

ИНВЕСТИЦИОНЕН ПРОЕКТ

ОБЕКТ: " Изграждане на тротоари и междублокови пространства от ОТ753 – ОТ798 – ОТ799 – ОТ801– ОТ802 – ОТ800 – ОТ797 до ОТ796, стр. кв. 73 - гр.Белене"

ВЪЗЛОЖИТЕЛ: ОБЩИНА БЕЛЕНЕ

ИЗПЪЛНИТЕЛ: „САИЕРА-15” ЕООД

ЧАСТ: ГЕОДЕЗИЯ

ФАЗА: РП

Заявление с/по
ст. 4 ал. 1
Регл. (ЕС) 2016/679
06.02.2018 г.
С проект № 1/30.01.2018 г.
7-в ЕСУТ

 Секция: гпг Части на проекта: по удостоверение за ПП	КАМАРА НА ИНЖЕНЕРИТЕ В ИНВЕСТИЦИОННОТО ПРОЕКТИРАНЕ
	ПЪЛНА ПРОЕКТАНТСКА ПРАВОСПОСОБНОСТ
	Регистрационен № 08441
	инж. БЕСЕЛИН БОРИСОВ ТРИНСКИ
	Подпис: _____
	ВАЖИ С ВАЛИДНО УДОСТОВЕРЕНИЕ ЗА _____ ДИНА

Проектант:

Заявление с/по ст. 4 ал. 1
Регл. (ЕС) 2016/679

/инж. В. СТРИНСКИ/

Управител :

Заявление с/по ст. 4 ал. 1
Регл. (ЕС) 2016/679

/Саша Захаријева /

СЪГЛАСУВАЛИ:

ПЪТНА, ОД, ВОБД, ПУСО и ПБЗ: инж. Н. Дженева

ВЪЗЛОЖИТЕЛ: ОБЩИНА БЕЛЕНЕ

Заявление
с/по ст. 4 ал. 1
Регл. (ЕС)
2016/679

НОЕМВРИ 2017 г.

София

СЪДЪРЖАНИЕ

1. Челен лист;
2. Удостоверения за проектантска правоспособност;
3. Удостоверение АГКК
4. Застрахователна полица
5. Обяснителна записка
6. Координатен регистър на работните точки
7. Данни от измерванията на геод. снимка
8. Чертежи:
 - 8.1.Геодезическо заснемане М 1:500

ОБЯСНИТЕЛНА ЗАПИСКА

Относно: ОБЕКТ:" Изграждане на тротоари и междублокови пространства от ОТ753-ОТ798-ОТ799-ОТ801-ОТ802-ОТ800-ОТ797 до ОТ796 в стр.кв.73-гр.Белене"

Настоящият работен проект е изготвен по искане на инвеститора - Община Белене.

За нуждите на проекта е направено Геодезично заснемане на обекта.

За основа е ползвана геодезичната мрежа в района на обекта, а именно тт228, тт229 и новосъздадените пт3, пт4, пт5 и пт6 (трайно стабилизирани с маркиращи пирони), координатите и котите, на които са определени с GPS „LEICA GNSS-GS09” и трансформирани в координатна сиситема БГС-2005 и височинна система EVRS2007.

Заснемането е извършено по полярен метод, с тотална станция “LEICA 1200 TCR” с точност на измерване на ъглите 10сс и за дължините 1мм.

Заснети са елементите на кадастъра (прилежаща застройка, елементи на съществуващата техническа инфраструктура), както и релефа на терена в района.

Обработката на данните е извършено със софтуер CADIS AutoCAD.

Извадени са трасировъчните данни на основните точки от проекта.

Плановите са изчертани в мащаб - М 1:500

Изготвил:

/инж. В.Стрински/

Замислено
св.гл. инж. Чал. А
Регл. (ЕС)
2016/679

СЪГЛАСУВАЛИ:

ПЪТНА, ОД, ВОБД, ПУСО и ПБЗ:

инж. Н. Дженева

Замислено
св.гл. инж. Чал. А
Регл. (ЕС)
2016/679

ноември.2017 г.

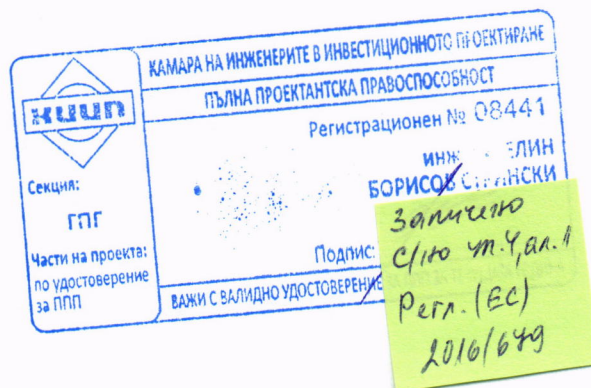
КООРДИНАТЕН РЕГИСТЪР

на работните точки

ОБЕКТ: Белене - кв.15 - кв.73

Координатна система БГС 2005 Височинна система EVRS2007

Номер	X	Y	H
ТТ228	4834369.493	469709.364	27.9530
ТТ229	4834354.482	469800.111	26.5830
ПТ1	4834966.812	470267.320	26.8210
ПТ2	4834998.896	470184.628	26.8350
ПТ3	4834350.298	469759.108	26.9680
ПТ4	4834295.185	469744.227	27.9307
ПТ5	4834275.562	469808.617	28.5706
ПТ6	4834259.143	469742.240	28.5933
ПТ7	4834221.046	469731.466	28.9925
ПТ8	4834307.669	469811.257	27.9100
ПТ3	4834965.888	470175.944	26.8772



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2 #####
3 #
4 # ПОЛЯРНА ГЕОДЕЗИЧЕСКА СНИМКА #
5 # #
6 # TplanWin v1.2.10 (Geosn) #
7 #####
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9 Проект: E:\BELENE\BELENE_ULICI.tpl
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12 ОБЕКТ: ULICI-KV15,KV73
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14 ВЪЗЛОЖИТЕЛ:
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16 ИЗПЪЛНИТЕЛ:
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18 ДАТА: 14.11.2017г.
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21 Координатна система: БГС 2005
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23 Височинна система: EVRS (F2007)
24
25 Средна квадратна грешка за посока..... 30[сс]
26
27 Константи на далекомера..... a=5, b=5, c=0
28
29 Точност на центриране на инструмента..... 5[mm]
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31 Точност на центриране на сигнала..... 5[mm]
32
33 Средна квадратна грешка за зенитен ъгъл... 50[сс]
34
35 Средна квадратна грешка за превишение:.... 3[mm]
36
37 Точност на височината на инструмента:..... 5[mm]
38
39 Точност на височината на сигнала:..... 5[mm]
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41 Брой станции с подробни точки:..... 9
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43 Брой измерени подробни точки:..... 779
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Име(клас)	X	Y	H	O	V
тт229(7)	4834354.482	469800.111	26.583	1.7586	0.0018
тт229(7)	4834354.482	469800.111	26.583	1.7597	0.0007
тт229(7)	4834354.482	469800.111	26.583	1.7622	-0.0019
пт3(9)	4834350.298	469759.108	26.968	1.7604	-0.0000
пт3(9)	4834350.298	469759.108	26.968	1.7620	-0.0016
тт228(7)	4834369.493	469709.364	27.953	1.7604	

Име(клас)	Th	R	Z	S	D	X(Vx)	Y(Vy)	H(Vh)
тт229(7)	0.400	108.678	101.738	92.008	91.980	0.003	0.001	
-0.047								
тт229(7)	0.400	108.677	101.738	92.006	91.978	0.001	0.002	
-0.047								
тт229(7)	0.400	108.674	101.738	92.008	91.980	-0.003	-0.000	
-0.047								
пт3(9)	0.400	121.685	102.556	53.362	53.323	0.001	-0.004	
-0.031								
пт3(9)	0.400	121.683	102.556	53.358	53.319	-0.001	-0.000	
-0.031								

Станция: пт1(8) Ih = 1.550

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Име(клас)	X	Y	H	O	V
пт2(8)	4834998.896	470184.628	26.835	1.7587	0.0017
пт2(8)	4834998.896	470184.628	26.835	1.7588	0.0016
пт2(8)	4834998.896	470184.628	26.835	1.7638	-0.0034
пт1(8)	4834966.812	470267.320	26.821	1.7605	

