991	1043145.915	198.056	PRAVA	3.000	711651.346	1043148.621	198.056
-5.820000	LEVA	-3.000	711636.973	1043163.767	197.684	PRAVA	3.000	711642.328	1043166.472	197.684
-5.812631	LEVA	-3.000	711633.650	1043170.344	197.578	PRAVA	3.000	711639.006	1043173.050	197.578
-5.800000	LEVA	-3.000	711627.901	1043181.548	197.397	PRAVA	3.000	711633.222	1043184.321	197.397
-5.780000	LEVA	-3.000	711618.510	1043199.138	197.160	PRAVA	3.000	711623.774	1043202.016	197.160
-5.760000	LEVA	-3.000	711608.768	1043216.536	197.029	PRAVA	3.000	711613.974	1043219.519	197.029
-5.744197	LEVA	-3.000	711600.826	1043230.143	196.999	PRAVA	3.000	711605.984	1043233.209	196.999
-5.740000	LEVA	-3.000	711598.682	1043233.751	197.002	PRAVA	3.000	711603.820	1043236.817	197.002
-5.720000	LEVA	-3.000	711588.464	1043250.944	197.079	PRAVA	3.000	711593.622	1043254.010	197.079
-5.700000	LEVA	-3.000	711578.247	1043268.137	197.262	PRAVA	3.000	711583.404	1043271.202	197.262
-5.698281	LEVA	-3.000	711577.368	1043269.615	197.283	PRAVA	3.000	711582.526	1043272.680	197.283
-5.685819	LEVA	-3.000	711571.098	1043280.471	197.504	PRAVA	3.000	711576.331	1043283.407	197.504
-5.680000	LEVA	-3.000	711568.251	1043285.546	197.655	PRAVA	3.000	711573.484	1043288.481	197.655
-5.660000	LEVA	-3.000	711558.465	1043302.988	198.126	PRAVA	3.000	711563.698	1043305.924	198.126
-5.641242	LEVA	-3.000	711549.287	1043319.347	198.242	PRAVA	3.000	711554.519	1043322.283	198.242
-5.640000	LEVA	-3.000	711548.681	1043320.423	198.238	PRAVA	3.000	711553.907	1043323.372	198.238
-5.633504	LEVA	-3.000	711545.471	1043326.026	198.188	PRAVA	3.000	711550.658	1043329.042	198.188
-5.620000	LEVA	-3.000	711538.682	1043337.699	197.949	PRAVA	3.000	711543.869	1043340.715	197.949
-5.600000	LEVA	-3.000	711528.628	1043354.988	197.419	PRAVA	3.000	711533.814	1043358.004	197.419
-5.589274	LEVA	-3.000	711523.235	1043364.260	197.157	PRAVA	3.000	711528.422	1043367.276	197.157
-5.580000	LEVA	-3.000	711518.620	1043372.367	196.967	PRAVA	3.000	711523.861	1043375.287	196.967
-5.560000	LEVA	-3.000	711509.183	1043390.136	196.676	PRAVA	3.000	711514.537	1043392.843	196.676
-5.540000	LEVA	-3.000	711500.464	1043408.267	196.505	PRAVA	3.000	711505.923	1043410.758	196.505
-5.534670	LEVA	-3.000	711498.264	1043413.157	196.494	PRAVA	3.000	711503.748	1043415.590	196.494
-5.520000	LEVA	-3.000	711492.315	1043426.566	196.530	PRAVA	3.000	711497.799	1043428.999	196.530
-5.500000	LEVA	-3.000	711484.204	1043444.848	196.590	PRAVA	3.000	711489.689	1043447.281	196.590
-5.481506	LEVA	-3.000	711476.704	1043461.753	196.646	PRAVA	3.000	711482.189	1043464.186	196.646
-5.480000	LEVA	-3.000	711476.094	1043463.127	196.650	PRAVA	3.000	711481.577	1043465.564	196.650
-5.460000	LEVA	-3.000	711467.909	1043481.350	196.799	PRAVA	3.000	711473.372	1043483.830	196.799
-5.440000	LEVA	-3.000	711459.578	1043499.506	197.082	PRAVA	3.000	711465.022	1043502.030	197.082
-5.420000	LEVA	-3.000	711451.103	1043517.595	197.428	PRAVA	3.000	711456.526	1043520.162	197.428
-5.400000	LEVA	-3.000	711442.483	1043535.615	197.851	PRAVA	3.000	711447.886	1043538.226	197.851
-5.380000	LEVA	-3.000	711433.720	1043553.566	198.312	PRAVA	3.000	711439.101	1043556.220	198.312
