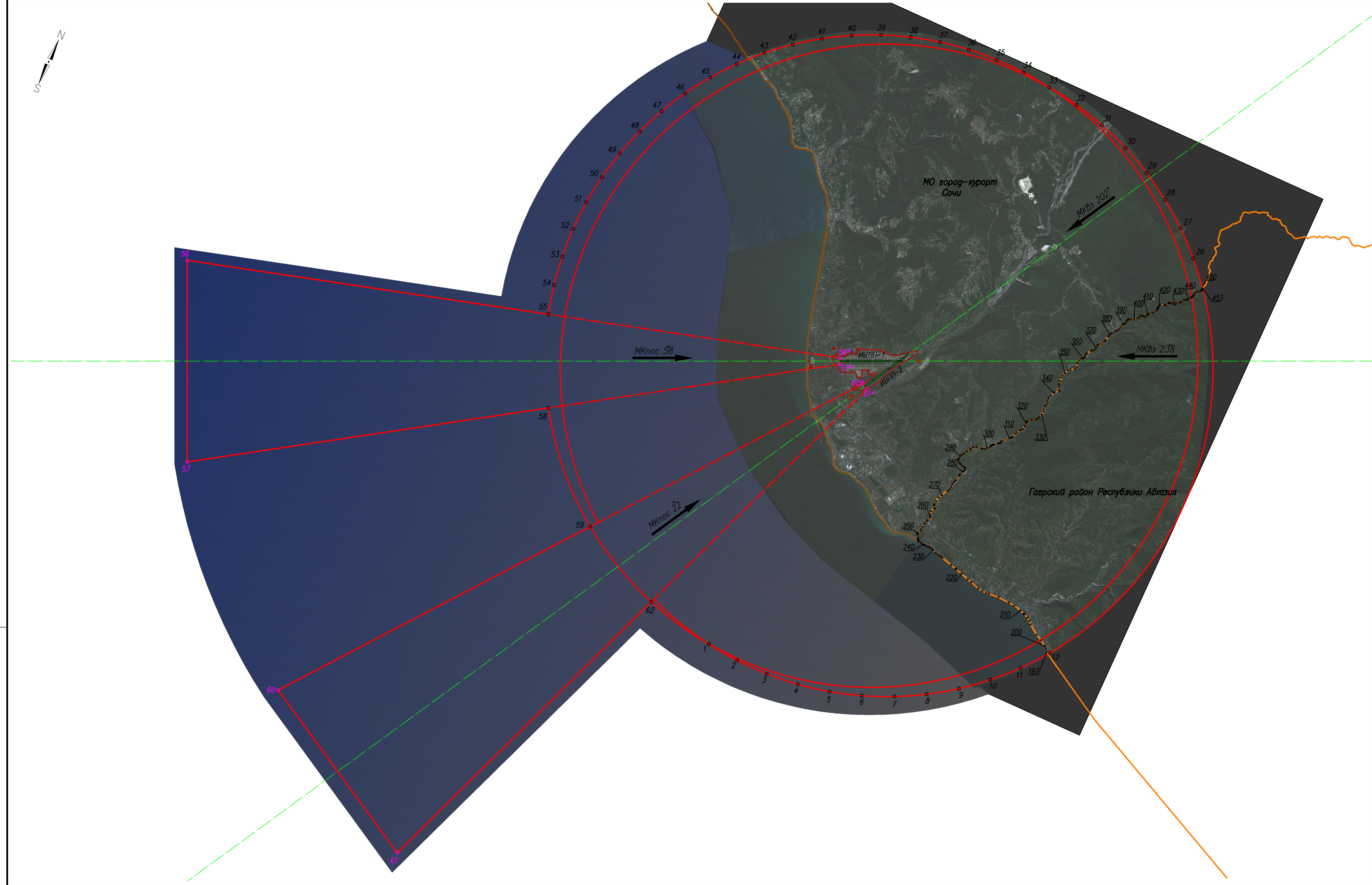


Масштаб: 1:50000
Лист: 1-10
ИЗДАНИЕ: 1-10



УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

- Ось ИВПП
- Граница аэропорта
- Граница муниципальных образований
- Граница РФ
- Граница с номером точки поворота
- Полоса воздушных подходов

ПЕРЕЧЕНЬ КООРДИНАТ										
МСК-23, зона 2			ПЗ-90.11				ГСК-2011			
№ точки	Х	У	Широта		Долгота		Широта		Долгота	
			0	1	0	1	0	1	0	1
1	286792.61	2214389.46	43	18	37.62	N	39	55	36.43	E
2	286643.98	2215870.69	43	18	33.41	N	39	55	42.61	E
3	286764.66	2217377.13	43	18	34.03	N	39	57	49.07	E
4	286764.67	2218867.13	43	18	39.47	N	39	58	55.09	E
5	287092.49	2220034.75	43	18	46.69	N	40	00	00.05	E
6	287535.17	2221765.35	43	19	04.57	N	40	01	03.30	E
7	288118.29	2221444.69	43	19	23.98	N	40	02	04.21	E
8	288362.04	2224459.01	43	19	47.71	N	40	03	02.18	E
9	288891.27	2225895.31	43	20	15.54	N	40	03	56.63	E
10	290645.54	2226840.97	43	20	47.19	N	40	04	47.03	E
11	291719.25	2227884.08	43	21	22.34	N	40	05	32.86	E
12	292891.71	2228816.52	43	22	06.05	N	40	06	13.68	E
197	292896.36	2228871.78	43	22	06.75	N	40	06	07.23	E
198	292891.31	2228877.57	43	22	03.47	N	40	06	03.03	E
199	293055.03	2229492.49	43	22	05.92	N	40	06	59.21	E
200	293092.07	2229454.74	43	22	07.01	N	40	06	57.52	E
201	293271.91	2228216.53	43	22	12.76	N	40	05	46.85	E
202	293404.15	2227925.37	43	22	16.94	N	40	05	33.88	E
203	293718.02	2227475.01	43	22	26.96	N	40	05	22.62	E
204	293839.68	2227347.98	43	22	30.85	N	40	05	08.01	E
205	293940.18	2227215.62	43	22	34.06	N	40	05	02.08	E
206	294030.10	2227025.05	43	22	36.91	N	40	04	53.58	E
207	294038.32	2227000.37	43	22	37.17	N	40	04	52.47	E
208	294039.51	2226996.79	43	22	37.20	N	40	04	52.32	E
209	294044.36	2226982.22	43	22	37.36	N	40	04	52.62	E
210	294109.44	2226786.94	43	22	39.40	N	40	04	42.96	E
211	294208.94	2226432.17	43	22	42.53	N	40	04	27.15	E
212	294220.52	2226146.31	43	22	42.77	N	40	04	14.45	E
213	294252.26	2225816.95	43	22	43.61	N	40	03	50.92	E
214	294216.40	2225148.92	43	22	42.28	N	40	03	30.15	E
215	294302.34	2225007.32	43	22	41.80	N	40	03	23.87	E