Име(клас)	Th	R	Z	S	D	X(Vx)	Y(Vy)	H(Vh)
пт2(8)	0.400	321.803	100.827	88.710	88.709	-0.006	0.009	
0.016								
пт2(8)	0.400	321.803	100.826	88.710	88.709	-0.006	0.009	
0.015								
пт2(8)	0.400	321.798	100.827	88.710	88.709	0.001	0.012	
0.016								
1	0.400	287.478	103.957	22.245	22.204	4834963.076	470245.433	26.589
2	0.400	293.567	103.854	21.744	21.706	4834965.220	470245.673	26.655
3	0.400	321.072	105.033	14.084	14.041	4834971.741	470254.172	26.859
4	0.400	315.734	105.837	12.923	12.870	4834970.304	470254.933	26.788
5	0.400	280.210	104.217	23.211	23.162	4834960.340	470245.081	26.435
6	0.400	279.883	104.698	23.169	23.108	4834960.241	470245.166	26.263
7	0.400	270.258	104.788	21.787	21.727	4834957.567	470247.658	26.334
8	0.400	258.031	105.279	21.242	21.171	4834954.312	470250.233	26.212
9	0.400	257.618	104.840	20.428	20.370	4834954.678	470250.958	26.420
10	0.400	257.927	106.630	13.672	13.599	4834958.765	470256.358	26.550
11	0.400	258.717	107.536	13.687	13.592	4834958.905	470256.264	26.355
12	0.400	275.783	106.720	14.492	14.412	4834961.833	470253.795	26.444
13	0.400	290.920	105.979	16.222	16.152	4834964.959	470251.275	26.450
14	0.400	291.422	105.108	16.298	16.247	4834965.075	470251.166	26.665
15	0.400	306.981	106.284	11.894	11.837	4834968.432	470255.594	26.799
16	0.400	306.480	107.603	11.785	11.702	4834968.322	470255.716	26.567
17	0.400	285.795	109.633	9.626	9.517	4834964.964	470257.985	26.520
18	0.400	259.931	111.077	8.704	8.573	4834961.959	470260.253	26.464
19	0.400	258.840	109.666	8.674	8.575	4834961.838	470260.336	26.659
20	0.400	264.843	137.043	2.137	1.785	4834965.918	470265.775	26.797
21	0.400	270.819	141.486	2.291	1.822	4834966.051	470265.665	26.581
22	0.400	336.434	116.393	5.218	5.046	4834969.661	470263.155	26.642
23	0.400	345.365	109.789	8.630	8.529	4834972.564	470261.023	26.649
24	0.400	390.805	106.819	9.868	9.812	4834976.557	470266.177	26.916
25	0.400	390.761	108.115	9.713	9.635	4834976.381	470266.191	26.736
26	0.400	2.500	113.031	6.193	6.064	4834972.863	470267.726	26.712
27	0.400	51.912	124.510	3.464	3.211	4834968.948	470269.717	26.670
28	0.400	55.341	120.817	3.405	3.225	4834968.824	470269.840	26.877
29	0.400	64.858	106.037	10.171	10.126	4834971.882	470276.086	27.008
30	0.400	63.862	107.284	10.204	10.138	4834972.024	470276.015	26.806
31	0.400	41.834	106.289	11.353	11.298	4834975.563	470274.466	26.851
32	0.400	25.571	105.434	13.546	13.498	4834979.085	470272.938	26.816
33	0.400	25.096	104.623	13.652	13.617	4834979.235	470272.896	26.981
34	0.400	40.225	103.076	19.022	19.001	4834981.829	470278.963	27.052
35	0.400	40.735	103.642	18.973	18.943	4834981.689	470279.047	26.886
36	0.400	51.855	103.974	17.172	17.140	4834978.224	470280.108	26.900
37	0.400	69.106	104.454	15.214	15.178	4834973.518	470280.936	26.908
38	0.400	69.680	103.633	15.155	15.131	4834973.375	470280.954	27.107
39	0.400	53.174	117.630	5.048	4.856	4834969.970	470271.009	26.591
40	0.400	4.554	107.908	10.102	10.025	4834976.788	470268.313	26.719
41	0.400	382.147	115.499	5.423	5.263	4834971.908	470266.004	26.664
42	0.400	381.365	108.471	9.572	9.488	4834975.969	470264.834	26.701
43	0.400	381.580	106.907	9.695	9.639	4834976.123	470264.826	26.921
44	0.400	382.698	104.461	12.541	12.511	4834978.952	470264.296	27.093
45	0.400	372.486	106.515	10.133	10.081	4834976.079	470263.352	26.936
46	0.400	371.470	107.919	10.011	9.934	4834975.881	470263.265	26.729
47	0.400	346.891	108.548	9.973	9.884	4834973.651	470260.185	26.636
48	0.400	324.889	107.043	11.652	11.582	4834971.520	470256.738	26.685
49	0.400	324.520	106.453	11.786	11.726	4834971.517	470256.579	26.778
50	0.400	315.573	107.631	11.165	11.086	4834969.793	470256.643	26.636
51	0.400	315.480	106.684	11.290	11.229	4834969.816	470256.501	26.788
52	0.400	331.407	106.367	12.820	12.757	4834973.162	470256.256	26.691
53	0.400	330.824	105.905	12.917	12.862	4834973.112	470256.106	26.775
54	0.400	345.056	107.009	12.253	12.180	4834974.983	470258.288	26.625
55	0.400	363.526	106.809	12.208	12.139	4834977.191	470261.024	26.668
56	0.400	364.052	105.532	12.238	12.193	4834977.288	470261.082	26.909
57	0.400	371.531	104.756	14.727	14.687	4834980.225	470261.337	26.872
58	0.400	334.559	105.821	14.328	14.269	4834974.518	470255.311	26.663

135	59	0.400	333.908	105.265	14.309	14.261	4834974.1	470255.239	26.789
136	60	0.400	326.909	105.056	14.656	14.611	4834973.1	470254.166	26.808
137	61	0.400	324.301	104.589	15.510	15.471	4834972.970	470253.128	26.854
138	62	0.400	344.896	105.979	14.664	14.600	4834976.580	470256.468	26.596
139	63	0.400	354.787	105.422	15.660	15.604	4834978.921	470257.477	26.639
140	64	0.400	360.509	104.974	17.030	16.979	4834980.895	470257.836	26.642
141	65	0.400	352.554	103.520	20.830	20.800	4834982.482	470253.642	26.820
142	66	0.400	346.437	103.563	20.175	20.145	4834980.648	470252.678	26.842
143	67	0.400	346.281	103.794	20.166	20.132	4834980.603	470252.654	26.770
144	68	0.400	339.362	104.235	19.582	19.540	4834978.574	470251.717	26.669
145	69	0.400	331.336	104.202	19.199	19.159	4834976.329	470250.693	26.705
146	70	0.400	331.250	103.938	19.204	19.169	4834976.312	470250.671	26.784
147	71	0.400	325.571	103.723	19.089	19.058	4834974.745	470249.992	26.855
148	72	0.400	324.575	102.792	26.123	26.100	4834977.303	470243.422	26.826
149	73	0.400	328.663	102.901	26.250	26.225	4834978.873	470244.033	26.775
150	74	0.400	333.773	103.111	26.633	26.603	4834980.902	470244.754	26.670
151	75	0.400	339.906	102.894	27.194	27.168	4834983.351	470245.766	26.735
152	76	0.400	339.976	102.672	27.190	27.168	4834983.374	470245.784	26.830
153	77	0.400	344.342	102.719	27.835	27.812	4834985.238	470246.488	26.783
154	78	0.400	340.755	102.268	34.546	34.527	4834988.194	470240.211	26.740
155	79	0.400	336.318	102.141	34.027	34.010	4834985.963	470239.214	26.827
156	80	0.400	336.243	102.442	34.026	34.003	4834985.926	470239.197	26.666
157	81	0.400	332.215	102.581	33.569	33.544	4834983.876	470238.441	26.610
158	82	0.400	327.252	102.382	33.255	33.234	4834981.439	470237.478	26.727
159	83	0.400	327.188	102.237	33.263	33.245	4834981.413	470237.453	26.802
160	84	0.400	323.970	102.282	33.232	33.213	4834979.873	470236.783	26.780
161	85	0.400	323.585	102.041	38.703	38.686	4834981.810	470231.660	26.731
162	86	0.400	326.425	101.998	38.791	38.775	4834983.424	470232.284	26.754
163	87	0.400	326.502	102.180	38.802	38.782	4834983.469	470232.297	26.643
164	88	0.400	330.078	102.262	39.145	39.123	4834985.573	470232.988	26.580
165	89	0.400	334.301	102.129	39.521	39.502	4834988.010	470233.988	26.650
166	90	0.400	334.385	101.851	39.513	39.499	4834988.053	470234.018	26.822
167	91	0.400	337.139	101.901	40.061	40.046	4834989.787	470234.520	26.775
168	92	0.400	332.888	102.020	44.110	44.091	4834989.641	470229.599	26.571
169	93	0.400	335.264	102.098	44.609	44.588	4834991.306	470230.062	26.501
170	94	0.400	329.455	101.926	43.999	43.982	4834987.524	470228.520	26.640
171	95	0.400	325.943	101.953	43.925	43.908	4834985.322	470227.505	26.624
172	96	0.400	325.894	101.705	43.926	43.913	4834985.293	470227.485	26.795
173	97	0.400	323.472	101.667	44.045	44.033	4834983.811	470226.700	26.818
174	98	0.400	323.454	101.597	45.822	45.811	4834984.486	470225.056	26.822
175	99	0.400	325.686	101.649	45.880	45.868	4834985.980	470225.649	26.783
176	100	0.400	325.769	101.851	45.874	45.858	4834986.030	470225.683	26.638
177	101	0.400	328.841	101.906	46.362	46.345	4834988.241	470226.227	26.583
178	102	0.400	332.088	101.795	47.940	47.924	4834991.109	470226.012	26.620
179	103	0.400	332.107	101.507	48.122	48.112	4834991.217	470225.857	26.832
180	104	0.400	334.867	101.538	49.065	49.054	4834993.504	470226.163	26.786
181	105	0.400	332.976	101.482	55.351	55.340	4834995.531	470220.016	26.683
182	106	0.400	330.669	101.328	55.216	55.208	4834993.734	470219.121	26.819
183	107	0.400	330.631	101.448	55.220	55.210	4834993.707	470219.104	26.716
184	108	0.400	328.185	101.550	54.862	54.850	4834991.671	470218.427	26.636
185	109	0.400	325.064	101.440	54.665	54.655	4834989.166	470217.446	26.735
186	110	0.400	325.019	101.368	54.671	54.662	4834989.133	470217.423	26.796
187	111	0.400	323.099	101.352	54.273	54.265	4834987.468	470217.140	26.819
188	112	0.400	324.643	101.215	61.045	61.038	4834991.408	470211.457	26.806
189	113	0.400	324.905	101.355	61.132	61.123	4834991.672	470211.481	26.670
190	114	0.400	327.345	101.405	61.290	61.280	4834993.862	470212.334	26.618
191	115	0.400	329.680	101.401	61.535	61.525	4834995.977	470213.147	26.617
192	116	0.400	329.714	101.217	61.566	61.559	4834996.022	470213.132	26.794
193	117	0.400	331.556	101.070	61.886	61.882	4834997.739	470213.721	26.931
194	118	0.400	331.013	100.697	67.882	67.883	4835000.235	470208.235	27.228
195	119	0.400	329.102	101.090	67.964	67.959	4834998.482	470207.192	26.808
196	120	0.400	328.937	101.284	67.930	67.921	4834998.309	470207.143	26.601
197	121	0.400	328.974	101.088	67.937	67.932	4834998.348	470207.152	26.810
198	122	0.400	326.849	101.367	67.677	67.666	4834996.208	470206.373	26.518
199	123	0.400	324.358	101.273	67.778	67.769	4834993.842	470205.174	26.616
200	124	0.400	324.331	101.107	67.778	67.773	4834993.817	470205.160	26.793
201	125	0.400	321.032	101.082	67.613	67.608	4834990.504	470203.999	26.822
202	126	0.400	324.754	102.010	37.521	37.505	4834981.985	470233.021	26.787
203	127	0.400	332.226	104.425	16.965	16.925	4834975.424	470252.750	26.793

