
PROTOKOL GNSS (RTK) MERENI

Firma: RSGeo-pro s.r.o.
Varsavska 16
120 00 Praha 2

Zakazka: prachov
Meril:
Datum: 28.11.2018

Pristroj: Trimble R4s, fw: 5.37, vyr. c.: 5819R91082
Trimble General Survey SW: 2.90
Verze protokolu: 4.95
Souradnicovy system: Pouzit transformacni modul zpresnene globalni transformace Trimble 2018 verze 1.0 schvaleny CUZK pro mereni od 1.1.2018
Zona: Krovak_2018
Soubor rovinne dotransformace: KG2018

Vertikalni transformace

Model kvazigeoidu: CR2005

POUZITE A MERENE BODY

Cislo bodu	Y	X	Z	Presnost	PDOP	Sit*	Pocet Antena	Datum	Zacatek	Doba
Kod bodu			XY Z			sat. vyska; od**	mereni	mereni[s]		
4001.1	675931.25	1009226.46	393.09	0.015	0.025	2.26	1 VRS	14		
3.00 SZ	28.11 13:41	27								
4002.1	675887.61	1009247.29	397.70	0.014	0.022	2.28	1 VRS	14		
3.00 SZ	28.11 13:43	24								
4003.1	675962.55	1009215.40	389.85	0.019	0.039	2.55	1 VRS	14		
3.00 SZ	28.11 13:46	27								
4001.2#	675931.23	1009226.46	393.11	0.021	0.038	2.04	1 VRS	16		
3.00 SZ	28.11 14:11	11								
4002.2	675887.57	1009247.26	397.69	0.011	0.016	2.07	1 VRS	15		
3.00 SZ	28.11 14:12	13								
4003.2	675962.56	1009215.38	389.80	0.016	0.028	1.95	1 VRS	16		
3.00 SZ	28.11 14:14	9								

* Bod meren na: 1 VRS = Trimble VRS NOW CZ

2 = TOPNET

3 RTK = CZEPOS RTK a RTK3; 3 RTK3-MSM = CZEPOS RTK3-MSM;

3 PRS = CZEPOS RTK-PRS; 3 FKP = CZEPOS RTK-FKP;

3 MAX = CZEPOS VRS3-MAX; 3 iMAX = CZEPOS VRS3-iMAX;

3 MAXG = CZEPOS VRS3-MAX-GG; 3 iMAXG = CZEPOS VRS3-iMAX-GG;

3 CMR = CZEPOS VRS3-iMAX-GG_CM; 3 CMR+ = CZEPOS VRS3-iMAX-GG_CM+;

4 = GEOORBIT

5 = ostatni

** Vyska anteny merena od: FC = fazoveho centra; SZ = spodku zavitu; SN = stredu narazniku

Hodnoty PDOP oznacene * jsou mimo nastavenou toleranci: 7.00

Hodnoty s RMS oznacene # jsou mimo nastavenou toleranci: 40.00

Body oznacene ! NoFix ! pred cislem bodu nebyly pri mereni Fixovany!

PRUMEROVANI BODU

Cislo bodu Y X Z dY dX dZ

4002.1 675887.61 1009247.29 397.70 -0.02 -0.01 0.00

4002.2 675887.57 1009247.26 397.69 0.02 0.02 0.01

4002 675887.59 1009247.28 397.70 Cas.odstup:0dnu,0:29:36

4003.1 675962.55 1009215.40 389.85 0.01 -0.01 -0.02

4003.2 675962.56 1009215.38 389.80 0.00 0.01 0.03

4003 675962.56 1009215.39 389.83 Cas.odstup:0dnu,0:28:51

ZPRUMEROVANE BODY

Cislo bodu Y X Z Kod

4002 675887.59 1009247.28 397.70

4003 675962.56 1009215.39 389.83

MERENE BODY

Cislo bodu Y X Z Kod bodu

4001.1 675931.25 1009226.46 393.09

4002.1 675887.61 1009247.29 397.70

4003.1 675962.55 1009215.40 389.85

4001.2# 675931.23 1009226.46 393.11

4002.2 675887.57 1009247.26 397.69

4003.2 675962.56 1009215.38 389.80

PROTOKOL – TOTÁLNÍ STANICE

00NMSDR33 V04-03900828-Nov-18 14:07 213121
10NMprachov ts 122111
13DU1:Meters:
13TSTime Date 11/28/2018 Time 13:48:26
06NM1.00000000000000
13NMConverted from GS v2.80 to GS v2.90
01NM: 000000VX & S Series 00000031 0.00000000000000
08KI 4001 100.000000000000100.000000000000100.000000000000
05NM980.8000000000000.00000000000000
02NM 4001 100.000000000000100.000000000000100.0000000000001.61000000000000
11TP 4001 4002 0.00000000000000
07NM 4001 4002 0.000000000000000.00068950000000
03NM1.50000000000000
09F1 4001 4002 48.564065858909594.13059984467000.00000000000000
09F2 4001 4002 48.5694057411058305.872347201740200.001379000000
08MA 4002 100.000000000000148.359851791517104.582405423327
09F1 4001 4003 33.4211596306969106.490790113906193.257352000000
03NM0.00000000000000
09F1 4001 1 39.3623100000000071.6483860000000117.639897000000
09F1 4001 2 41.1647400000000066.6009780000000118.034275000000
09F1 4001 3 42.8534100000000065.0531909999999125.725206000000
09F1 4001 4 45.0397700000000061.0303609999999126.723247000000
09F1 4001 5 47.8588300000000057.6436430000000126.621108000000
09F1 4001 6 45.8021300000000057.2791480000000111.622173000000
09F1 4001 7 55.1307200000000048.0809860000000123.139324000000
09F1 4001 8 53.2762800000000048.4006700000000116.984038000000dira
09F1 4001 9 48.1211200000000055.3475600000000121.132414000000kruh levy
09F1 4001 10 39.2134500000000074.1731850000000104.144156000000kruh levy
09F1 4001 11 55.5826200000000046.1217980000000116.588784000000dira