216	294369.68	2224463.38	43	22	41.82	N	40	03	15.39	E
217	294326.44	2224605.57	43	22	42.83	N	40	03	06.01	E
218	294364.47	2224193.95	43	22	46.73	N	40	02	47.68	E
219	294410.54	2223986.49	43	22	48.15	N	40	02	38.42	E
220	294338.86	2223820.96	43	22	52.17	N	40	02	22.12	E
221	294617.83	2223304.34	43	22	54.61	N	40	02	08.01	E
222	294626.33	2223275.61	43	22	54.88	N	40	02	06.74	E
223	294700.09	2223021.64	43	22	57.18	N	40	01	55.42	E
224	294836.37	2222821.23	43	23	01.40	N	40	01	33.12	E
225	294856.94	2222467.18	43	23	02.05	N	40	01	30.71	E
226	294876.23	2222376.39	43	23	02.54	N	40	01	26.78	E
227	294891.51	2222289.69	43	23	02.78	N	40	01	23.78	E
228	294891.66	2222190.51	43	23	03.07	N	40	01	18.40	E
229	294910.94	2222113.30	43	23	03.67	N	40	01	14.96	E
230	294976.83	2221989.37	43	23	05.76	N	40	01	08.42	E
231	295008.98	2221920.99	43	23	06.77	N	40	01	06.37	E
232	295026.96	2221880.26	43	23	07.30	N	40	01	04.43	E
233	295031.48	2221869.98	43	23	07.46	N	40	01	01.43	E
234	295031.48	2221750.45	43	23	07.44	N	40	00	58.78	E
235	295031.48	2221886.90	43	23	07.41	N	40	00	56.96	E
236	295030.68	2221828.18	43	23	07.37	N	40	00	53.35	E
237	295026.66	2221563.02	43	23	07.21	N	40	00	50.46	E
238	295027.79	2221445.03	43	23	07.24	N	40	00	49.54	E
239	295030.68	2221498.66	43	23	07.32	N	40	00	47.60	E
240	295032.29	2221455.23	43	23	07.35	N	40	00	45.67	E
241	295036.31	2221394.89	43	23	07.46	N	40	00	42.98	E
242	295049.97	2221341.80	43	23	07.88	N	40	00	40.62	E
243	295067.66	2221256.33	43	23	08.42	N	40	00	36.82	E
244	295076.18	2221208.23	43	23	08.78	N	40	00	33.24	E
245	295110.38	2221176.32	43	23	09.78	N	40	00	32.44	E
246	295132.87	2221142.41	43	23	10.49	N	40	00	31.72	E
247	295170.31	2221129.50	43	23	11.70	N	40	00	31.13	E
248	295237.30	2221111.36	43	23	13.87	N	40	00	30.29	E
249	295316.68	2221042.28	43	23	16.47	N	40	00	28.31	E
250	295379.94	2221023.49	43	23	18.45	N	40	00	26.31	E
251	295418.40	2221014.38	43	23	19.70	N	40	00	25.88	E
252	295553.10	2221081.98	43	23	24.08	N	40	00	27.93	E
253	295632.40	2221092.90	43	23	26.66	N	40	00	29.26	E
254	295742.49	2221078.55	43	23	30.22	N	40	00	28.57	E