Станция: пт2(8) Ih = 1.465

Име (клас)	X	Y	H	O	V
пт1(8)	4834966.812	470267.320	26.821	1.7587	-0.0011
пт1(8)	4834966.812	470267.320	26.821	1.7577	-0.0001
пт1(8)	4834966.812	470267.320	26.821	1.7564	0.0012
лт3(9)	4834965.888	470175.944	26.877	1.7573	0.0003
лт3(9)	4834965.888	470175.944	26.877	1.7579	-0.0003
пт2(8)	4834998.896	470184.628	26.835	1.7576	

Име (клас)	Th	R	Z	S	D	X(Vx)	Y(Vy)	H(Vh)
пт1(8)	0.400	121.803	100.768	88.701	88.701	-0.000	-0.003	
-0.009								
пт1(8)	0.400	121.804	100.767	88.709	88.709	0.004	-0.010	
-0.010								
пт1(8)	0.400	121.806	100.768	88.708	88.708	0.005	-0.008	
-0.009								
лт3(9)	0.400	214.621	101.905	34.143	34.130	-0.001	-0.000	
-0.001								
лт3(9)	0.400	214.620	101.905	34.143	34.130	-0.001	-0.000	
-0.001								
128	0.400	119.403	102.051	32.366	32.352	4834988.340	470215.209	26.857
129	0.400	124.254	102.120	31.457	31.442	4834986.404	470213.482	26.853
130	0.400	124.088	102.588	26.822	26.802	4834988.311	470209.251	26.810
131	0.400	114.824	104.001	18.241	18.206	4834994.207	470202.220	26.754
132	0.400	114.718	104.250	18.226	18.187	4834994.242	470202.209	26.684
133	0.400	107.873	104.708	17.869	17.821	4834996.210	470202.246	26.580
134	0.400	99.893	104.090	17.741	17.706	4834998.437	470202.328	26.761
135	0.400	99.682	103.597	17.771	17.744	4834998.495	470202.367	26.897
136	0.400	93.714	103.007	17.737	17.719	4835000.155	470202.302	27.063
137	0.400	93.223	103.749	14.463	14.439	4835000.033	470199.022	27.049
138	0.400	99.832	104.565	14.246	14.210	4834998.541	470198.834	26.879
139	0.400	99.927	104.919	14.257	14.215	4834998.520	470198.839	26.799
140	0.400	110.835	106.038	13.616	13.556	4834996.232	470197.919	26.611
141	0.400	116.715	106.485	12.616	12.552	4834995.305	470196.655	26.617
142	0.400	123.715	103.866	17.346	17.315	4834992.151	470200.576	26.847
143	0.400	119.219	103.934	17.603	17.571	4834993.211	470201.253	26.813
144	0.400	124.404	103.530	18.612	18.585	4834991.472	470201.665	26.869
145	0.400	120.050	103.632	18.844	18.815	4834992.576	470202.350	26.825
146	0.400	145.616	102.760	22.112	22.093	4834983.932	470200.881	26.942
147	0.400	148.157	103.295	19.783	19.758	4834984.944	470198.618	26.877
148	0.400	153.200	102.578	20.460	20.445	4834983.359	470197.916	27.072
149	0.400	152.053	103.286	20.138	20.113	4834983.849	470197.974	26.861
150	0.400	157.462	103.390	19.598	19.572	4834983.204	470196.325	26.857
151	0.400	157.791	103.022	21.133	21.111	4834981.905	470197.157	26.897
152	0.400	157.468	102.814	22.200	22.180	4834981.112	470197.882	26.919

272	179	0.400	100.312	111.731	5.818	5.720	4834998.5	470190.345	26.834
273	180	0.400	81.103	107.511	6.017	5.976	4835000.4	470190.388	27.192
274	181	0.400	333.297	117.427	3.404	3.277	4835000.611	470181.835	26.980
275	182	0.400	297.969	123.455	2.995	2.794	4834998.884	470181.834	26.821
276	183	0.400	297.222	126.138	3.070	2.815	4834998.851	470181.813	26.675
277	184	0.400	257.860	115.796	4.967	4.815	4834996.042	470180.749	26.680
278	185	0.400	240.978	107.317	11.882	11.804	4834989.653	470177.286	26.537
279	186	0.400	237.827	104.642	17.614	17.568	4834984.616	470174.395	26.617
280	187	0.400	238.411	103.475	23.968	23.934	4834979.570	470170.509	26.592
281	188	0.400	244.927	103.301	24.910	24.878	4834980.412	470167.976	26.609
282	189	0.400	246.725	103.232	25.133	25.102	4834980.728	470167.306	26.624
283	190	0.400	246.768	102.867	25.165	25.141	4834980.712	470167.267	26.767
284	191	0.400	253.987	102.887	26.520	26.495	4834981.926	470164.281	26.698
285	192	0.400	254.067	102.439	26.550	26.532	4834981.927	470164.231	26.883
286	193	0.400	256.609	102.244	27.184	27.169	4834982.368	470163.065	26.942
287	194	0.400	279.774	105.286	15.071	15.020	4834994.599	470170.235	26.650
288	195	0.400	279.861	104.577	15.096	15.058	4834994.608	470170.193	26.816
289	196	0.400	280.757	104.282	16.363	16.327	4834994.468	470168.913	26.800
290	197	0.400	290.272	105.087	15.717	15.668	4834996.939	470169.083	26.645
291	198	0.400	299.115	104.908	15.507	15.462	4834999.108	470169.167	26.706
292	199	0.400	299.311	104.300	15.504	15.470	4834999.156	470169.160	26.853
293	200	0.400	306.744	104.242	15.639	15.605	4835000.974	470169.162	26.859
294	201	0.400	303.618	102.287	22.469	22.456	4835000.790	470162.252	27.093
295	202	0.400	299.391	102.699	22.528	22.509	4834999.302	470162.122	26.945
296	203	0.400	299.258	103.294	22.572	22.543	4834999.256	470162.087	26.733
297	204	0.400	292.767	103.393	22.743	22.712	4834996.945	470162.000	26.689
298	205	0.400	286.801	103.060	23.247	23.222	4834994.745	470161.780	26.783
299	206	0.400	286.741	102.716	23.261	23.242	4834994.720	470161.765	26.908
300	207	0.400	289.580	101.877	30.063	30.052	4834994.820	470154.854	27.014
301	208	0.400	289.696	102.098	30.090	30.076	4834994.871	470154.823	26.909
302	209	0.400	294.374	102.225	29.932	29.916	4834997.079	470154.767	26.854
303	210	0.400	299.347	102.051	29.922	29.909	4834999.415	470154.724	26.936
304	211	0.400	299.408	101.822	29.916	29.906	4834999.444	470154.727	27.044
305	212	0.400	299.319	101.062	42.455	42.452	4834999.614	470142.182	27.192
306	213	0.400	299.440	101.032	42.437	42.435	4834999.694	470142.201	27.212
307	214	0.400	302.139	101.154	41.828	41.824	4835001.454	470142.882	27.142
308	215	0.400	296.468	101.112	43.179	43.176	4834997.693	470141.469	27.146
309	216	0.400	292.872	100.967	44.367	44.365	4834995.158	470140.421	27.226
310	217	0.400	292.977	101.038	44.361	44.358	4834995.231	470140.421	27.177
311	218	0.400	272.440	101.357	49.442	49.434	4834979.404	470139.199	26.847
312	219	0.400	268.647	101.370	49.878	49.870	4834976.538	470140.050	26.827
313	220	0.400	267.739	101.393	46.497	46.489	4834977.463	470143.374	26.882
314	221	0.400	270.159	101.518	44.370	44.361	4834979.956	470144.514	26.842
315	223	0.400	258.461	100.934	41.832	41.831	4834974.425	470150.702	27.287
316	224	0.400	258.523	101.165	41.833	41.829	4834974.459	470150.679	27.135
317	225	0.400	258.705	101.177	41.608	41.604	4834974.687	470150.793	27.131
318	226	0.400	258.745	101.508	41.580	41.571	4834974.727	470150.804	26.915
319	227	0.400	258.537	101.640	39.879	39.869	4834975.611	470152.266	26.873
320	228	0.400	249.992	101.429	40.459	40.452	4834971.089	470155.249	26.992
321	229	0.400	248.828	101.711	36.548	36.537	4834973.299	470158.556	26.918
322	230	0.400	249.084	101.338	41.865	41.859	4834969.691	470154.641	27.020
323	231	0.400	247.203	101.822	34.932	34.920	4834973.804	470160.342	26.900
324	232	0.400	247.142	102.031	34.898	34.883	4834973.808	470160.392	26.787
325	233	0.400	250.449	102.240	30.315	30.298	4834978.227	470162.474	26.834
326	234	0.400	250.294	102.589	30.344	30.321	4834978.158	470162.508	26.666
327	235	0.400	248.349	102.696	29.817	29.792	4834977.865	470163.526	26.638
328	236	0.400	248.378	102.363	29.762	29.744	4834977.909	470163.551	26.795
329	237	0.400	245.621	102.571	28.335	28.314	4834978.068	470165.448	26.756
330	238	0.400	245.510	102.917	28.382	28.354	4834978.005	470165.457	26.600
331	239	0.400	236.499	102.734	29.453	29.428	4834974.624	470167.989	26.635
332	240	0.400	234.184	101.946	33.124	33.111	4834970.923	470166.912	26.888
333	241	0.400	234.142	102.211	33.120	33.102	4834970.919	470166.935	26.750
334	242	0.400	238.325	101.532	38.365	38.357	4834967.894	470162.042	26.977
335	243	0.400	213.722	101.652	38.551	38.541	4834961.489	470175.348	26.900
336	244	0.400	214.255	101.432	39.922	39.915	4834960.237	470174.694	27.002