PROTOKOL – TOTÁLNÍ STANICE 2

00NMSDR33 V04-03205004-Feb-19 13:11 213121
10NMprachov2 122111
13DU1:Meters:
13TSTime Date 12/21/2018 Time 12:23:24
06NM1.00000000000000
13NMConverted from GS v3.00 to GS v3.20
01NM: 000000VX & S Series 00000031 0.00000000000000
05NM966.200000000000-1.00000000000000
02NM 8001 675932.7458618111009224.84210991394.6662696925590.00000000000000
07NM 8001 1 42.080510647909942.0804733963732
08CC 1 675954.7300000001009253.11000000411.670000000000
03NM0.00000000000000
09F1 8001 1 39.6372800000000071.779000000000042.0835580249821
09F2 8001 1 39.6319100000000328.2209090000000242.083445024982
08CC 2 675954.9600000001009253.04000000415.330000000000
09F1 8001 2 41.4257500000000066.741137000000042.4743690249821
09F2 8001 2 41.4200000000000333.2588040000000242.474350024982
08CC 3 675958.6900000001009250.60000000417.070000000000

09F1 8001 3 42.874900000000065.007536000000050.2320460249821
09F2 8001 3 42.8811400000000334.992405000000250.231964024982
08CC 4 675959.3000000001009250.37000000420.590000000000
09F1 8001 4 45.031790000000060.962206000000051.2531500249821
09F2 8001 4 45.0330700000000339.037704000000251.253068024982
08CC 5 675959.8600000001009250.92000000424.250000000000
09F1 8001 5 47.858640000000057.577209000000051.2402570249821
09F2 8001 5 47.8668900000000342.422701000000251.240144024982
08CC 6 675952.3100000001009255.49000000423.190000000000
09F1 8001 6 46.236880000000057.649400000000036.1685670249821
09F2 8001 6 46.1959900000000342.350603000000236.168548024982
08CC 7 675958.5800000001009252.55000000434.850000000000
09F1 8001 7 55.236510000000048.124389000000047.7730550249821
09F2 8001 7 55.2252400000000351.875615000000247.772973024982
08CC 8 675955.2300000001009254.25000000433.310000000000
09F1 8001 8 53.519920000000048.632390000000041.5556540249821
09F2 8001 8 53.5148300000000351.367613000000241.555572024982
08MA 1 675954.7271230871009253.10352671411.666100739186
08MA 2 675954.9582668261009253.04173081415.335559133083
08MA 3 675958.6930987361009250.60088217417.065462371748
08MA 4 675959.2944569781009250.36556683420.581802974518
08MA 5 675959.8626029871009250.92235700424.251963852507
08MA 6 675952.3104699771009255.49128666423.193120251566
08MA 7 675958.5822997851009252.55242196434.853597457506
08MA 8 675955.2313279821009254.25178811433.312634534314
08RS 8001 675932.7458618111009224.84210991394.666269692559
01NM: 000000VX & S Series 00000031 0.00000000000000
05NM966.000000000000-1.000000000000
02NM 8002 675932.7391002251009224.84305161394.6555880492020.000000000000
07NM 8002 1 42.091026100092742.0909931568687
03NM0.000000000000
09F1 8002 1 39.647720000000071.763010000000042.0816333221403
09F2 8002 1 39.6416800000000328.236900000000242.081551322140
09F1 8002 2 41.435540000000066.724865000000042.4859943221403
09F2 8002 2 41.4329100000000333.275108000000242.485944322140
09F1 8002 3 42.881760000000065.003530000000050.2401353221403
09F2 8002 3 42.8899500000000334.996411000000250.240053322140
09F1 8002 4 45.039150000000060.952599000000051.2621153221403
09F2 8002 4 45.0436600000000339.047405000000251.262033322140
09F1 8002 5 47.871910000000057.568415000000051.2549493221403
09F2 8002 5 47.8779700000000342.431494000000251.254961322140
09F1 8002 6 46.241300000000057.642391000000036.1785343221403
09F2 8002 6 46.2016500000000342.357613000000236.178452322140
09F1 8002 7 55.244190000000048.119194000000047.7893433221403
09F2 8002 7 55.2422400000000351.880809000000247.789261322140
09F1 8002 8 53.528990000000048.626695000000041.5659343221403
09F2 8002 8 53.5190900000000351.373308000000241.565852322140
08MA 1 675954.7224945111009253.10896393411.668749050906
08MA 2 675954.9594599501009253.04219433415.339728331800
08MA 3 675958.6933510091009250.60224300417.061176058560
08MA 4 675959.2937468921009250.36513482420.581873356431
08MA 5 675959.8658372761009250.92081597424.254007576942