255	295803.37	2221094.69	43	23	35.02	N	40	00	31.47	E
256	295885.40	2221146.81	43	23	38.12	N	40	00	31.47	E
257	296091.31	2221164.38	43	23	41.55	N	40	00	32.20	E
258	296145.95	2221195.96	43	23	43.34	N	40	00	33.57	E
259	296275.47	2221233.56	43	23	47.55	N	40	00	35.18	E
260	296341.79	2221212.69	43	23	49.78	N	40	00	34.21	E
261	296429.78	2221164.98	43	23	52.52	N	40	00	31.74	E
262	296576.44	2221159.77	43	23	57.27	N	40	00	31.74	E
263	296744.18	2221250.81	43	24	02.74	N	40	00	35.70	E
264	296764.76	2221248.90	43	24	03.40	N	40	00	35.60	E
265	296865.65	2221189.39	43	24	06.64	N	40	00	32.05	E
266	296886.35	2221167.10	43	24	07.31	N	40	00	31.91	E
267	296961.89	2221156.58	43	24	09.76	N	40	00	31.59	E
268	297090.67	2221162.35	43	24	13.93	N	40	00	31.59	E
269	297298.27	2221219.05	43	24	20.68	N	40	00	34.00	E
270	297444.35	2221302.67	43	24	25.44	N	40	00	37.64	E
271	297730.68	2221442.08	43	24	34.84	N	40	00	43.73	E
272	297782.66	2221488.16	43	24	36.47	N	40	00	45.31	E
273	297865.31	2221520.83	43	24	39.16	N	40	00	47.12	E
274	297972.48	2221527.97	43	24	42.64	N	40	00	47.38	E
275	298116.16	2221530.44	43	24	47.29	N	40	00	47.41	E
276	298293.97	2221587.83	43	24	51.14	N	40	00	49.02	E
277	298326.63	2221603.49	43	24	54.14	N	40	00	50.55	E
278	298597.66	2221648.62	43	25	02.94	N	40	00	54.42	E
279	298670.70	2221670.76	43	25	05.31	N	40	00	53.36	E
280	298825.44	2221716.90	43	25	10.34	N	40	00	55.34	E
281	298896.56	2221716.48	43	25	12.67	N	40	00	57.95	E
282	298960.64	2221789.55	43	25	15.01	N	40	00	58.93	E
283	299047.45	2221749.57	43	25	17.55	N	40	00	56.67	E
284	299060.90	2221692.67	43	25	17.96	N	40	00	55.93	E
285	299070.52	2221594.84	43	25	18.24	N	40	00	49.78	E
286	299100.31	2221494.48	43	25	19.17	N	40	00	45.32	E
287	299160.39	2221420.88	43	25	20.76	N	40	00	42.01	E
288	299244.47	2221328.61	43	25	23.77	N	40	00	37.85	E

ПЕРЕЧЕНЬ КООРДИНАТ											Гск-2011							
№ точки	МСК-23, зона 2		Широта		Долгота		Широта											
	X	Y	0	1	0	1	0	1	0	1								
289	299310.79	2221305.55	43	25	25.91	N	40	00	36.80	E	43	25	25.89	N	40	00	36.79	E
290	299340.92	2221324.77	43	25	28.81	N	40	00	37.59	E	43	25	28.79	N	40	00	37.58	E