Станция: пт3(9) Ih = 1.620

Име(клас)	X	Y	H	O	V
тт229(7)	4834354.482	469800.111	26.583	1.7557	0.0006
тт229(7)	4834354.482	469800.111	26.583	1.7559	0.0004

343	тт229(7)	4	54.482	469800.111	26.583	1.7574	-0.0011		
344	пт4(9)	4834295.185	469744.227	27.931	1.7564	-0.0000			
345	пт4(9)	4834295.185	469744.227	27.931	1.7563	0.0000			
346	пт3(9)	4834350.298	469759.108	26.968	1.7563				
347									
348	Име(клас)	Th	R	Z	S	D	X(Vx)	Y(Vy)	H(Vh)
349	тт229(7)	0.400	91.770	102.450	41.247	41.219	0.000	-0.003	
	-0.018								
350	тт229(7)	0.400	91.770	102.449	41.245	41.217	0.000	-0.001	
	-0.019								
351	тт229(7)	0.400	91.768	102.450	41.244	41.216	-0.001	0.000	
	-0.018								
352	пт4(9)	0.400	215.033	100.283	57.083	57.086	0.000	0.000	
	-0.004								
353	пт4(9)	0.400	215.033	100.283	57.082	57.085	-0.001	-0.000	
	-0.004								
354	325	0.400	21.036	113.035	7.324	7.172	4834357.015	469761.621	26.699
355	326	0.400	297.852	103.388	17.143	17.120	4834350.192	469741.988	27.276
356	326	0.400	89.962	121.764	4.587	4.322	4834350.858	469763.393	26.650
357	327	0.400	305.342	103.541	17.267	17.242	4834352.216	469741.973	27.228
358	327	0.400	46.062	115.637	6.013	5.833	4834354.561	469763.088	26.726
359	328	0.400	305.928	104.236	17.309	17.272	4834352.378	469741.961	27.037
360	328	0.400	127.455	117.514	4.619	4.446	4834348.329	469763.093	26.933
361	329	0.400	319.292	103.856	17.820	17.789	4834356.073	469742.282	27.109
362	329	0.400	99.671	119.000	4.395	4.201	4834350.204	469763.308	26.896
363	330	0.400	330.128	103.846	18.814	18.781	4834359.316	469742.633	27.052
364	331	0.400	330.670	103.222	18.863	18.840	4834359.485	469742.659	27.234
365	332	0.400	342.168	104.990	13.574	13.533	4834358.912	469748.670	27.125
366	333	0.400	341.548	105.975	13.496	13.438	4834358.749	469748.661	26.923
367	334	0.400	326.938	106.149	12.284	12.228	4834355.624	469748.101	27.003
368	335	0.400	306.520	106.102	12.764	12.706	4834351.945	469746.509	26.966
369	336	0.400	305.684	105.163	12.734	12.693	4834351.778	469746.501	27.156
370	337	0.400	295.733	104.912	12.908	12.871	4834349.790	469746.247	27.193
371	338	0.400	303.492	106.235	10.825	10.774	4834351.185	469748.370	27.130
372	339	0.400	304.423	107.234	10.797	10.728	4834351.337	469748.430	26.964
373	340	0.400	296.957	108.200	9.796	9.716	4834350.101	469749.394	26.930
374	341	0.400	296.693	107.167	9.829	9.767	4834350.060	469749.343	27.084
375	342	0.400	292.956	106.692	10.533	10.476	4834349.429	469748.668	27.083
376	343	0.400	359.356	107.115	10.066	10.004	4834358.493	469753.370	27.065
377	344	0.400	358.618	108.438	9.969	9.882	4834358.327	469753.346	26.871
378	345	0.400	338.897	111.167	7.463	7.349	4834354.678	469753.207	26.886
379	346	0.400	309.136	113.538	6.362	6.219	4834351.357	469752.979	26.845
380	347	0.400	276.898	120.968	4.009	3.794	4834349.049	469755.525	26.891
381	348	0.400	302.865	129.428	3.150	2.820	4834350.502	469756.295	26.783
382	349	0.400	299.580	127.300	2.941	2.675	4834350.354	469756.433	26.965
383	350	0.400	238.658	135.998	2.196	1.854	4834348.805	469758.008	27.011
384	351	0.400	390.838	121.468	4.220	3.983	4834354.253	469758.645	26.792
385	352	0.400	397.637	111.934	7.597	7.464	4834357.762	469759.037	26.772
386	353	0.400	99.675	119.001	4.398	4.204	4834350.203	469763.310	26.895
387	354	0.400	97.345	121.521	4.516	4.261	4834350.358	469763.368	26.690
388	355	0.400	287.347	113.739	6.614	6.461	4834349.197	469752.741	26.772
389	356	0.400	267.596	105.702	13.474	13.421	4834344.083	469747.212	26.983
390	357	0.400	258.311	106.765	11.600	11.535	4834343.527	469749.768	26.958
391	358	0.400	246.570	107.776	9.988	9.914	4834343.105	469752.284	26.971
392	359	0.400	230.354	108.931	8.556	8.473	4834342.880	469755.013	26.992
393	360	0.400	199.321	109.408	7.846	7.761	4834342.538	469758.976	27.033
394	361	0.400	203.671	104.170	16.633	16.599	4834333.759	469757.694	27.099
395	362	0.400	216.581	104.140	16.969	16.934	4834334.061	469754.297	27.085
396	363	0.400	227.468	104.027	17.859	17.825	4834334.318	469751.210	27.059
397	364	0.400	236.065	103.465	19.114	19.087	4834334.481	469748.423	27.148
398	365	0.400	236.181	103.164	19.135	19.113	4834334.479	469748.380	27.237
399	366	0.400	246.385	102.766	20.980	20.962	4834335.049	469744.724	27.277
400	367	0.400	234.745	101.567	28.283	28.276	4834326.543	469743.769	27.492
401	368	0.400	239.180	101.514	27.135	27.129	4834328.587	469742.840	27.543
402	369	0.400	236.948	101.336	29.536	29.532	4834326.058	469742.239	27.568
403	370	0.400	226.266	101.665	28.629	28.621	4834324.405	469746.912	27.440
404	371	0.400	226.198	101.932	28.622	28.611	4834324.401	469746.944	27.320
405	372	0.400	218.529	102.054	28.123	28.110	4834323.602	469750.301	27.281
406	373	0.400	206.878	102.214	27.844	27.829	4834322.724	469755.345	27.220
407	374	0.400	206.803	102.042	27.863	27.851	4834322.698	469755.374	27.295
408	375	0.400	205.683	103.173	22.479	22.453	4834327.998	469756.490	27.068

409	376	0.400	213.955	103.361	21.689	21.660	4834329.2	469753.816	27.044
410	377	0.400	214.143	103.459	20.767	20.738	4834330.200	469753.982	27.060
411	378	0.400	226.255	100.348	51.953	51.956	4834303.290	469736.978	27.904
412	379	0.400	224.161	100.391	50.136	50.139	4834304.257	469739.255	27.880
413	380	0.400	221.415	100.380	50.618	50.621	4834302.993	469741.087	27.886
414	381	0.400	223.401	100.370	51.552	51.555	4834302.716	469739.261	27.888
415									
416			Станция:		пт4(9)		Ih = 1.579		
417									
418	Име (клас		X		Y		H		O
419	пт3(9)		4834350.298		469759.108		26.968		1.7578
420	пт3(9)		4834350.298		469759.108		26.968		1.7583
421	пт3(9)		4834350.298		469759.108		26.968		1.7587
422	пт5(9)		4834275.562		469808.617		28.571		1.7592
423	пт5(9)		4834275.562		469808.617		28.571		1.7573
424	пт6(9)		4834259.143		469742.240		28.593		1.7593
425	пт6(9)		4834259.143		469742.240		28.593		1.7573
426	пт7(9)		4834221.046		469731.466		28.992		1.7581
427	пт7(9)		4834221.046		469731.466		28.992		1.7584
428	пт4(9)		4834295.185		469744.227		27.931		1.7583
429									
430	Име (клас		Th		R		Z		S
431	пт3(9)		0.400		15.031		102.386		57.124
	-0.002								
432	пт3(9)		0.400		15.031		102.384		57.122
	-0.003								
433	пт3(9)		0.400		15.030		102.386		57.121
	-0.002								
434	пт5(9)		0.400		117.073		100.507		67.307
	-0.003								
435	пт5(9)		0.400		117.075		100.507		67.312
	-0.003								
436	пт6(9)		0.400		201.747		100.906		36.098
	-0.003								
437	пт6(9)		0.400		201.749		100.906		36.097
	-0.003								
438	пт7(9)		0.400		209.093		100.101		75.227
	0.001								
439	пт7(9)		0.400		209.093		100.101		75.228
	0.001								
440	382	0.400	17.604		104.497		26.012		25.949
441	383	0.400	24.539		107.767		13.150		13.053
442	384	0.400	43.044		114.099		6.541		6.382
443	385	0.400	197.125		104.294		15.303		15.269
444	386	0.400	200.501		102.979		20.456		20.435
445	387	0.400	203.782		101.900		27.820		27.810
446	388	0.400	205.744		101.364		33.274		33.269
447	389	0.400	208.444		100.508		53.308		53.310
448	390	0.400	210.517		100.115		74.812		74.817
449	391	0.400	206.350		100.089		78.564		78.570
450	392	0.400	209.531		100.064		81.605		81.611
451	393	0.400	204.997		99.865		68.660		68.665
452	394	0.400	200.721		100.798		37.426		37.426
453	395	0.400	386.439		104.262		22.188		22.140
454	396	0.400	386.342		103.765		22.211		22.174
455	397	0.400	399.911		104.895		20.412		20.353
456	398	0.400	400.041		105.302		20.405		20.336
457	399	0.400	14.421		105.491		20.114		20.041
458	400	0.400	27.868		105.298		20.571		20.501
459	401	0.400	27.950		105.024		20.574		20.511
460	402	0.400	38.221		107.902		12.901		12.803
461	403	0.400	38.410		107.152		12.909		12.829
462	404	0.400	17.999		108.863		11.492		11.382
463	405	0.400	389.449		108.530		11.640		11.537
464	406	0.400	389.302		108.079		11.636		11.543
465	407	0.400	371.927		105.773		14.944		14.884
466	408	0.400	376.923		106.381		14.143		14.073
467	409	0.400	383.113		105.439		17.049		16.988
468	410	0.400	379.037		104.899		17.692		17.641
469	411	0.400	12.180		113.820		6.060		5.918
470	412	0.400	12.468		114.995		6.096		5.928