08MA 6 675952.3089340151009255.48987192423.189555007919
 08MA 7 675958.5861635881009252.55054704434.854988939259
 08MA 8 675955.2300148711009254.25001730433.310080124034
 08RS 8002 675932.7391002251009224.84305161394.655588049202
 09F1 8002 101 39.679420000000071.669946000000042.0701180000000
 09F2 8002 101 39.6545100000000328.329995000000242.072696000000
 08MA 101 675954.7150155411009253.10867815411.730669937084
 08AV 101 675954.7150152071009253.10867807411.730666567411
 09F1 8002 102 41.477810000000066.640375000000042.4847110000000
 09F2 8002 102 41.4724000000000333.373053000000242.484661000000
 08MA 102 675954.9624305991009253.04713380415.411606794891
 08AV 102 675954.9624304611009253.04713362415.411607046536
 09F1 8002 103 42.914150000000064.922827000000050.2504620000000
 09F2 8002 103 42.9205300000000335.085688000000250.250349000000
 08MA 103 675958.6953077271009250.59584118417.126459064996
 08AV 103 675958.6953076021009250.59584106417.126458922991
 09F1 8002 104 45.094170000000060.875150000000051.2804840000000
 09F2 8002 104 45.0990900000000339.131081000000251.280433000000
 08MA 104 675959.3099718511009250.36597193420.660306457905
 08AV 104 675959.3099717751009250.36597186420.660306396205
 09F1 8002 105 47.906080000000057.511995000000051.2705330000000
 09F2 8002 105 47.9207000000000342.493203000000251.270451000000
 08MA 105 675959.8741632371009250.91608061424.312705515203
 09F1 8002 106 46.330590000000057.593230000000036.1800360000000
 09F2 8002 106 46.2647700000000342.410716000000236.179954000000
 08MA 106 675952.3295613941009255.52057955423.265843011152
 08AV 106 675952.3295606041009255.52057831423.265813950710
 09F1 8002 107 55.309250000000048.075072000000047.8139700000000
 09F2 8002 107 55.3116700000000351.924900000000247.813857000000
 08MA 107 675958.6093132971009252.55387797434.930196303595
 09F1 8002 108 53.528710000000048.626695000000041.5659340000000
 09F2 8002 108 53.5212200000000351.373246000000241.565852000000
 08MA 108 675955.2304148451009254.25054057433.310730121243
 09F1 8002 201 61.066380000000062.962105000000029.5817120000000
 09F2 8002 201 61.0581700000000337.045784000000229.581662000000
 08MA 201 675955.5997732651009270.44793615428.213457510592
 08AV 201 675955.5997732101009270.44793604428.213457429106
 09F1 8002 202 49.599710000000066.880294000000012.6545370000000
 09F2 8002 202 49.6115100000000333.119709000000212.654455000000
 08MA 202 675941.2386995201009267.03788528419.313915162083
 09F1 8002 6001 47.123270000000095.2939540000000327.358453000000
 13TSTime Date 12/21/2018 Time 12:53:37
 09F2 8002 6001 47.1131200000000304.714405000000127.358340000000
 08MA 6001 675890.0227739311009244.42048527398.138565880908
 08AV 6001 675890.0227740661009244.42048521398.138566151230
 09F1 8002 6002 40.8956800000000107.260996000000123.595424000000
 09F2 8002 6002 40.8797800000000292.7439210000000323.601139000000
 08MA 6002 675970.6020373061009210.12772174390.003826619887
 08AV 6002 675970.6020372381009210.12772212390.003827258218
 03NM1.00000000000000
 09F1 8002 4001 2.2699000000000115.9961310000000352.114946000000
 09F2 8002 4001 2.2687200000000283.934055000000152.222856000000

08MA 4001 675931.2389112881009226.44910991393.090166206982
 08AV 4001 675931.2389117991009226.44910875393.090166605282
 09F1 8002 4002 50.580750000000094.9454690000000329.357372000000
 09F2 8002 4002 50.5796800000000305.056656000000129.357773000000
 08MA 4002 675887.5854728461009247.27896868397.668068439819
 09F1 8002 4003 31.5234300000000107.789027000000119.544096000000
 09F2 8002 4003 31.5196800000000292.2130270000000319.541520000000
 08MA 4003 675962.5622741761009215.38913883389.809081538875
 03NMO.00000000000000
 09F1 8002 501 38.791620000000075.896897000000041.910307000000
 01NM: 000000VX & S Series 00000031 0.00000000000000
 09F1 8002 502 39.143440000000074.358686000000041.910151000000
 09F1 8002 503 39.415260000000072.767645000000041.910151000000
 09F1 8002 504 39.839580000000071.256417000000041.910151000000
 09F1 8002 505 40.279480000000069.859357000000041.910151000000
 09F1 8002 506 40.662830000000068.458904000000041.910151000000
 09F1 8002 507 41.211300000000067.138238000000041.910151000000
 09F1 8002 508 41.840740000000065.918490000000041.910151000000
 09F1 8002 509 42.364220000000064.623108000000041.910151000000
 09F1 8002 510 42.884900000000063.342684000000041.910151000000
 09F1 8002 511 43.434710000000062.120933000000041.910151000000
 09F1 8002 512 43.943840000000060.855436000000041.910151000000
 09F1 8002 513 44.606690000000059.755507000000041.908273000000
 09F1 8002 514 45.364910000000058.800555000000041.908273000000
 09F1 8002 515 46.021330000000057.759675000000041.908273000000
 09F1 8002 516 46.703690000000056.728714000000041.908273000000
 09F1 8002 517 47.442620000000055.816102000000041.908273000000
 09F1 8002 518 48.680440000000055.460713000000047.650749000000
 09F1 8002 519 51.040010000000052.980349000000047.650749000000
 09F1 8002 520 51.713060000000052.086544000000047.650749000000
 09F1 8002 521 52.422200000000051.221714000000047.650749000000
 09F1 8002 522 53.066500000000050.286696000000047.650749000000
 09F1 8002 523 53.821420000000049.513930000000047.650749000000
 09F1 8002 524 54.610060000000048.771360000000047.650749000000
 09F1 8002 525 55.294170000000047.934882000000047.650749000000
 09F1 8002 526 55.925090000000047.037728000000047.650749000000
 09F1 8002 527 56.714020000000046.312338000000047.650749000000
 09F1 8002 528 57.527570000000045.658764000000047.650749000000
 13TSTime Date 12/21/2018 Time 13:23:56
 09F1 8002 601 39.306450000000074.439953000000039.042480000000
 09F1 8002 602 39.649490000000072.939856000000039.042480000000
 09F1 8002 603 40.056670000000071.444484000000039.042480000000
 09F1 8002 604 40.477540000000070.049060000000039.042480000000
 09F1 8002 605 40.901010000000068.638147000000039.042480000000
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 09F1 8002 608 42.378220000000064.638566000000039.042480000000
 09F1 8002 609 42.892790000000063.354262000000039.042480000000
 09F1 8002 610 43.417410000000062.100218000000039.262936000000
 09F1 8002 611 43.931410000000060.848583000000039.262936000000
 09F1 8002 612 44.623550000000059.789521000000039.262185000000
 09F1 8002 613 45.266740000000058.691063000000039.262185000000