291	299526.07	2221972.83	43	25	32.91	N	40	00	39.68	E	43	25	32.89	N	40	00	39.67	E
292	299621.12	2221440.10	43	25	38.02	N	40	00	42.62	E	43	25	38.00	N	40	00	42.60	E
293	299752.89	2221517.95	43	25	40.32	N	40	00	46.01	E	43	25	40.29	N	40	00	45.99	E
294	299917.61	2221619.04	43	25	45.69	N	40	00	50.42	E	43	25	45.67	N	40	00	50.40	E
295	300049.66	2221704.40	43	25	50.01	N	40	00	54.15	E	43	25	49.99	N	40	00	54.14	E
296	300120.75	2221832.69	43	25	52.35	N	40	00	59.80	E	43	25	52.32	N	40	00	59.78	E
297	300185.16	2222075.01	43	25	53.88	N	40	00	01.56	E	43	25	53.86	N	40	00	01.54	E
298	300174.02	2222125.32	43	25	54.19	N	40	00	02.80	E	43	25	54.17	N	40	00	02.78	E
299	300192.03	2222233.65	43	25	54.81	N	40	00	03.17	E	43	25	54.79	N	40	00	03.15	E
300	300289.79	2222306.54	43	25	58.01	N	40	00	02.79	E	43	25	57.99	N	40	00	02.77	E
301	300395.99	2222396.01	43	26	01.32	N	40	00	02.72	E	43	26	01.30	N	40	00	02.70	E
302	300445.58	2222455.99	43	26	03.10	N	40	00	03.10	E	43	26	03.08	N	40	00	03.08	E
303	300506.18	2222452.04	43	26	05.07	N	40	00	01.75	E	43	26	05.05	N	40	00	01.73	E
304	300536.76	2222485.77	43	26	06.14	N	40	00	02.63	E	43	26	06.12	N	40	00	02.61	E
305	300557.34	2222526.93	43	26	06.76	N	40	00	01.30	E	43	26	06.74	N	40	00	01.28	E
306	300678.11	2222666.71	43	26	08.63	N	40	00	01.36	E	43	26	08.60	N	40	00	01.33	E
307	300726.57	2222741.03	43	26	12.00	N	40	00	01.22	E	43	26	11.98	N	40	00	01.20	E
308	300778.30	2222768.19	43	26	14.01	N	40	00	01.07	E	43	26	13.98	N	40	00	01.05	E
309	300845.76	2222781.62	43	26	16.20	N	40	00	01.43	E	43	26	16.17	N	40	00	01.41	E
310	301125.32	2223044.16	43	26	25.35	N	40	00	01.53	E	43	26	25.33	N	40	00	01.51	E
311	301179.14	2223109.51	43	26	27.12	N	40	00	01.50	E	43	26	27.10	N	40	00	01.48	E
312	301252.37	2223155.95	43	26	29.51	N	40	00	01.50	E	43	26	29.49	N	40	00	01.48	E
313	301410.77	2223200.00	43	26	34.60	N	40	00	01.34	E	43	26	34.58	N	40	00	01.32	E
314	301503.03	2223217.76	43	26	37.67	N	40	00	02.20	E	43	26	37.64	N	40	00	02.18	E
315	301633.28	2223231.68	43	26	41.90	N	40	00	02.05	E	43	26	41.88	N	40	00	02.03	E