471	412	0.	326.144	110.456	6.752	6.662	4834298.012	469738.195	28.006
472	413	0.400	59.085	111.451	7.768	7.643	4834299.596	469750.469	27.720
473	413	0.400	325.915	109.292	6.722	6.651	4834297.986	469738.194	28.132
474	414	0.400	59.027	110.422	7.788	7.684	4834299.625	469750.499	27.840
475	414	0.400	350.538	124.847	2.921	2.702	4834297.163	469742.387	27.998
476	415	0.400	349.084	121.854	2.860	2.693	4834297.115	469742.348	28.147
477	416	0.400	226.349	105.954	9.743	9.701	4834286.414	469740.081	28.200
478	417	0.400	226.455	105.696	9.711	9.673	4834286.447	469740.079	28.242
479	418	0.400	248.991	104.331	11.548	11.522	4834287.134	469735.984	28.325
480	419	0.400	248.980	103.851	11.495	11.475	4834287.166	469736.019	28.415
481	420	0.400	238.981	102.713	16.033	16.020	4834282.336	469734.661	28.427
482	421	0.400	233.077	101.385	22.729	22.725	4834275.778	469732.403	28.615
483	422	0.400	238.497	101.272	22.243	22.240	4834277.245	469731.082	28.665
484	423	0.400	210.640	106.804	9.402	9.349	4834286.013	469742.417	28.107
485	424	0.400	210.413	107.441	9.411	9.347	4834286.008	469742.450	28.012
486	425	0.400	194.400	107.617	9.559	9.491	4834285.711	469744.799	27.969
487	426	0.400	178.575	106.750	10.547	10.489	4834285.193	469747.416	27.993
488	427	0.400	178.250	106.059	10.554	10.507	4834285.192	469747.472	28.107
489	428	0.400	165.072	107.056	9.124	9.069	4834287.320	469748.741	28.101
490	429	0.400	156.799	109.425	7.191	7.113	4834289.527	469748.537	28.049
491	430	0.400	156.143	105.688	10.946	10.903	4834286.581	469750.923	28.133
492	431	0.400	133.870	102.870	20.120	20.101	4834284.514	469761.261	28.203
493	432	0.400	139.174	102.562	20.742	20.727	4834282.758	469760.815	28.275
494	433	0.400	139.274	102.157	20.741	20.731	4834282.730	469760.798	28.407
495	434	0.400	140.540	101.967	24.012	24.002	4834280.386	469763.123	28.368
496	435	0.400	136.163	101.874	23.559	23.551	4834281.972	469763.721	28.417
497	436	0.400	136.023	102.192	23.590	23.578	4834282.000	469763.773	28.298
498	437	0.400	123.232	102.718	22.715	22.696	4834286.503	469765.196	28.140
499	438	0.400	112.696	102.724	22.874	22.855	4834290.041	469766.495	28.131
500	439	0.400	112.278	102.394	22.937	22.922	4834290.172	469766.594	28.247
501	440	0.400	100.686	102.272	24.180	24.166	4834294.258	469768.375	28.247
502	441	0.400	101.725	102.019	26.351	26.340	4834293.745	469770.527	28.274
503	442	0.400	98.929	102.696	20.968	20.951	4834294.959	469765.176	28.222
504	443	0.400	98.849	102.986	20.823	20.802	4834294.987	469765.027	28.133
505	444	0.400	112.014	102.734	20.193	20.176	4834290.855	469763.932	28.243
506	445	0.400	112.620	103.108	20.183	20.160	4834290.671	469763.875	28.125
507	446	0.400	118.463	103.100	20.276	20.253	4834288.860	469763.467	28.123
508	447	0.400	122.472	105.248	13.304	13.260	4834290.260	469756.538	28.014
509	448	0.400	98.215	103.726	19.186	19.155	4834295.193	469763.381	27.987
510	449	0.400	82.310	108.490	9.091	9.011	4834297.417	469752.957	27.901
511	450	0.400	88.466	113.995	5.736	5.598	4834296.042	469749.759	27.8

542	481	0.400	120.872	101.771	30.477	30.467	4834284.	469772.789	28.262
543									
544			Станция:	пт5 (9)			Ih = 1.560		
545									
546	Име (клас)	X	Y	H	O	V			
547	пт4 (9)	4834295.185	469744.227	27.931	1.7598	-0.0018			
548	пт4 (9)	4834295.185	469744.227	27.931	1.7589	-0.0009			
549	пт4 (9)	4834295.185	469744.227	27.931	1.7554	0.0026			
550	пт8 (9)	4834307.669	469811.257	27.910	1.7596	-0.0016			
551	пт8 (9)	4834307.669	469811.257	27.910	1.7564	0.0016			
552	пт5 (9)	4834275.562	469808.617	28.571	1.7580				
553									
554	Име (клас)	Th	R	Z	S	D	X (Vx)	Y (Vy)	H (Vh)
555	пт4 (9)	0.400	317.073	101.700	67.338	67.319	0.001	0.004	
	-0.002								
556	пт4 (9)	0.400	317.074	101.700	67.336	67.317	0.000	0.002	
	-0.002								
557	пт4 (9)	0.400	317.077	101.700	67.333	67.314	-0.002	-0.002	
	-0.003								
558	пт8 (9)	0.400	3.462	103.584	32.266	32.217	-0.001	0.001	
	-0.005								
559	пт8 (9)	0.400	3.466	103.584	32.265	32.216	0.000	-0.001	
	-0.005								
560	616	0.400	321.619	102.987	31.074	31.042	4834286.706	469779.645	28.273
561	617	0.400	317.189	103.047	30.691	30.658	4834284.552	469779.307	28.262
562	618	0.400	313.865	102.978	30.616	30.585	4834282.992	469778.949	28.299
563	619	0.400	313.728	103.518	25.548	25.511	4834281.706	469783.858	28.319
564	620	0.400	323.234	103.445	26.111	26.075	4834285.537	469784.526	28.318
565	621	0.400	323.309	102.962	26.105	26.079	4834285.567	469784.534	28.516
566	622	0.400	290.524	105.010	13.780	13.738	4834273.900	469794.980	28.647
567	623	0.400	290.934	105.635	13.805	13.752	4834273.986	469794.956	28.510
568	624	0.400	304.995	106.178	13.044	12.984	4834276.936	469795.707	28.467
569	625	0.400	305.060	105.391	12.967	12.921	4834276.943	469795.770	28.634
570	626	0.400	310.157	106.254	12.684	12.624	4834277.910	469796.214	28.487
571	627	0.400	310.077	105.567	12.586	12.539	4834277.879	469796.295	28.631
572	628	0.400	312.726	106.983	11.752	11.682	4834278.197	469797.236	28.444
573	629	0.400	312.434	105.968	11.709	11.658	4834278.139	469797.247	28.635
574	630	0.400	322.964	107.489	11.535	11.456	4834279.899	469798.014	28.377
575	631	0.400	335.243	106.960	11.708	11.639	4834281.952	469798.890	28.453
576	632	0.400	335.449	105.833	11.691	11.643	4834281.985	469798.907	28.661
577	633	0.400	341.683	108.737	9.138	9.053	4834281.271	469801.592	28.480
578	634	0.400	342.049	107.068	9.117	9.062	4834281.316	469801.618	28.720
579	635	0.400	325.780	110.725	8.061	7.947	4834278.893	469801.402	28.379
580	636	0.400	303.770	109.674	8.602	8.503	4834276.299	469800.146	28.428
581	637	0.400	303.627	108.088	8.613	8.544	4834276.283	469800.104	28.639
582	638	0.400	280.793	111.227	7.403	7.289	4834273.589	469801.601	28.432
583	639	0.400	281.265	109.049	7.390	7.316	4834273.634	469801.560	28.684
584	640	0.400	292.149	106.544	12.023	11.960	4834274.419	469796.712	28.497
585	641	0.400	292.426	105.675	12.036	11.989	4834274.468	469796.678	28.659
586	642	0.400	276.104	104.293	15.314	15.280	4834270.354	469794.252	28.699
587	643	0.400	272.596	104.815	14.156	14.117	4834270.027	469795.631	28.661
588	644	0.400	272.432	105.498	14.133	14.081	4834270.008	469795.677	28.512
589	645	0.400	254.292	107.723	10.554	10.477	4834268.889	469800.539	28.453
590	646	0.400	240.960	108.870	9.103	9.015	4834268.501	469803.012	28.466
591	647	0.400	220.362	110.493	8.103	7.994	4834268.045	469805.895	28.401
592	648	0.400	220.072	108.978	8.110	8.030	4834267.999	469805.917	28.591
593	649	0.400	187.845	105.744	10.966	10.922	4834264.785	469810.393	28.743
594	650	0.400	193.217	110.287	6.647	6.561	4834269.021	469809.135	28.661
595	651	0.400	192.954	108.676	6.590	6.529	4834269.055	469809.159	28.835
596	652	0.400	162.456	126.703	3.097	2.829	4834273.168	469810.125	28.469
597	653	0.400	133.679	110.884	6.229	6.139	4834272.318	469813.829	28.671
598	654	0.400	133.683	109.348	6.202	6.136	4834272.319	469813.827	28.823
599	655	0.400	130.711	117.609	4.664	4.487	4834273.371	469812.533	28.457
600	656	0.400	161.610	144.711	1.928	1.472	4834274.327	469809.418	28.485
601	657	0.400	29.733	115.301	4.863	4.724	4834279.719	469810.860	28.573
602	658	0.400	61.823	112.262	6.460	6.341	4834278.994	469813.949	28.494
603	659	0.400	71.767	110.095	7.540	7.446	4834278.570	469815.429	28.540
604	660	0.400	208.285	105.828	11.565	11.517	4834264.187	469806.808	28.673
605	661	0.400	209.329	104.348	15.519	15.484	4834260.312	469805.934	28.671
606	662	0.400	190.541	105.228	12.366	12.325	4834263.326	469810.105	28.716
607	663	0.700	197.819	102.374	17.519	17.508	4834258.054	469808.734	28.777