09F1 8002 614 45.929040000000057.653875000000039.262185000000
09F1 8002 615 46.584630000000056.601198000000039.262185000000
09F1 8002 616 47.345510000000055.688960000000039.262185000000
09F1 8002 617 47.971270000000054.666417000000039.262185000000
09F1 8002 618 48.628670000000053.667187000000039.262185000000
09F1 8002 619 49.327260000000052.739648000000039.262185000000
09F1 8002 620 50.123810000000051.939813000000039.262185000000
09F1 8002 621 50.972200000000051.195022000000039.262185000000
09F1 8002 622 51.705880000000050.364959000000039.262185000000
09F1 8002 623 52.435080000000049.524162000000039.262185000000
09F1 8002 624 53.918560000000047.911944000000039.262185000000
09F1 8002 625 54.755570000000047.255805000000039.262185000000
09F1 8002 626 55.642300000000046.658025000000039.262185000000
01NM: 000000VX & S Series 00000031 0.00000000000000
05NM965.000000000000-1.000000000000
02NM 8002 675932.7391002251009224.84305161394.6555880492020.00000000000000
07NM 8002
13F1Deleted point: 6002
13F2Deleted point: 6002
13F1Deleted point: 103
13F2Deleted point: 103
01NM: 000000VX & S Series 00000031 0.00000000000000
05NM965.000000000000-1.000000000000
02NM 8005 0.00000000000000
07NM 8005
13F1Deleted point: 6002
13F2Deleted point: 6002
13F1Deleted point: 103
13F2Deleted point: 103
13F1Deleted point: 202
13F2Deleted point: 202
01NM: 000000VX & S Series 00000031 0.00000000000000
05NM964.900000000000-1.000000000000
02NM 8010 675961.4808475701009214.07202560391.2689292954510.00000000000000
07NM 8010 1 389.098730683202389.098722726123
03NM0.00000000000000
09F1 8010 1 44.588170000000069.7351970000000389.079178533432
09F2 8010 1 44.5584500000000330.264806000000189.079128533432
09F1 8010 3 44.816390000000060.9222140000000395.137520533432
09F2 8010 3 44.7956600000000339.077696000000195.137532533432
13F1Deleted point: 6002
13F2Deleted point: 6002
13F1Deleted point: 6001
13F2Deleted point: 6001
09F1 8010 6001 77.925810000000094.4040900000000325.573115533432
13TSTime Date 12/21/2018 Time 13:54:03
09F2 8010 6001 77.9181300000000305.611152000000125.573103533432
09F1 8010 5 49.485540000000053.5525000000000397.210738533432
09F2 8010 5 49.4654300000000346.447503000000197.210718533432
08MA 1 675954.7157934931009253.12066123411.669665778656
08MA 3 675958.6860716701009250.59153172417.077192884469
08MA 6001 675890.0398452791009244.42019345398.118724512717

08MA 5 675959.8654758241009250.91757529424.247485103907
 08RS 8010 675961.4808475701009214.07202560391.268929295451
 09F1 8010 203 48.366830000000059.4079410000000399.418764000000
 09F2 8010 203 48.4143400000000340.591999000000199.418714000000
 08MA 203 675961.1258450871009252.95273725420.074830318783
 08AV 203 675961.1258450911009252.95273630420.074816434390
 13TSTime Date 01/07/2019 Time 09:29:33

VÝPOČET OPRAVENÝCH SMĚRŮ Z MĚŘENÍ V I. A II. POLOZE

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?: Podezřelé měření:

oprava kolimační chyby > 0.0200g,
 oprava indexové chyby > 0.0200g,
 oprava délky > 0.100m

x: Chybné měření:

oprava kolimační chyby > 0.0400g,
 oprava indexové chyby > 0.0400g,
 oprava délky > 0.200m

Stanovisko: 8001

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
	Kol	V Kol	Index	V Index	V D	V D			
1	42.0836	242.0834	71.7790	328.2209	35.806	35.801	42.0835	71.7790	35.804
	-0.0001	-0.0001	0.0000	0.0000	-0.002				
2	42.4744	242.4744	66.7411	333.2588	35.900	35.895	42.4744	66.7412	35.897
	-0.0000	-0.0000	0.0000	0.0000	-0.002				
3	50.2320	250.2320	65.0075	334.9924	36.560	36.565	50.2320	65.0076	36.562
	-0.0000	-0.0000	0.0000	0.0000	0.003				
4	51.2532	251.2531	60.9622	339.0377	36.827	36.828	51.2531	60.9623	36.828
	-0.0000	-0.0000	0.0000	0.0000	0.001				
5	51.2403	251.2401	57.5772	342.4227	37.620	37.627	51.2402	57.5773	37.623
	-0.0001	-0.0001	0.0000	0.0000	0.003				
6	36.1686	236.1685	57.6494	342.3506	36.378	36.346	36.1686	57.6494	36.362
	-0.0000	-0.0000	-0.0000	-0.0000	-0.016				
7	47.7731	247.7730	48.1244	351.8756	37.891	37.883	47.7730	48.1244	37.887
	-0.0000	-0.0000	-0.0000	-0.0000	-0.004				
8	41.5557	241.5556	48.6324	351.3676	37.023	37.019	41.5556	48.6324	37.021

-0.0000 -0.0000 -0.0000 -0.0000 -0.002

Stanovisko: 8002

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka	
	Kol	V Kol	Index	V Index		V D				
1	42.0816	242.0816	71.7630	328.2369	35.811	35.806	42.0816	71.7631	35.809	-0.0000 -0.0000 0.0000 0.0000 -0.003
2	42.4860	242.4859	66.7249	333.2751	35.903	35.901	42.4860	66.7249	35.902	-0.0000 -0.0000 0.0000 0.0000 -0.001
3	50.2401	250.2401	65.0035	334.9964	36.564	36.571	50.2401	65.0036	36.567	-0.0000 -0.0000 0.0000 0.0000 0.004
4	51.2621	251.2620	60.9526	339.0474	36.829	36.833	51.2621	60.9526	36.831	-0.0000 -0.0000 -0.0000 -0.0000 0.002
5	51.2549	251.2550	57.5684	342.4315	37.626	37.631	51.2550	57.5685	37.629	0.0000 0.0000 0.0000 0.0000 0.002
6	36.1785	236.1785	57.6424	342.3576	36.378	36.347	36.1785	57.6424	36.362	-0.0000 -0.0000 -0.0000 -0.0000 -0.016
7	47.7893	247.7893	48.1192	351.8808	37.893	37.891	47.7893	48.1192	37.892	-0.0000 -0.0000 -0.0000 -0.0000 -0.001
8	41.5659	241.5659	48.6267	351.3733	37.025	37.019	41.5659	48.6267	37.022	-0.0000 -0.0000 -0.0000 -0.0000 -0.003
101	42.0701	242.0727	71.6699	328.3300	35.815	35.792	42.0714	71.6700	35.804	0.0013 0.0013 0.0000 0.0000 -0.011
102	42.4847	242.4847	66.6404	333.3731	35.912	35.903	42.4847	66.6337	35.908	-0.0000 -0.0000 -0.0067 -0.0067 -0.005
103	50.2505	250.2503	64.9228	335.0857	36.563	36.566	50.2504	64.9186	36.564	-0.0001 -0.0001 -0.0043 -0.0043 0.001
104	51.2805	251.2804	60.8752	339.1311	36.843	36.844	51.2805	60.8720	36.844	-0.0000 -0.0000 -0.0031 -0.0031 0.001
105	51.2705	251.2705	57.5120	342.4932	37.627	37.636	51.2705	57.5094	37.632	-0.0000 -0.0000 -0.0026 -0.0026 0.005
106	36.1800	236.1800	57.5932	342.4107	36.426	36.373	36.1800	57.5913	36.399	-0.0000 -0.0000 -0.0020 -0.0020 -0.027
107	47.8140	247.8139	48.0751	351.9249	37.909	37.911	47.8139	48.0751	37.910	