316	301691.40	2223387.27	43	26	43.82	N	40	00	02.08	E	43	26	43.80	N	40	00	02.06	E
317	301759.64	2223447.81	43	26	46.05	N	40	00	02.10	E	43	26	46.03	N	40	00	02.08	E
318	301898.04	2223440.40	43	26	50.54	N	40	00	02.11	E	43	26	50.52	N	40	00	02.09	E
319	301948.01	2223460.00	43	26	52.16	N	40	00	02.11	E	43	26	52.14	N	40	00	02.09	E
320	320207.03	2223444.45	43	26	58.14	N	40	00	02.10	E	43	26	58.12	N	40	00	02.08	E
321	3202106.00	2223454.54	43	26	57.37	N	40	00	02.10	E	43	26	57.35	N	40	00	02.08	E
322	3202152.01	2223469.68	43	26	58.77	N	40	00	02.11	E	43	26	58.75	N	40	00	02.09	E
323	3202192.61	2223495.39	43	27	00.10	N	40	00	02.12	E	43	27	00.07	N	40	00	02.09	E
324	320269.68	2223587.65	43	27	03.28	N	40	00	02.17	E	43	27	03.25	N	40	00	02.15	E
325	320326.13	2223609.88	43	27	04.55	N	40	00	02.18	E	43	27	04.52	N	40	00	02.16	E
326	320388.67	2223773.14	43	27	06.55	N	40	00	02.24	E	43	27	06.53	N	40	00	02.22	E
327	320445.38	2223837.53	43	27	08.41	N	40	00	02.27	E	43	27	08.39	N	40	00	02.25	E
328	320526.96	2223872.62	43	27	11.07	N	40	00	02.29	E	43	27	11.05	N	40	00	02.27	E
329	320591.42	2223900.01	43	27	13.17	N	40	00	02.30	E	43	27	13.15	N	40	00	02.28	E
330	320726.40	2223950.94	43	27	17.23	N	40	00	02.32	E	43	27	17.21	N	40	00	02.30	E
331	320784.94	2223987.99	43	27	22.01	N	40	00	02.33	E	43	27	21.99	N	40	00	02.31	E
332	320979.74	2223933.65	43	27	25.76	N	40	00	02.31	E	43	27	25.74	N	40	00	02.29	E
333	330310.72	2223911.54	43	27	29.77	N	40	00	02.30	E	43	27	29.75	N	40	00	02.28	E
334	330180.61	2223941.33	43	27	32.27	N	40	00	02.32	E	43	27	32.25	N	40	00	02.30	E
335	330263.45	2223959.59	43	27	35.61	N	40	00	02.32	E	43	27	35.59	N	40	00	02.30	E
336	330385.32	2223987.99	43	27	38.61	N	40	00	02.33	E	43	27	38.59	N	40	00	02.31	E
337	330494.85	2223922.11	43	27	42.48	N	40	00	02.31	E	43	27	42.45	N	40	00	02.29	E
338	330588.11	2223933.65	43	27	45.47	N	40	00	02.31	E	43	27	45.45	N	40	00	02.29	E
339	330699.60	2223973.05	43	27	49.10	N	40	00	02.31	E	43	27	49.07	N	40	00	02.29	E
340	330862.98	2224034.56	43	27	54.41	N	40	00	02.35	E	43	27	54.39	N	40	00	02.33	E
341	330914.94	2224073.00	43	27	58.11	N	40	00	02.37	E	43	27	58.09	N	40	00	02.35	E