608	664	0.	192.986	101.898	17.965	17.958	4834257.664	469810.098	28.895
609	665	0.700	206.252	102.068	20.679	20.670	4834255.055	469806.023	28.759
610	666	0.700	206.246	101.666	20.687	20.681	4834255.043	469806.024	28.889
611	667	0.700	206.808	101.646	24.695	24.689	4834251.096	469805.305	28.792
612	668	0.700	215.253	101.871	24.421	24.412	4834252.016	469802.171	28.713
613	669	0.700	215.342	102.157	24.406	24.394	4834252.042	469802.143	28.604
614	670	0.700	223.999	102.370	24.222	24.207	4834253.309	469799.088	28.529
615	671	0.700	238.249	102.415	24.707	24.691	4834255.588	469794.102	28.494
616	672	0.700	238.246	101.910	24.632	24.623	4834255.642	469794.143	28.692
617	673	0.700	235.155	102.600	22.401	22.384	4834256.836	469796.354	28.516
618	674	0.700	235.307	102.004	22.411	22.402	4834256.851	469796.299	28.725
619	675	0.700	233.431	102.903	19.968	19.949	4834258.583	469798.144	28.520
620	676	0.700	233.575	102.327	19.960	19.948	4834258.608	469798.106	28.701
621	677	0.700	236.957	102.814	19.964	19.946	4834259.191	469797.222	28.548
622	678	0.700	236.891	102.291	20.003	19.992	4834259.142	469797.212	28.711
623	679	0.700	241.444	102.018	29.094	29.081	4834252.923	469790.362	28.508
624	680	0.700	236.252	102.017	31.056	31.043	4834249.890	469791.165	28.447
625	681	0.700	236.185	101.560	31.060	31.053	4834249.863	469791.186	28.670
626	682	0.700	234.260	101.364	32.530	32.525	4834248.105	469791.182	28.734
627	683	0.700	228.427	101.378	31.790	31.785	4834247.283	469794.105	28.743
628	684	0.700	226.186	101.053	37.374	37.372	4834241.733	469792.735	28.812
629	685	0.700	235.195	101.059	38.820	38.817	4834243.102	469787.330	28.785
630	686	0.700	236.272	100.956	43.295	43.293	4834239.766	469784.266	28.780
631	687	0.700	235.250	100.756	45.150	45.150	4834237.828	469783.824	28.894
632	688	0.700	230.658	100.828	42.725	42.724	4834238.257	469787.790	28.875
633	689	0.700	220.419	101.088	36.904	36.901	4834240.877	469796.021	28.800
634	690	0.700	214.397	101.331	31.043	31.038	4834245.517	469800.825	28.782
635	691	0.700	214.988	101.818	29.201	29.191	4834247.374	469801.027	28.597
636	692	0.700	214.878	101.473	29.248	29.242	4834247.312	469801.062	28.754
637	693	0.700	210.742	101.482	26.293	26.288	4834249.779	469803.489	28.818
638	694	0.700	211.313	101.150	34.217	34.214	4834242.066	469801.642	28.813
639	695	0.700	214.198	101.086	36.657	36.654	4834240.052	469799.526	28.806
640	696	0.700	214.093	100.916	41.188	41.187	4834235.645	469798.468	28.838
641	697	0.700	219.906	100.562	41.375	41.376	4834236.558	469794.807	29.066
642	698	0.700	219.907	100.974	39.853	39.851	4834237.996	469795.316	28.821
643	699	0.700	219.940	100.641	39.883	39.884	4834237.972	469795.285	29.029
644	700	0.700	225.616	100.917	40.374	40.373	4834238.864	469791.788	28.849
645	701	0.700	225.547	100.642	40.443	40.444	4834238.781	469791.798	29.023
646	702	0.700	225.291	100.758	41.771	41.771	4834237.504	469791.399	28.934
647	703	0.700	213.855	100.755	42.659	42.659	4834234.179	469798.260	28.925
648	704	0.700	220.492	101.125	35.968	35.965	4834241.771	469796.302	28.795
649	705	0.700	221.312	100.285	31.901	31.903	4834245.731	469797.307	29.288
650	706	0.700	215.167	101.463	34.137	34.130	4834242.630	469799.650	28.646
651	707	0.700	211.734	101.844	23.243	23.235	4834252.846	469803.730	28.757
652	708	0.700	203.604	113.240	4.139	4.050	4834271.526	469808.277	28.576
653	709	0.700	12.824	103.925	28.207	28.155	4834302.982	469815.010	27.693
654	710	0.700	8.076	103.482	30.006	29.963	4834305.168	469813.228	27.790
655	711	0.700	398.803	103.124	32.010	31.974	4834307.534	469808.899	27.860
656	712	0.700	396.600	103.671	28.961	28.915	4834304.467	469807.872	27.761
657	713	0.700	399.306	103.966	27.038	26.988	4834302.545	469809.068	27.747
658	714	0.700	391.362	105.388	17.139	17.079	4834292.541	469806.775	27.982
659	715	0.700	385.390	105.381	16.170	16.113	4834291.348	469805.386	28.065
660	716	0.700	373.328	106.164	12.931	12.871	4834287.460	469803.708	28.180
661	717	0.700	376.231	106.822	10.856	10.795	4834285.717	469804.959	28.269
662	718	0.700	373.989	107.358	9.815	9.750	4834284.613	469804.992	28.299
663	719	0.700	367.587	107.969	8.584	8.517	4834283.110	469804.673	28.359
664	720	0.700	392.744	121.158	3.106	2.936	4834278.487	469808.364	28.417
665	721	0.700	394.009	118.323	3.054	2.929	4834278.484	469808.423	28.564
666	722	0.700	350.867	113.318	5.037	4.928	4834279.186	469805.280	28.385
667	723	0.700	4.527	110.320	6.545	6.460	4834281.990	469809.254	28.374
668	724	0.700	9.851	108.594	8.481	8.404	4834283.827	469810.141	28.289
669	725	0.700	12.425	104.227	25.734	25.679	4834300.606	469814.291	27.723
670	726	0.000	300.258	100.351	32.898	32.900	4834276.603	469775.734	29.949
671	727	0.000	294.422	96.896	23.367	23.341	4834274.162	469785.318	31.269
672	728	0.000	283.492	102.868	15.271	15.257	4834272.058	469793.768	29.443
673	729	0.000	274.098	101.211	27.982	27.979	4834265.203	469782.626	29.599
674	730	0.000	257.782	98.337	21.269	21.263	4834262.939	469791.506	30.686
675	731	0.000	271.344	100.248	50.370	50.373	4834254.906	469762.674	29.935
676	732	0.000	262.026	98.177	42.399	42.385	4834252.730	469772.908	31.345
677	733	0.000	249.248	99.702	37.004	37.006	4834249.811	469782.040	30.304
678	734	0.000	246.698	99.359	37.934	37.935	4834248.095	469782.452	30.512