	-0.0001	-0.0001	0.0000	0.0000	0.001					
108	41.5659	241.5659	48.6267	351.3732	37.025	37.020	41.5659	48.6267	37.023	
	-0.0000	-0.0000	0.0000	0.0000	-0.003					
201	29.5817	229.5817	62.9621	337.0458	51.020	51.009	29.5817	62.9582	51.014	
	-0.0000	-0.0000	-0.0039	-0.0039	-0.006					
202	12.6545	212.6545	66.8803	333.1197	43.038	43.048	12.6545	66.8803	43.043	
	-0.0000	-0.0000	-0.0000	-0.0000	0.005					
6001	327.3585	127.3583	95.2940	304.7144	46.995	46.984	327.3584	95.2898	46.989	
	-0.0001	-0.0001	-0.0042	-0.0042	-0.005					
6002	123.5954	323.6011	107.2610	292.7439	40.630	40.615	123.5983	107.2585		
40.622										
	0.0029	0.0029	-0.0025	-0.0025	-0.008					
x	4001	352.1149	152.2229	115.9961	283.9341	2.199	2.197	352.1689	116.0310	2.198
		0.0540	0.0540	0.0349	0.0349	-0.001				
	4002	329.3574	129.3578	94.9455	305.0567	50.421	50.420	329.3576	94.9444	50.421
		0.0002	0.0002	-0.0011	-0.0011	-0.001				
	4003	119.5441	319.5415	107.7890	292.2130	31.288	31.284	119.5428	107.7880	
31.286										
		-0.0013	-0.0013	-0.0010	-0.0010	-0.002				

Stanovisko: 8010

	Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
		Kol	V Kol	Index	V Index		V D			
1	389.0792	189.0791	69.7352	330.2648	39.644	39.617	389.0792	69.7352	39.631	
		-0.0000	-0.0000	-0.0000	-0.0000	-0.013				
3	395.1375	195.1375	60.9222	339.0777	36.635	36.618	395.1375	60.9223	36.627	
		0.0000	0.0000	0.0000	0.0000	-0.008				
6001	325.5731	125.5731	94.4041	305.6112	77.625	77.616	325.5731	94.3965	77.620	
		-0.0000	-0.0000	-0.0076	-0.0076	-0.005				
5	397.2107	197.2107	53.5525	346.4475	36.889	36.874	397.2107	53.5525	36.881	
		-0.0000	-0.0000	-0.0000	-0.0000	-0.007				
203	399.4188	199.4187	59.4079	340.5920	38.864	38.902	399.4187	59.4080	38.883	
		-0.0000	-0.0000	0.0000	0.0000	0.019				

STATISTIKA:

=====

Vodorovné směry:

Počet vyhovujících směrů : 35
Počet podezřelých směrů : 0
Počet chybných směrů : 1
Odhad kolimační chyby : 0.0001g
Nastavená kolimační chyba : 0.0000g
Oprava kolimační chyby : 0.0001g

Zenitové úhly:

Počet vyhovujících zenitových úhlů : 35
Počet podezřelých zenitových úhlů : 1
Počet chybných zenitových úhlů : 0
Odhad indexové chyby : -0.0001g
Nastavená indexová chyba : 0.0000g
Oprava indexové chyby : -0.0001g

Délky:

Počet opravených délek : 36
Počet podezřelých délek : 0
Počet chybných délek : 0

OPRAVA INDEXOVÉ CHYBY

=====

Opravený soubor : C:\Users\Joska\Downloads\prachov2.mes
Nastavený teodolit: Neznámý teodolit
Indexová chyba : 0.0000g

IMPORT SOUŘADNIC

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Název vstupního souboru : C:\Users\Joska\Desktop\Uklid\CoChceTerka\souradnice - vlicovaky.txt
Název výstupního souboru : C:\Users\Joska\Desktop\Uklid\CoChceTerka\souradnice - vlicovaky.crd

STATISTIKA:

Počet chybných položek : 0
Počet načtených bodů : 14
Počet bodů s výškou / bez výšky : 14 / 0
Počet bodů s kódem / bez kódu : 4 / 10
Číslo min / Číslo max : 1 / 4003
Y min / Y max : 675887.590 / 675962.560
X min / X max : 1009215.390 / 1009257.895
Z min / Z max : 389.830 / 436.330

Kontrola duplicity - soubor C:\Users\Joska\Desktop\Uklid\CoChceTerka\souradnice - vlicovaky.crd

Počet duplicitních položek: 0

[1] POLÁRNÍ METODA DÁVKOU

=====

Volné stanovisko: 8001

Transformační parametry:

Typ transformace: Podobnostní (4 parametry)

Měřítko : 0.999368674257 (-63.1 mm/100m)

Souřadnicové opravy na identických bodech:

Bod	vY	vX
1	-0.001	0.005
2	0.004	0.001
3	-0.001	0.000
4	0.004	-0.001
5	-0.002	0.001
6	-0.001	-0.002
7	-0.001	-0.004
8	-0.002	-0.000

Střední souřadnicová chyba klíče m0: 0.002

Určení výšky:

Bod	Z	dH	Váha	Zp	vZ
1	71.7790	16.991	0.0008	394.674	0.009
2	66.7412	20.658	0.0008	394.670	0.013
3	65.0076	22.385	0.0007	394.684	-0.001
4	60.9623	25.901	0.0007	394.688	-0.005
5	57.5773	29.567	0.0007	394.685	-0.002
6	57.6494	28.508	0.0008	394.681	0.002
7	48.1244	40.158	0.0007	394.690	-0.007
8	48.6324	38.621	0.0007	394.693	-0.010

Test protínání:

Minimální úhel protnutí [g]: Skutečná hodnota: 15.0901, Mezní hodnota: 30.0000

Byl překročen geometrický parametr stanovený pro práci v katastru nemovitostí.

