

Ведомость координат пунктов ГРО

п	имя пункта	x	y	h
1	2	3	4	5
планово-высотное обоснование				
1	1ba	24073.659	81021.674	9.015
2	6aa	24060.325	80999.302	9.035
3	aa1	24562.311	81081.553	13.408
4	aa2	24529.034	81093.188	13.728
5	aa3	24485.438	81093.955	13.671
6	aa34	24244.122	80959.728	6.171
7	aa4	24480.586	81053.179	15.410
8	aa5	24381.086	80419.658	6.604
9	aa6	24610.314	81080.833	13.556
10	aa7	24603.493	81080.763	14.507
11	e8	24676.598	81090.393	13.701
12	ea1	24485.439	81094.185	10.091
13	ea10	24485.903	81030.293	6.623
14	ea2	24485.434	81094.136	10.823
15	ea22	24521.245	81093.512	10.009
16	ea6	24634.624	81091.375	10.614
17	fla1	24431.901	81052.600	9.323
18	k0	24294.217	80964.214	5.738
19	k1	24277.978	80925.194	4.350
20	k10	24232.216	80640.401	4.291
21	k11	24234.093	80680.383	4.316
22	k16	24238.730	80932.587	4.361
23	k2	24277.102	80876.827	4.340
24	k3	24276.216	80830.306	4.322
25	k33.1	24156.656	80791.787	6.204
26	k4	24275.277	80781.348	4.369

1	2	3	4	5
27	k5	24274.395	80735.780	4.321
28	k6	24273.438	80686.492	4.324
29	k7	24272.629	80640.635	4.316
30	k8	24271.656	80591.605	4.304
31	k9	24231.513	80595.044	4.296
32	kc2.5	24334.298	80971.031	8.613
33	kc20	24163.977	80897.790	6.951
34	kc28	24350.517	80946.245	7.072
35	kc38.2	24322.128	80946.802	7.948
36	kca2.4	24334.703	80971.240	8.722
37	kca2.6	24304.957	80947.112	7.652
38	kca22	24330.056	80552.764	12.174
39	kcaa2.6	24355.589	80963.439	5.947
40	kcaa22	24175.129	80922.251	10.401
41	ks1.1	24159.987	80915.146	7.053
42	ks1.2	24199.227	80914.553	6.939
43	ks1.3	24219.889	80913.992	7.142
44	ks1.9	24211.871	80896.872	6.610
45	kup1	24255.886	80569.109	31.943
46	kup10	24261.305	80855.528	31.912
47	kup12	24261.979	80895.087	33.812
48	kup13	24252.552	80899.801	33.842
49	kup14	24263.073	80948.109	31.932
50	kup3	24256.855	80622.618	33.792
51	kup4	24257.704	80665.590	31.924
52	kup6	24258.476	80709.666	33.802
53	kup9	24260.324	80808.054	33.852
54	kupa7	24259.487	80760.566	31.779
55	la1	24480.662	81057.480	6.301
56	la4	24557.327	81092.477	14.321
57	la6	24497.222	81093.719	14.633
58	lfa3	24445.895	80994.242	6.477
59	lfa5	24717.280	81051.746	6.526

1	2	3	4	5
60	lk1.12	24180.744	80921.789	20.737
61	lka1.1	24327.260	80548.184	7.131
62	lka11	24327.255	80548.184	7.127
63	m7	24679.589	81090.337	6.498
64	m8	24679.611	81090.524	6.622
65	ma1	24385.636	80416.048	3.512
66	ma2	24329.129	80417.091	3.508
67	ma3	24615.822	81091.520	14.643
68	mma7	24139.002	80721.685	6.302
69	mma8	24138.268	80756.981	6.408
70	mma9	24142.864	80796.043	6.313
71	p10	24391.305	80723.554	3.511
72	p11	24392.136	80766.387	3.491
73	p12	24392.901	80805.324	3.507
74	p13	24393.608	80844.701	3.500
75	p14	24394.284	80883.059	3.510
76	p4	24386.336	80454.439	3.493
77	p5	24387.070	80493.444	3.493
78	p6	24387.906	80538.258	3.510
79	p7	24388.685	80581.439	3.504
80	p8	24389.485	80624.658	3.506
81	p9	24390.273	80667.823	3.509
82	paa4	24142.923	80796.223	6.069
83	paa6	24384.810	80899.622	3.913
84	paa9	24384.605	80887.512	3.870
85	psa20	24365.271	80453.835	18.261
86	psr7	24354.479	80893.969	6.132
87	psr9	24378.753	80920.353	9.697
88	rp3	24356.631	80687.115	3.086
89	rpp1	24637.511	80960.822	3.339
90	rpp2	24562.989	80955.903	3.366
91	rpp3	24492.224	80955.611	3.382
92	rpp4	24439.398	80956.926	3.464