815	513	0.400	395.180	107.379	10.617	10.547	4834231.600	469730.959	28.965			
816	514	0.400	395.019	106.485	10.622	10.568	4834231.600	469730.931	29.112			
817	515	0.400	390.781	108.764	8.443	8.364	4834229.353	469730.488	29.034			
818	516	0.400	29.522	109.405	8.328	8.238	4834228.310	469735.353	28.967			
819	517	0.400	50.951	114.583	5.293	5.155	4834224.533	469735.263	28.991			
820	518	0.400	52.021	112.185	5.402	5.304	4834224.567	469735.432	29.165			
821	519	0.400	88.485	111.120	6.794	6.691	4834222.068	469738.079	29.012			
822	520	0.400	87.329	109.629	6.886	6.808	4834222.207	469738.174	29.155			
823	521	0.400	118.257	111.580	6.502	6.395	4834219.069	469737.548	29.016			
824	522	0.400	146.011	110.481	7.185	7.088	4834216.213	469736.651	29.015			
825	523	0.400	146.446	109.007	7.181	7.110	4834216.163	469736.633	29.180			
826	524	0.400	164.349	112.391	6.224	6.107	4834215.784	469734.566	28.989			
827	525	0.400	164.488	110.878	6.230	6.140	4834215.749	469734.571	29.133			
828	526	0.400	183.665	110.620	7.120	7.022	4834214.208	469733.059	29.010			
829	527	0.400	183.332	109.147	7.118	7.045	4834214.193	469733.101	29.173			
830	528	0.400	239.083	110.305	7.217	7.123	4834215.339	469727.203	29.029			
831	529	0.400	239.175	109.023	7.245	7.173	4834215.306	469727.165	29.169			
832	530	0.400	252.968	112.762	5.945	5.826	4834217.243	469727.052	29.009			
833	531	0.400	254.137	111.297	5.934	5.841	4834217.316	469726.971	29.145			
834	532	0.400	278.308	111.283	6.782	6.676	4834218.990	469725.114	28.997			
835	533	0.400	278.333	109.432	6.827	6.753	4834218.969	469725.041	29.185			
836	534	0.400	311.865	111.717	6.365	6.258	4834222.375	469725.351	29.028			
837	535	0.400	337.674	111.312	6.983	6.874	4834225.037	469725.869	28.958			
838	536	0.400	337.951	110.550	6.941	6.846	4834225.045	469725.909	29.048			
839	537	0.400	353.734	114.674	5.372	5.230	4834225.050	469728.100	28.965			
840	538	0.400	378.898	113.070	6.085	5.958	4834226.731	469729.683	28.952			
841	539	0.400	379.049	111.826	6.112	6.007	4834226.783	469729.682	29.064			
842	540	0.400	8.998	123.565	3.457	3.223	4834224.223	469732.008	28.942			
843	541	0.400	71.469	115.441	5.135	4.985	4834223.081	469736.017	28.959			
844	542	0.400	175.539	112.358	6.214	6.098	4834215.332	469733.595	28.994			
845	543	0.400	268.600	114.159	5.457	5.323	4834218.656	469726.710	28.989			
846	544	0.400	353.367	115.344	5.177	5.028	4834224.876	469728.208	28.957			
847												
848	Станция: пт8(9) Ih = 1.588											
849	-----											
850	Име (клас)	X	Y	H	O	V						
851	пт5(9)	4834275.562	469808.617	28.571	1.7594	-0.0011						
852	пт5(9)	4834275.562	469808.617	28.571	1.7569	0.0014						
853	пт5(9)	4834275.562	469808.617	28.571	1.7585	-0.0002						
854	пт8(9)	4834307.669	469811.257	27.910	1.7583							
855												
856	Име (клас)	Th	R	Z	S	D	X(Vx)	Y(Vy)	H(Vh)			
857	пт5(9)	0.700	203.463	100.442	32.216	32.217	0.001	-0.000				
	-0.004											
858	пт5(9)	0.700	203.465	100.444	32.212	32.213	-0.003	0.000				
	-0.003											
859	пт5(9)	0.700	203.464	100.442	32.215	32.216	0.000	-0.000				
	-0.004											
860	744	0.700	157.358	110.423	6.842	6.751	4834302.263	469815.301	27.683			
861	745	0.700	162.335	110.796	6.689	6.594	4834302.097	469814.782	27.669			
862	746	0.700	124.749	105.019	16.212	16.163	4834301.132	469826.039	27.521			
863	747	0.700	119.959	103.590	23.644	23.608	4834299.771	469833.505	27.465			
864	748	0.700	111.330	103.244	28.947	28.912	4834301.767	469839.560	27.324			
865	749	0.700	103.002	101.931	47.510	47.492	4834304.121	469858.616	27.357			
866	750	0.700	107.475	102.186	47.143	47.119	4834300.860	469857.881	27.180			
867	751	0.700	116.995	102.106	46.877	46.855	4834294.066	469856.094	27.248			
868	752	0.700	126.121	101.992	48.054	48.034	4834287.300	469854.758	27.295			
869	753	0.700	128.666	102.326	39.958	39.934	4834289.303	469846.717	27.338			
870	754	0.700	131.557	102.686	31.879	31.853	4834291.751	469838.847	27.454			
871	755	0.700	121.834	103.119	28.831	28.799	4834297.240	469838.100	27.386			
872	756	0.700	109.966	103.329	28.640	28.603	4834302.431	469839.376	27.301			
873	757	0.700	99.692	103.142	29.406	29.372	4834307.000	469840.622	27.347			
874	758	0.700	99.732	101.771	29.335	29.326	4834306.983	469840.575	27.982			
875	759	0.700	98.380	102.272	21.765	21.753	4834307.622	469833.010	28.022			
876	760	0.700	114.783	104.107	21.193	21.150	4834302.235	469831.697	27.432			
877	761	0.700	128.564	103.671	21.874	21.839	4834297.656	469830.665	27.537			
878	762	0.700	95.125	102.544	17.779	17.766	4834308.539	469829.002	28.088			
879	763	0.700	119.920	104.899	17.154	17.104	4834301.957	469827.379	27.479			
880	764	0.700	134.333	104.401	17.093	17.053	4834298.511	469825.643	27.617			
881	765	0.700	156.459	104.379	14.649	14.615	4834296.090	469820.175	27.791			
882	766	0.700	135.729	106.944	10.857	10.793	4834301.675	469820.232	27.616			

883	767	0.700	117.675	106.315	10.237	10.187	4834304.608	469820.973	27.784
884	768	0.700	80.445	106.391	7.641	7.603	4834309.767	469818.565	28.032
885	769	0.700	118.551	109.324	6.779	6.707	4834305.566	469817.625	27.809
886	770	0.700	145.895	109.693	7.826	7.736	4834302.404	469816.925	27.611
887	771	0.700	177.430	113.210	5.465	5.348	4834302.604	469812.974	27.672
888	772	0.700	62.611	111.575	4.010	3.944	4834309.763	469814.599	28.073
889	773	0.700	278.755	106.185	8.978	8.936	4834304.976	469802.736	27.927
890	774	0.700	241.532	112.376	5.392	5.291	4834303.555	469807.930	27.756
891									
892			Станция:			лт3(9)		Ih = 1.592	
893									
894	Име(клас)	X	Y	H	O	V			
895	пт2(8)	4834998.896	470184.628	26.835	1.7591	0.0010			
896	пт2(8)	4834998.896	470184.628	26.835	1.7591	0.0010			
897	пт2(8)	4834998.896	470184.628	26.835	1.7621	-0.0020			
898	лт3(9)	4834965.888	470175.944	26.877	1.7601				
899									
900	Име(клас)	Th	R	Z	S	D	X(Vx)	Y(Vy)	H(Vh)
901	пт2(8)	0.400	14.619	102.300	34.150	34.130	0.001	-0.000	
	-0.001								
902	пт2(8)	0.400	14.619	102.300	34.152	34.132	-0.001	-0.001	
	-0.001								
903	пт2(8)	0.400	14.616	102.300	34.154	34.134	-0.003	0.000	
	-0.001								
904	245	0.400	22.550	102.994	27.594	27.565	4834991.468	470186.216	26.772
905	246	0.400	22.598	102.753	27.586	27.562	4834991.457	470186.234	26.877
906	247	0.400	59.195	102.630	26.994	26.973	4834981.413	470198.001	26.954
907	248	0.400	67.491	102.677	24.632	24.612	4834977.319	470197.740	27.034
908	249	0.400	52.783	104.311	20.547	20.501	4834979.314	470191.437	26.679
909	250	0.400	90.691	104.914	14.607	14.565	4834967.611	470190.406	26.943
910	251	0.400	87.827	105.473	13.551	13.502	4834968.087	470189.265	26.906
911	252	0.400	93.048	105.725	12.908	12.857	4834966.935	470188.758	26.910
912	253	0.400	95.895	105.240	14.008	13.962	4834966.402	470189.896	26.917
913	254	0.400	101.378	111.839	7.227	7.103	4834965.538	470183.038	26.733
914	255	0.400	69.447	111.834	7.204	7.080	4834968.982	470182.312	26.738
915	256	0.400	8.145	114.362	6.164	6.008	4834971.824	470176.875	26.690
916	257	0.400	119.485	106.623	11.205	11.145	4834962.237	470186.474	26.906
917	258	0.400	118.263	107.599	10.013	9.942	4834962.812	470185.398	26.877
918	259	0.400	126.283	107.576	9.879	9.810	4834961.705	470184.817	26.896
919	260	0.400	126.578	106.903	11.122	11.057	4834961.127	470185.924	26.866
920	261	0.400	316.755	108.528	8.963	8.883	4834968.435	470167.433	26.872
921	262	0.400	315.089	109.811	7.769	7.677	4834967.896	470168.533	26.877
922	263	0.400	325.540	109.900	7.678	7.586	4834969.042	470169.045	26.880
923	264	0.400	325.481	108.480	8.894	8.816	4834969.546	470167.923	26.888
924	265	0.400	323.151	102.733	26.861	26.838	4834976.124	470151.134	26.916
925	266	0.400	326.111	102.696	26.826	26.804	4834977.252	470151.668	26.934
926	267	0.400	326.081	103.004	25.616	25.589	4834976.726	470152.762	26.861
927	269	0.400	318.144	102.558	32.220	32.202	4834975.793	470145.303	26.927
928	270	0.400	320.134	102.571	28.311	28.290	4834975.427	470149.310	26.926
929	271	0.400	319.204	102.890	24.899	24.875	4834973.932	470152.405	26.939
930	272	0.400	324.631	102.917	25.349	25.324	4834976.088	470152.764	26.908
931	273	0.400	315.783	102.687	24.975	24.955	4834972.678	470151.931	27.015
932	274	0.400	313.886	103.246	21.355	21.329	4834971.077	470155.256	26.981
933	275	0.400	309.496	103.053	21.685	21.662	4834969.698	470154.620	27.030
934	276	0.400	297.216	110.511	7.130	7.034	4834965.775	470168.911	26.897
935	277	0.400	289.466	109.261	7.611	7.531	4834964.853	470168.484	26.966
936	278	0.400	260.707	114.960	4.998	4.861	4834963.185	470171.903	26.906
937	279	0.400	252.243	111.286	6.237	6.140	4834961.828	470171.338	26.969
938	280	0.400	211.820	111.514	5.900	5.804	4834960.215	470174.715	27.008
939	281	0.400	206.962	116.414	4.607	4.455	4834961.475	470175.335	26.895
940	282	0.400	171.765	110.867	6.615	6.519	4834959.924	470178.577	26.946
941	283	0.400	159.097	113.033	5.792	5.671	4834961.255	470179.215	26.892
942	284	0.400	145.851	107.835	9.246	9.177	4834959.647	470182.671	26.934
943	285	0.400	139.324	108.843	9.028	8.949	4834960.506	470183.093	26.870
944	286	0.400	138.497	106.421	10.438	10.386	4834959.750	470184.321	27.018
945	287	0.400	135.216	105.926	12.281	12.229	4834959.178	470186.167	26.928
946	288	0.400	137.536	105.623	12.488	12.440	4834958.688	470186.088	26.968
947	289	0.400	134.506	104.779	14.992	14.951	4834957.824	470188.533	26.945
948	290	0.400	104.726	104.191	15.702	15.669	4834964.294	470191.531	27.036
949	291	0.400	101.236	105.422	13.559	13.511	4834965.252	470189.439	26.916
950	292	0.400	94.227	104.507	14.221	14.186	4834966.782	470190.102	27.063