Výsledné souřadnice:

Bod	Y	X	Z
8001	675932.763	1009224.855	394.683

Orientace osnovy na bodě 8001:

Bod	Y	X	Z
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8001 675932.763 1009224.855 394.683

Orientace:

Bod	Y	X	Z
1	675954.727	1009253.107	411.665
2	675954.962	1009253.040	415.328
3	675958.690	1009250.601	417.069
4	675959.296	1009250.365	420.589
5	675959.858	1009250.923	424.252
6	675952.311	1009255.486	423.189
7	675958.579	1009252.547	434.848
8	675955.229	1009254.249	433.314

Bod	Hz	Směrník	V or.	Délka	V délky	V přev.	m0 Red.
1	42.0835	42.0696	-0.0065	35.804	-0.019	-0.009	0.0036 *
2	42.4744	42.4718	0.0048	35.897	-0.020	-0.013	0.0041
3	50.2320	50.2230	-0.0016	36.562	-0.023	0.001	0.0045
4	51.2531	51.2512	0.0056	36.828	-0.021	0.005	0.0039
5	51.2402	51.2297	-0.0031	37.623	-0.024	0.002	0.0044
6	36.1686	36.1612	0.0001	36.362	-0.025	-0.002	0.0046
7	47.7730	47.7689	0.0034	37.887	-0.028	0.007	0.0044
8	41.5556	41.5454	-0.0027	37.021	-0.025	0.010	0.0044

Orientační posun : 399.9925g
 $m0 = \text{SQRT}([vv]/(n-1))$: 0.0043g
 $\text{SQRT}([vv]/(n*(n-1)))$: 0.0015g

Test polární metody:

Oprava orientace [g]: Skutečná hodnota: 0.0065, Mezní hodnota: 0.0800
Mezní odchylky stanovené pro práci v katastru nemovitostí byly dodrženy.

Podrobné body

Volné stanovisko: 8002

Transformační parametry:

Typ transformace: Podobnostní (4 parametry)
Měřítko : 0.999851318658 (-14.9 mm/100m)

Souřadnicové opravy na identických bodech:

Bod	vY	vX
1	0.005	-0.002
2	0.003	-0.001
3	-0.002	-0.000
4	0.004	0.001
5	-0.006	0.003

6	0.003	-0.003
7	-0.006	-0.003
8	-0.000	-0.000
4001	0.002	0.007
4001	-0.002	0.006
4002	-0.004	-0.004
4003	0.002	-0.003

Střední souřadnicová chyba klíče m0: 0.003

Určení výšky:

Bod	Z	dH	Váha	Zp	vZ
1	71.7631	17.012	0.0008	394.653	0.013
2	66.7249	20.682	0.0008	394.646	0.020
3	65.0036	22.401	0.0007	394.668	-0.001
4	60.9526	25.925	0.0007	394.664	0.002
5	57.5685	29.592	0.0007	394.660	0.007
6	57.6424	28.529	0.0008	394.660	0.006
7	48.1192	40.187	0.0007	394.661	0.006
8	48.6267	38.649	0.0007	394.665	0.001
4001	115.9961	-1.565	0.2063	394.665	0.001
4001	116.0659	-1.568	0.2063	394.668	-0.001
4002	94.9444	3.012	0.0004	394.688	-0.022
4003	107.7880	-4.846	0.0010	394.676	-0.010

Test protínání:

Minimální úhel protnutí [g]: Skutečná hodnota: 98.9677, Mezní hodnota: 30.0000
Geometrické parametry stanovené pro práci v katastru nemovitostí byly dodrženy.

Výsledné souřadnice:

Bod	Y	X	Z
8002	675932.740	1009224.848	394.666

Orientace osnovy na bodě 8002:

Bod	Y	X	Z
8002	675932.740	1009224.848	394.666

Orientace:

Bod	Y	X	Z
1	675954.727	1009253.107	411.665
2	675954.962	1009253.040	415.328
3	675958.690	1009250.601	417.069
4	675959.296	1009250.365	420.589

5 675959.858 1009250.923 424.252
 6 675952.311 1009255.486 423.189
 7 675958.579 1009252.547 434.848
 8 675955.229 1009254.249 433.314
 4001 675931.240 1009226.460 393.100
 4001 675931.240 1009226.460 393.100
 4002 675887.590 1009247.280 397.700
 4003 675962.560 1009215.390 389.830

Bod	Hz	Směrník	V or.	Délka	V délky	V přev.	m0	Red.
1	42.0816	42.0942	-0.0115	35.809	-0.004	-0.013	0.0536	
2	42.4860	42.4961	-0.0140	35.902	-0.005	-0.019	0.0535	
3	50.2401	50.2426	-0.0217	36.567	-0.007	0.002	0.0532	
4	51.2621	51.2701	-0.0162	36.831	-0.002	-0.001	0.0534	
5	51.2550	51.2481	-0.0311	37.629	-0.009	-0.006	0.0527	
6	36.1785	36.1886	-0.0141	36.362	-0.007	-0.006	0.0535	
7	47.7893	47.7892	-0.0243	37.892	-0.012	-0.005	0.0531	
8	41.5659	41.5695	-0.0205	37.022	-0.006	-0.000	0.0533	
4001	352.1149	352.2902	0.1511	2.199	0.003	-0.001	0.0198	*
4001	352.2229	352.2902	0.0431	2.197	0.005	0.002	0.0518	
4002	329.3576	329.3552	-0.0266	50.421	-0.006	0.022	0.0530	
4003	119.5428	119.5527	-0.0142	31.286	-0.002	0.010	0.0535	

Orientační posun : 0.0242g
 $m0 = \text{SQRT}([v\bar{v}]/(n-1))$: 0.0512g
 $\text{SQRT}([v\bar{v}]/(n*(n-1)))$: 0.0148g

Test polární metody:

Oprava orientace [g]: Skutečná hodnota: 0.1511, Mezní hodnota: 0.0800
 Byla překročena mezní odchylka stanovená pro práci v katastru nemovitostí.