-5.375033	LEVA	-3.000	711431.521	1043558.013	198.432	PRAVA	3.000	711436.897	1043560.678	198.432
-5.360000	LEVA	-3.000	711424.845	1043571.483	198.812	PRAVA	3.000	711430.221	1043574.147	198.812
-5.340000	LEVA	-3.000	711415.963	1043589.403	199.353	PRAVA	3.000	711421.339	1043592.067	199.353
-5.332685	LEVA	-3.000	711412.715	1043595.957	199.560	PRAVA	3.000	711418.091	1043598.621	199.560
-5.320000	LEVA	-3.000	711407.104	1043607.350	199.918	PRAVA	3.000	711412.493	1043609.987	199.918
-5.300000	LEVA	-3.000	711398.375	1043625.371	200.483	PRAVA	3.000	711403.785	1043627.965	200.483
-5.280000	LEVA	-3.000	711389.790	1043643.461	201.045	PRAVA	3.000	711395.221	1043646.012	201.045
-5.267327	LEVA	-3.000	711384.425	1043654.960	201.312	PRAVA	3.000	711389.869	1043657.483	201.312
-5.260000	LEVA	-3.000	711381.344	1043661.607	201.408	PRAVA	3.000	711386.788	1043664.130	201.408
-5.250119	LEVA	-3.000	711377.189	1043670.572	201.470	PRAVA	3.000	711382.633	1043673.095	201.470
-5.240000	LEVA	-3.000	711373.049	1043679.916	201.453	PRAVA	3.000	711378.574	1043682.254	201.453
-5.220000	LEVA	-3.000	711365.803	1043698.767	201.282	PRAVA	3.000	711371.472	1043700.732	201.182
-5.212733	LEVA	-3.000	711363.484	1043705.731	201.141	PRAVA	3.000	711369.199	1043707.558	201.004
-5.210000	LEVA	-3.018	711362.638	1043708.358	201.081	PRAVA	3.018	711368.404	1043710.144	200.930
-5.200000	LEVA	-3.085	711359.747	1043718.037	200.810	PRAVA	3.085	711365.699	1043719.665	200.656
-5.182733	LEVA	-3.200	711355.520	1043734.963	200.345	PRAVA	3.200	711361.780	1043736.294	200.185
-5.180000	LEVA	-3.200	711354.967	1043737.708	200.276	PRAVA	3.200	711361.253	1043738.907	200.116
-5.166240	LEVA	-3.200	711353.064	1043751.671	199.996	PRAVA	3.200	711359.442	1043752.199	199.836
-5.160000	LEVA	-3.158	711352.725	1043758.044	199.904	PRAVA	3.158	711359.037	1043758.283	199.746
-5.150000	LEVA	-3.092	711352.717	1043768.225	199.804	PRAVA	3.092	711358.899	1043768.099	199.649
-5.140000	LEVA	-3.025	711353.212	1043778.339	199.712	PRAVA	3.025	711359.251	1043777.966	199.611
-5.136240	LEVA	-3.000	711353.493	1043782.122	199.693	PRAVA	3.000	711359.477	1043781.685	199.611
-5.120297	LEVA	-3.000	711354.885	1043798.068	199.655	PRAVA	3.000	711360.859	1043797.504	199.654
-5.120000	LEVA	-3.000	711354.913	1043798.364	199.654	PRAVA	3.000	711360.886	1043797.799	199.654
-5.116753	LEVA	-3.000	711355.217	1043801.593	199.664	PRAVA	3.000	711361.191	1043801.035	199.664
-5.100000	LEVA	-3.000	711356.689	1043818.251	199.704	PRAVA	3.000	711362.668	1043817.753	199.704
-5.080000	LEVA	-3.000	711358.230	1043838.156	199.633	PRAVA	3.000	711364.215	1043837.729	199.633
-5.060000	LEVA	-3.000	711359.534	1043858.078	199.428	PRAVA	3.000	711365.524	1043857.721	199.528
-5.050000	LEVA	-3.000	711360.098	1043868.044	199.317	PRAVA	3.000	711366.089	1043867.723	199.467
-5.040000	LEVA	-3.000	711360.602	1043878.013	199.207	PRAVA	3.000	711366.595	1043877.728	199.357
-5.029904	LEVA	-3.000	711361.051	1043888.082	199.120	PRAVA	3.000	711367.046	1043887.832	199.270
-5.020000	LEVA	-3.000	711361.341	1043897.909	199.072	PRAVA	3.000	711367.341	1043897.804	199.222