1	2	3	4	5
93	sn3	24379.932	80981.274	5.901
94	sna2	24379.651	80920.325	13.998
95	t11na	24500.678	81014.131	6.921
96	ta2	24487.929	81014.328	6.275
97	vra2	24646.642	81090.939	10.250
98	vra5	24485.421	81093.949	9.798
99	vrya3	24485.205	81003.735	6.285
100	vrya5	24476.130	81096.449	6.244
101	a1	24054.814	80985.811	17.030
102	a11	24041.823	81044.859	20.151
103	a12	24011.903	81044.073	20.156
104	a13	24040.818	80978.049	17.042
105	a14	24049.671	80977.886	17.054
106	a2	24055.209	81006.843	17.060
107	a3	24060.741	81016.314	17.379
108	a4	24096.152	81050.430	17.411
109	a5	24096.062	81050.596	17.481
110	a6	24087.888	81059.082	17.463
111	a7	24080.246	81061.544	17.456
112	a9	24047.567	81030.091	17.340
113	abk1	24136.848	80712.937	12.634
114	abk1.1	23957.132	80920.463	6.349
115	abk1.2	23984.367	80919.902	6.437
116	abk1.3	24005.018	80919.474	6.665
117	abk1.4	24013.518	80919.568	6.082
118	abk2	24119.347	80713.273	12.635
119	abk3	24139.657	80843.573	15.607
120	abk4	24123.116	80845.039	18.185
121	abk5	24132.630	80843.693	15.650
122	b5	24679.714	81096.513	5.461
123	d4	24050.158	80953.968	7.509
124	egs1	24676.698	81096.729	7.155
125	k12	24235.210	80742.755	4.317

1	2	3	4	5
126	k13	24235.164	80785.296	4.353
127	k14	24235.876	80832.619	4.338
128	k15	24236.815	80873.749	4.336
129	k20	24214.186	80516.498	6.417
130	k21	24187.799	80535.403	6.058
131	kc2.2	24305.337	80562.754	7.126
132	kg0	24357.983	80449.388	5.723
133	kg1	24357.665	80432.182	17.201
134	kg10/2	24181.016	80508.791	14.390
135	kg14	24171.695	80558.820	7.272
136	kg2	24357.785	80438.451	17.015
137	kg3	24357.905	80444.566	17.049
138	kg4	24186.089	80507.155	11.849
139	kg6	24154.250	80449.307	17.794
140	kg6.1	24154.153	80444.230	17.751
141	kg7	24154.478	80461.345	17.974
142	kg8	24154.717	80474.449	16.733
143	kg9	24154.868	80481.419	16.634
144	kg6	24364.851	80432.259	17.371
145	kg7	24371.781	80438.217	17.481
146	kg8	24358.286	80444.591	17.516
147	kg9	24365.173	80449.069	18.754
148	kot1	24036.325	80909.699	6.067
149	kot2	24036.014	80891.710	6.263
150	kpp1	24702.211	81145.646	6.284
151	ks1	24167.939	80579.026	10.824
152	ks10	24198.635	80790.951	11.827
153	ks11	24197.129	80895.356	10.173
154	ks12	24176.397	80895.759	10.127
155	ks17	24170.309	80564.355	12.571
156	ks2	24180.397	80578.769	10.497
157	ks3	24190.773	80682.930	9.914
158	ks4	24169.006	80683.335	8.982