342	3304025.58	2224034.76	43	28	00.70	N	40	00	02.37	E	43	28	00.68	N	40	00	02.35	E
343	3304078.17	2224032.76	43	28	01.46	N	40	00	02.43	E	43	28	01.43	N	40	00	02.41	E
344	3304181.99	2224169.24	43	28	04.80	N	40	00	02.41	E	43	28	04.77	N	40	00	02.39	E
345	3304266.64	2224122.02	43	28	07.52	N	40	00	02.39	E	43	28	07.50	N	40	00	02.37	E
346	3304347.37	2224097.99	43	28	10.13	N	40	00	02.38	E	43	28	10.11	N	40	00	02.36	E
347	3304407.94	2224088.94	43	28	14.11	N	40	00	02.37	E	43	28	14.09	N	40	00	02.35	E
348	3304640.19	2224076.85	43	28	18.01	N	40	00	02.37	E	43	28	17.99	N	40	00	02.35	E
349	3304760.64	2224091.26	43	28	23.52	N	40	00	02.37	E	43	28	23.49	N	40	00	02.35	E
350	3304893.27	2224136.43	43	28	27.83	N	40	00	02.38	E	43	28	27.81	N	40	00	02.36	E
351	3305065.30	2224202.75	43	28	33.43	N	40	00	02.40	E	43	28	33.40	N	40	00	02.38	E
352	3305161.45	2224281.84	43	28	36.57	N	40	00	02.46	E	43	28	36.55	N	40	00	02.44	E
353	3305248.68	2224375.92	43	28	39.43	N	40	00	02.47	E	43	28	39.39	N	40	00	02.45	E
354	3305356.17	2224450.51	43	28	42.02	N	40	00	02.50	E	43	28	42.00	N	40	00	02.48	E
355	3305531.43	2224460.39	43	28	46.62	N	40	00	02.52	E	43	28	46.59	N	40	00	02.50	E
356	3305886.14	2224432.92	43	28	50.46	N	40	00	02.53	E	43	28	50.44	N	40	00	02.51	E
357	3305704.43	2224475.70	43	28	54.23	N	40	00	02.54	E	43	28	54.21	N	40	00	02.52	E
358	3306083.50	2224533.29	43	28	57.46	N	40	00	02.57	E	43	28	57.44	N	40	00	02.55	E
359	3306553.40	2224576.79	43	28	59.10	N	40	00	02.58	E	43	28	59.08	N	40	00	02.56	E
360	3306871.60	2224622.77	43	28	59.71	N	40	00	03.00	E	43	28	59.69	N	40	00	02.58	E
361	3307058.38	2224662.38	43	29	01.87	N	40	00	03.02	E	43	29	01.85	N	40	00	03.00	E
362	3308006.21	2224644.37	43	29	04.07	N	40	00	03.01	E	43	29	04.05	N	40	00	03.00	E
363	3308074.93	2224649.97	43	29	06.30	N	40	00	03.02	E	43	29	06.28	N	40	00	03.01	E
364	3308415.17	2224664.95	43	29	08.58	N	40	00	03.02	E	43	29	08.56	N	40	00	03.01	E
365	3308510.96	2224676.81	43	29	10.71	N	40	00	03.03	E	43	29	10.69	N	40	00	03.02	E
366	3308518.41	2224797.15	43	29	14.12	N	40	00	03.03	E</								