-5.000000	LEVA	-3.000	711361.203	1043917.760	199.089	PRAVA	3.000	711367.200	1043917.948	199.239
-4.980000	LEVA	-3.000	711360.097	1043937.581	199.218	PRAVA	3.000	711366.078	1043938.061	199.368
-4.960000	LEVA	-3.000	711358.026	1043957.324	199.278	PRAVA	3.000	711363.976	1043958.096	19

-4.880000	LEVA	-3.000	711322.176	1044023.929	199.643	PRAVA	3.000	711326.340	1044028.248	199.718
-4.865000	LEVA	-3.000	711311.377	1044034.340	199.728	PRAVA	3.000	711315.542	1044038.659	199.728
-4.860000	LEVA	-3.000	711307.778	1044037.810	199.756	PRAVA	3.000	711311.942	1044042.129	199.756
-4.840000	LEVA	-3.000	711293.380	1044051.691	199.986	PRAVA	3.000	711297.544	1044056.011	199.986
-4.820000	LEVA	-3.000	711278.982	1044065.573	200.198	PRAVA	3.000	711283.146	1044069.892	200.198
-4.800000	LEVA	-3.000	711264.583	1044079.454	200.373	PRAVA	3.000	711268.748	1044083.774	200.373
-4.799988	LEVA	-3.000	711264.575	1044079.462	200.373	PRAVA	3.000	711268.739	1044083.782	200.373
-4.780000	LEVA	-3.000	711250.204	1044093.372	200.509	PRAVA	3.000	711254.386	1044097.675	200.509
-4.760000	LEVA	-3.000	711235.881	1044107.348	200.610	PRAVA	3.000	711240.080	1044111.634	200.610
-4.756099	LEVA	-3.000	711233.094	1044110.081	200.628	PRAVA	3.000	711237.296	1044114.363	200.628
-4.740000	LEVA	-3.000	711221.603	1044121.356	200.703	PRAVA	3.000	711225.805	1044125.639	200.703
-4.720000	LEVA	-3.000	711207.327	1044135.363	200.800	PRAVA	3.000	711211.530	1044139.646	200.800
-4.717070	LEVA	-3.000	711205.236	1044137.415	200.819	PRAVA	3.000	711209.438	1044141.698	200.819
-4.715000	LEVA	-3.000	711203.758	1044138.865	200.833	PRAVA	3.034	711207.985	1044143.172	200.832
-4.714449	LEVA	-3.000	711203.365	1044139.251	200.840	PRAVA	3.044	711207.598	1044143.565	200.835
-4.700000	LEVA	-3.000	711193.146	1044149.751	201.067	PRAVA	3.285	711197.845	1044153.924	200.952
-4.690000	LEVA	-3.000	711186.723	1044157.901	201.248	PRAVA	3.451	711192.054	1044161.534	201.023
-4.687070	LEVA	-3.000	711185.051	1044160.487	201.284	PRAVA	3.500	711190.599	1044163.875	201.057
-4.680000	LEVA	-3.000	711181.583	1044167.077	201.372	PRAVA	3.500	711187.515	1044169.733	201.144
-4.660000	LEVA	-3.000	711176.585	1044187.440	201.420	PRAVA	3.500	711183.073	1044187.833	201.192
-4.650000	LEVA	-3.000	711176.897	1044197.962	201.336	PRAVA	3.500	711183.350	1044197.186	201.109
-4.648020	LEVA	-3.000	711177.183	1044200.029	201.306	PRAVA	3.500	711183.604	1044199.023	201.109
-4.640000	LEVA	-3.000	711178.993	1044208.196	201.181	PRAVA	3.366	711185.125	1044206.485	201.064
-4.627182	LEVA	-3.000	711183.082	1044220.566	200.850	PRAVA	3.153	711188.876	1044218.496	200.831
-4.626218	LEVA	-3.000	711183.406	1044221.473	200.823	PRAVA	3.137	711189.186	1044219.411	200.811
-4.625000	LEVA	-3.000	711183.813	1044222.617	200.789	PRAVA	3.116	711189.576	1044220.568	200.786
-4.620000	LEVA	-3.000	711185.475	1044227.320	200.739	PRAVA	3.033	711191.167	1044225.322	200.738
-4.618020	LEVA	-3.000	711186.127	1044229.184	200.726	PRAVA	3.000	711191.792	1044227.207	200.726
-4.600000	LEVA	-3.000	711191.924	1044246.199	200.608	PRAVA	3.000	711197.618	1044244.306	200.608