Podrobné body

Polární metoda

Bod	Hz	Z	dH	V cíle	Délka	Y	X	Z	Popis
101	42.0714	71.6700		0.000	35.804	675954.727	1009253.106	411.741	
102	42.4847	66.6337		0.000	35.908	675954.974	1009253.044	415.422	
103	50.2504	64.9186		0.000	36.564	675958.706	1009250.591	417.137	
104	51.2805	60.8720		0.000	36.844	675959.321	1009250.361	420.671	
105	51.2705	57.5094		0.000	37.632	675959.885	1009250.911	424.324	
106	36.1800	57.5913		0.000	36.399	675952.342	1009255.518	423.276	
107	47.8139	48.0751		0.000	37.910	675958.621	1009252.549	434.941	
108	41.5659	48.6267		0.000	37.023	675955.243	1009254.247	433.322	
201	29.5817	62.9582		0.000	51.014	675955.618	1009270.444	428.224	
202	12.6545	66.8803		0.000	43.043	675941.256	1009267.040	419.325	
6001	327.3584	95.2898		0.000	46.989	675890.031	1009244.442	398.149	
6002	123.5983	107.2585		0.000	40.622	675970.597	1009210.118	390.014	
501	41.9103	75.8969		0.000	36.044	675954.802	1009253.351	409.004	
502	41.9102	74.3587		0.000	36.011	675954.782	1009253.325	410.009	

503	41.9102	72.7676	0.000	35.864	675954.692	1009253.209	411.017
504	41.9102	71.2564	0.000	35.847	675954.682	1009253.195	412.049
505	41.9102	69.8594	0.000	35.849	675954.683	1009253.197	413.032
506	41.9102	68.4589	0.000	35.773	675954.636	1009253.137	413.998
507	41.9102	67.1382	0.000	35.842	675954.679	1009253.191	415.007
508	41.9102	65.9185	0.000	35.987	675954.767	1009253.306	416.011
509	41.9102	64.6231	0.000	35.990	675954.769	1009253.308	417.015
510	41.9102	63.3427	0.000	35.970	675954.757	1009253.293	418.018
511	41.9102	62.1209	0.000	35.970	675954.757	1009253.293	419.011
512	41.9102	60.8554	0.000	35.895	675954.711	1009253.233	420.015
513	41.9083	59.7555	0.000	35.987	675954.767	1009253.307	421.024
514	41.9083	58.8006	0.000	36.192	675954.892	1009253.469	422.017
515	41.9083	57.7597	0.000	36.257	675954.932	1009253.520	423.010
516	41.9083	56.7287	0.000	36.324	675954.973	1009253.573	424.022
517	41.9083	55.8161	0.000	36.468	675955.061	1009253.687	425.013
518	47.6507	55.4607	0.000	37.245	675958.097	1009252.128	426.013
519	47.6507	52.9803	0.000	37.740	675958.434	1009252.491	429.028
520	47.6507	52.0865	0.000	37.745	675958.437	1009252.495	430.015
521	47.6507	51.2217	0.000	37.773	675958.456	1009252.515	431.016
522	47.6507	50.2867	0.000	37.692	675958.401	1009252.456	432.020
523	47.6507	49.5139	0.000	37.766	675958.452	1009252.510	433.013
524	47.6507	48.7714	0.000	37.863	675958.518	1009252.581	434.019
525	47.6507	47.9349	0.000	37.810	675958.482	1009252.542	435.012
526	47.6507	47.0377	0.000	37.663	675958.382	1009252.434	436.008
527	47.6507	46.3123	0.000	37.714	675958.416	1009252.472	437.023
528	47.6507	45.6588	0.000	37.812	675958.483	1009252.544	438.022
601	39.0425	74.4400	0.000	36.181	675953.575	1009254.428	410.027
602	39.0425	72.9399	0.000	36.121	675953.541	1009254.379	411.016
603	39.0425	71.4445	0.000	36.094	675953.525	1009254.357	412.037
604	39.0425	70.0491	0.000	36.080	675953.517	1009254.345	413.015
605	39.0425	68.6381	0.000	36.038	675953.493	1009254.311	414.010
606	39.0425	67.2173	0.000	35.970	675953.454	1009254.255	415.021
607	39.0425	65.8964	0.000	35.978	675953.458	1009254.262	416.022
608	39.0425	64.6386	0.000	36.007	675953.475	1009254.285	417.013
609	39.0425	63.3543	0.000	35.981	675953.460	1009254.264	418.015
610	39.2629	62.1002	0.000	35.948	675953.543	1009254.165	419.014
611	39.2629	60.8486	0.000	35.882	675953.505	1009254.112	420.012
612	39.2622	59.7895	0.000	36.014	675953.581	1009254.219	421.014
613	39.2622	58.6911	0.000	36.067	675953.611	1009254.263	422.021
614	39.2622	57.6539	0.000	36.137	675953.652	1009254.320	423.013
615	39.2622	56.6012	0.000	36.173	675953.673	1009254.349	424.020
616	39.2622	55.6890	0.000	36.332	675953.765	1009254.479	425.023
617	39.2622	54.6664	0.000	36.314	675953.754	1009254.464	426.012
618	39.2622	53.6672	0.000	36.308	675953.751	1009254.459	427.015
619	39.2622	52.7396	0.000	36.348	675953.774	1009254.492	428.013
620	39.2622	51.9398	0.000	36.506	675953.865	1009254.621	429.012
621	39.2622	51.1950	0.000	36.713	675953.985	1009254.789	430.026
622	39.2622	50.3650	0.000	36.771	675954.019	1009254.837	431.018
623	39.2622	49.5242	0.000	36.799	675954.035	1009254.860	432.019
624	39.2622	47.9119	0.000	36.855	675954.067	1009254.905	434.022
625	39.2622	47.2558	0.000	37.014	675954.159	1009255.035	435.017
626	39.2622	46.6580	0.000	37.226	675954.282	1009255.208	436.021