951	293	0.400	86.470	104.581	15.345	15.306	4834968.	470190.989	26.966
952	294	0.400	88.365	104.296	16.164	16.128	4834968.365	470191.878	26.979
953	295	0.400	65.745	104.819	16.148	16.103	4834973.755	470189.994	26.848
954	296	0.400	65.589	105.681	16.160	16.097	4834973.787	470189.969	26.629
955	297	0.400	55.435	106.239	15.074	15.003	4834975.233	470187.681	26.594
956	298	0.400	46.984	106.256	14.546	14.477	4834976.325	470185.976	26.642
957	299	0.400	27.535	106.281	13.980	13.913	4834978.354	470182.122	26.692
958	300	0.400	27.365	105.513	14.002	13.951	4834978.404	470182.106	26.858
959	301	0.400	18.425	105.590	13.675	13.623	4834978.832	470180.191	26.870
960	302	0.400	18.259	106.319	13.706	13.640	4834978.859	470180.162	26.711
961	303	0.400	15.212	108.760	10.120	10.025	4834975.559	470178.585	26.681
962	304	0.400	15.158	107.580	10.051	9.981	4834975.518	470178.565	26.875
963	305	0.400	391.470	107.782	11.756	11.669	4834977.491	470174.705	26.636
964	306	0.400	388.607	108.570	10.571	10.476	4834976.244	470174.364	26.651
965	307	0.400	388.663	107.155	10.487	10.422	4834976.192	470174.382	26.893
966	308	0.400	384.611	110.527	8.748	8.629	4834974.320	470174.110	26.629
967	309	0.400	384.967	108.696	8.734	8.653	4834974.354	470174.152	26.880
968	310	0.400	386.673	113.025	6.890	6.747	4834972.524	470174.724	26.669
969	311	0.400	386.966	111.190	6.873	6.768	4834972.550	470174.751	26.867
970	312	0.400	397.835	115.943	5.530	5.358	4834971.246	470175.909	26.699
971	313	0.400	398.028	113.844	5.529	5.399	4834971.287	470175.926	26.876
972	314	0.400	387.805	122.451	3.996	3.750	4834969.588	470175.332	26.689
973	315	0.400	41.346	116.295	5.366	5.192	4834969.934	470179.196	26.711
974	316	0.400	41.574	113.969	5.370	5.242	4834969.962	470179.242	26.900
975	317	0.400	55.285	112.650	7.195	7.054	4834970.295	470181.452	26.649
976	318	0.400	55.183	110.717	7.184	7.083	4834970.322	470181.467	26.866
977	319	0.400	52.735	108.139	10.692	10.606	4834972.840	470183.953	26.706
978	320	0.400	52.651	107.185	10.640	10.573	4834972.829	470183.920	26.871
979	321	0.400	27.761	107.959	9.867	9.791	4834974.645	470180.323	26.839
980	322	0.400	27.848	109.073	9.945	9.845	4834974.687	470180.359	26.657
981	323	0.400	95.640	111.245	8.095	7.970	4834966.213	470183.907	26.647
982	324	0.400	117.019	108.853	9.544	9.453	4834963.140	470184.988	26.746
983	325	0.400	118.132	108.112	9.479	9.403	4834962.998	470184.891	26.865

21. Оценка на точността от нормираните поправки от абриса на геодезическата снимка

Максимално [несъвпадение, поправка, разлика]	-21.1 [cc]
Минимално [несъвпадение, поправка, разлика]	-0.0 [cc]
Средно аритметична стойност [pw]/n	0.5 [cc]
Вероятна грешка pw [i] (i=n/2)	2.8 [cc]
Средно аритметична грешка [pw]/n	3.6 [cc]
Асиметрия ([pw^3]/n)/(m^3)	0.6 [cc]
Ексцес ([pw^4]/n)/(m^4)-3	0.5 [cc]
Средна квадратна грешка за единица тежест	5.0 [cc]
СКГ за ед. тежест от всички несъвпадения	5.9 [cc]
m : s : r = 1 : 0.80 : 0.67 = 1 : 0.72 : 0.55	
Брой на допустимите разлики n	43
Брой на недопустимите разлики m	1
Брой на положителните грешки	20
Брой на отрицателните грешки	23
Брой на разликите (положителни-отрицателни)	-3
Брой на допустимите разлики (при дов.в.96%)	12

22. Оценка на точността от координатните разлики dx на геодезическата снимка

Максимално [несъвпадение, поправка, разлика]	-6.1 [mm]
Минимално [несъвпадение, поправка, разлика]	0.1 [mm]
Средно аритметична стойност [pw]/n	-0.1 [mm]
Вероятна грешка pw [i] (i=n/2)	1.1 [mm]
Средно аритметична грешка [pw]/n	1.6 [mm]
Асиметрия ([pw^3]/n)/(m^3)	-0.4 [mm]
Ексцес ([pw^4]/n)/(m^4)-3	0.7 [mm]
Средна квадратна грешка за единица тежест	2.3 [mm]
СКГ за ед. тежест от всички несъвпадения	2.3 [mm]

1022	: s : r = 1 : 0.80 : 0.67 = 1 : 0.72 : 0.49
1023	Брой на допустимите разлики n 44
1024	Брой на недопустимите разлики m 0
1025	Брой на положителните грешки 26
1026	Брой на отрицателните грешки 18
1027	Брой на разликите (положителни-отрицателни) 8
1028	Брой на допустимите разлики (при дов.в.96%) 12

23. Оценка на точността от координатните разлики dy на геодезическата снимка

Максимално [несъвпадение, поправка, разлика]	11.6 [mm]
Минимално [несъвпадение, поправка, разлика]	0.0 [mm]
Средно аритметична стойност [pw]/n	0.1 [mm]
Вероятна грешка pw [i] (i=n/2)	0.6 [mm]
Средно аритметична грешка [pw]/n	1.0 [mm]
Асиметрия ([pw^3]/n)/(m^3)	0.6 [mm]
Ексцес ([pw^4]/n)/(m^4)-3	2.1 [mm]
Средна квадратна грешка за единица тежест	1.6 [mm]
СКГ за ед. тежест от всички несъвпадения	3.6 [mm]
m : s : r = 1 : 0.80 : 0.67 = 1 : 0.64 : 0.35	
Брой на допустимите разлики n	39
Брой на недопустимите разлики m	5
Брой на положителните грешки	20
Брой на отрицателните грешки	19
Брой на разликите (положителни-отрицателни)	1
Брой на допустимите разлики (при дов.в.96%)	12

24. Оценка на точността от координатните разлики dh на геодезическата снимка

Максимално [несъвпадение, поправка, разлика]	-40.2 [mm]
Минимално [несъвпадение, поправка, разлика]	1.5 [mm]
Средно аритметична стойност [pw]/n	-6.9 [mm]
Вероятна грешка pw [i] (i=n/2)	5.1 [mm]
Средно аритметична грешка [pw]/n	9.7 [mm]
Асиметрия ([pw^3]/n)/(m^3)	-1.5 [mm]
Ексцес ([pw^4]/n)/(m^4)-3	2.2 [mm]
Средна квадратна грешка за единица тежест	14.2 [mm]
СКГ за ед. тежест от всички несъвпадения	14.2 [mm]
m : s : r = 1 : 0.80 : 0.67 = 1 : 0.68 : 0.36	
Брой на допустимите разлики n	44
Брой на недопустимите разлики m	0
Брой на положителните грешки	33
Брой на отрицателните грешки	11
Брой на разликите (положителни-отрицателни)	22
Брой на допустимите разлики (при дов.в.96%)	12

Обработил:
/инж. В. С.

Заметило
Ч.Ю.С.Чан.А.
Рег. (ЕЕ)
2016/679

ГЕОДЕЗИЧЕСКО ЗАСНЕМАНЕ



ВЪЗПОЖИТЕЛ:

ОБЩИНА БЕЛЕНЕ

ИЗПЪЛНИТЕЛ:

"САИРА -15" ЕООД

УПРАВИТЕЛ:

Саша Захаров

ПРОЕКТАНТ:

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ОБРАЗОВАТЕЛ:

ЧАСТ: ПЪТНА

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Ноември 2017 г.