1	2	3	4	5
159	ks5	24170.866	80685.100	10.444
160	ks6	24188.701	80684.762	10.644
161	ks7	24192.572	80789.273	11.148
162	ks70	24288.445	80564.466	8.019
163	ks71	24335.646	80562.190	7.075
164	ks8	24171.026	80789.684	10.791
165	ks9	24173.788	80791.419	11.773
166	ksa26	24186.717	80511.259	18.443
167	kup11	24251.639	80855.716	31.923
168	kup2	24246.202	80569.268	31.948
169	kup2.1	24245.079	80564.582	32.512
170	kup5	24248.028	80665.742	31.910
171	kup8	24249.823	80760.745	31.722
172	lk6	24619.165	81185.513	4.982
173	lk1	24328.710	80547.862	7.236
174	lk1.10	24174.978	80921.066	20.608
175	lk1.2	24155.254	80505.165	8.401
176	lk1.3	24155.230	80504.241	11.342
177	lnu1.1	24153.572	80487.825	5.986
178	lnu1.2	24126.061	80494.950	5.544
179	lnu1.3	24125.214	80449.890	5.547
180	lnu1.4	24152.839	80449.364	5.530
181	lnu2.1	24146.203	80501.563	17.216
182	lnu2.2	24130.712	80501.845	17.178
183	lnu2.3	24125.228	80449.896	17.047
184	lnu2.4	24152.834	80449.384	17.999
185	m10	24288.717	80417.843	3.508
186	m100	24328.733	81148.457	13.521
187	m101	24295.921	81151.402	13.596
188	m11	24646.710	81097.283	10.334
189	m130	24545.342	81099.161	6.180
190	m14	24249.739	80418.573	3.508
191	m17	24188.898	80419.721	3.507

1	2	3	4	5
192	m170	24485.534	81100.290	10.352
193	m20	24165.485	80420.146	3.504
194	m23	24129.098	80420.810	3.512
195	m28	24088.894	80421.584	3.505
196	m30	24069.742	80421.915	3.505
197	m90	24639.997	81155.001	6.630
198	mach1	24380.908	80419.450	9.415
199	mach1	24543.831	81046.960	10.185
200	mach2	24543.758	81046.654	11.070
201	machta1	24011.308	81018.074	6.489
202	machta2	24011.057	81017.480	6.911
203	mm101	24121.572	80844.218	18.077
204	mm11	24152.996	80599.463	5.912
205	mm12	24153.200	80611.181	6.149
206	mm14.1	24129.392	80573.329	6.260
207	mm15.1	24138.697	80573.165	6.402
208	mm3	24119.850	80825.021	8.326
209	mm4	24119.355	80800.140	8.115
210	mm5	24118.384	80749.024	8.130
211	mpp1	24325.784	80488.077	6.310
212	mpp2	24325.300	80462.767	6.331
213	o1	24033.723	80939.239	7.146
214	o1.1	24049.316	80909.411	6.229
215	o1.2	24049.008	80891.536	6.224
216	o10	24238.397	80528.652	7.993
217	o11	24262.057	80528.178	7.969
218	o2	24037.067	80954.107	7.755
219	o3	24037.149	80954.203	7.649
220	o8.1	24262.193	80528.382	7.853
221	op8	24238.335	80528.910	7.981
222	pl1.1	24152.702	80573.643	6.532
223	rp11	24055.420	80667.739	4.578
224	rp12	24053.096	80557.798	4.997

1	2	3	4	5
225	rp13	24052.816	80519.512	4.548
226	rp14	24051.952	80463.043	3.887
227	rp15	24100.684	81009.673	4.668
228	rp16	24120.461	81088.332	5.809
229	rp6	24063.035	80514.803	3.690
230	rp7	24128.320	80686.984	3.582
231	rp8	24170.857	80978.647	3.547
232	rp9	24054.948	80881.564	5.051
233	s18	24033.760	80937.038	6.270
234	srv1	24128.150	80513.424	21.253
235	srv2	24128.620	80538.400	15.863
236	srv3	24128.898	80553.587	12.617
237	srv6	24125.397	80506.811	7.432
238	t30	24169.090	81010.358	10.715
239	t31	24152.365	81025.246	10.779
240	t50	24131.128	81044.105	10.740
241	tp8	24637.312	81167.069	6.261
242	v10	24648.158	81167.575	6.035
243	vr26	24634.172	81155.115	7.543
244	vr3	24667.285	81145.508	12.621
245	vr31	24667.339	81148.569	12.644
246	vrđ8	24634.137	81158.528	8.393
247	vrj4	24710.163	81137.092	5.660
248	vu1	24146.842	80471.056	17.054