Volné stanovisko: 8010

Transformační parametry:

Typ transformace: Podobnostní (4 parametry)

Měřítko : 1.000106931267 (10.7 mm/100m)

Souřadnicové opravy na identických bodech:

Bod	vY	vX
1	0.009	-0.016
3	0.002	0.009
6001	-0.001	0.001
5	-0.010	0.006

Střední souřadnicová chyba klíče m0: 0.008

Určení výšky:

Bod	Z	dH	Váha	Zp	vZ
1	69.7352	20.395	0.0006	391.270	-0.006
3	60.9223	25.818	0.0007	391.251	0.013
6001	94.3965	6.851	0.0002	391.298	-0.034
5	53.5525	32.988	0.0007	391.264	0.000

Test protínání:

Minimální úhel protnutí [g]: Skutečná hodnota: 71.6213, Mezní hodnota: 30.0000

Geometrické parametry stanovené pro práci v katastru nemovitostí byly dodrženy.

Výsledné souřadnice:

Bod	Y	X	Z
8010	675961.471	1009214.067	391.264

Orientace osnovy na bodě 8010:

Bod	Y	X	Z
8010	675961.471	1009214.067	391.264

Orientace:

Bod	Y	X	Z
1	675954.727	1009253.107	411.665
3	675958.690	1009250.601	417.069
6001	675890.031	1009244.442	398.149
5	675959.858	1009250.923	424.252

Bod	Hz	Směrník	V or.	Délka	V délky	V přev.	m0	Red.
1	389.0792	389.1101	0.0104	39.631	-0.013	0.006	0.0109	
3	395.1375	395.1633	0.0053	36.627	0.013	-0.013	0.0131	
6001	325.5731	325.5937	0.0000	77.620	0.009	0.034	0.0138	
5	397.2107	397.2156	-0.0156	36.881	0.010	0.000	0.0052	*

Orientační posun : 0.0206g
 $m0 = \text{SQRT}([vv]/(n-1))$: 0.0113g
 $\text{SQRT}([vv]/(n*(n-1)))$: 0.0056g

Test polární metody:

Oprava orientace [g]: Skutečná hodnota: 0.0156, Mezní hodnota: 0.0800
 Mezní odchylky stanovené pro práci v katastru nemovitostí byly dodrženy.

Podrobné body

Polární metoda

Bod	Hz	Z	dH	V cíle	Délka	Y	X	Z	Popis
203	399.4187	59.4080			0.000	38.883	675961.129	1009252.948	420.070

SOUŘADNICE VLÍCOVACÍCH BODŮ, BODŮ PODÉLNÝCH PROFILŮ A STANOVISEK

Č.B - vřicovací body	X	Y	Z
101	-675954.727	-1009253.106	411.741
102	-675954.974	-1009253.044	415.422
103	-675958.706	-1009250.591	417.137
104	-675959.321	-1009250.361	420.671
105	-675959.885	-1009250.911	424.324
106	-675952.342	-1009255.518	423.276
107	-675958.621	-1009252.549	434.941
108	-675955.243	-1009254.247	433.322
201	-675955.618	-1009270.444	428.224
202	-675941.256	-1009267.040	419.325
203	-675961.129	-1009252.948	420.070
Č.B. - body profilů			
501	-675954.802	-1009253.351	409.004
502	-675954.782	-1009253.325	410.009
503	-675954.692	-1009253.209	411.017
504	-675954.682	-1009253.195	412.049
505	-675954.683	-1009253.197	413.032
506	-675954.636	-1009253.137	413.998
507	-675954.679	-1009253.191	415.007
508	-675954.767	-1009253.306	416.011
509	-675954.769	-1009253.308	417.015
510	-675954.757	-1009253.293	418.018
511	-675954.757	-1009253.293	419.011
512	-675954.711	-1009253.233	420.015
513	-675954.767	-1009253.307	421.024
514	-675954.892	-1009253.469	422.017
515	-675954.932	-1009253.520	423.010
516	-675954.973	-1009253.573	424.022
517	-675955.061	-1009253.687	425.013
518	-675958.097	-1009252.128	426.013
519	-675958.434	-1009252.491	429.028
520	-675958.437	-1009252.495	430.015
521	-675958.456	-1009252.515	431.016
522	-675958.401	-1009252.456	432.020
523	-675958.452	-1009252.510	433.013
524	-675958.518	-1009252.581	434.019
525	-675958.482	-1009252.542	435.012
526	-675958.382	-1009252.434	436.008
527	-675958.416	-1009252.472	437.023
528	-675958.483	-1009252.544	438.022
601	-675953.575	-1009254.428	410.027
602	-675953.541	-1009254.379	411.016
603	-675953.525	-1009254.357	412.037

604	-675953.517	-1009254.345	413.015
605	-675953.493	-1009254.311	414.010
606	-675953.454	-1009254.255	415.021
607	-675953.458	-1009254.262	416.022
608	-675953.475	-1009254.285	417.013
609	-675953.460	-1009254.264	418.015
610	-675953.543	-1009254.165	419.014
611	-675953.505	-1009254.112	420.012
612	-675953.581	-1009254.219	421.014
613	-675953.611	-1009254.263	422.021
614	-675953.652	-1009254.320	423.013
615	-675953.673	-1009254.349	424.020
616	-675953.765	-1009254.479	425.023
617	-675953.754	-1009254.464	426.012
618	-675953.751	-1009254.459	427.015
619	-675953.774	-1009254.492	428.013
620	-675953.865	-1009254.621	429.012
621	-675953.985	-1009254.789	430.026
622	-675954.019	-1009254.837	431.018
623	-675954.035	-1009254.860	432.019
624	-675954.067	-1009254.905	434.022
625	-675954.159	-1009255.035	435.017
626	-675954.282	-1009255.208	436.021
Č.B. - stanoviska			
4001	-675931.240	-1009226.460	393.100
4002	-675887.590	-1009247.280	397.700
4003	-675962.560	-1009215.390	389.830
6001	-675890.031	-1009244.442	398.149
6002	-675970.597	-1009210.118	390.014
8001	-675932.763	-1009224.855	394.683
8002	-675932.740	-1009224.848	394.666
8010	-675961.471	-1009214.067	391.264