



**МИНИСТЕРСТВО ТРАНСПОРТА РОССИЙСКОЙ ФЕДЕРАЦИИ
(МИНТРАНС РОССИИ)**

П Р И К А З

15 сентября 2010 г.

Москва

№ 200

Об утверждении маршрутов обслуживания воздушного движения

В соответствии с пунктом 19 Федеральных правил использования воздушного пространства Российской Федерации, утвержденных постановлением Правительства Российской Федерации от 11 марта 2010 г. № 138 (Собрание законодательства Российской Федерации, 2010, № 14, ст. 1649), п р и к а з ы в а ю:

1. Утвердить прилагаемые маршруты обслуживания воздушного движения.
2. Признать утратившим силу приказ Министерства транспорта Российской Федерации от 6 октября 2009 г. № 173 «Об утверждении Перечня воздушных трасс Российской Федерации» (зарегистрирован Минюстом России 30 октября 2009 г., регистрационный № 15159).
3. Федеральному агентству воздушного транспорта организовать разработку и издание сборника маршрутов обслуживания воздушного движения Российской Федерации.
4. Настоящий приказ вступает в силу с 1 ноября 2010 г.

Министр

И.Е. Левитин

УТВЕРЖДЕНЫ
приказом Минтранса России
от 15 сентября 2009 № 200

Маршруты обслуживания воздушного движения

I. Воздушные трассы, открытые для международных полетов

№ п/п	Географические координаты		Диапазон эшелонов, м	Ширина трассы, км
	широта	долгота		
1	2		3	4
1	5221,0с ¹⁾ 5312,8с 5436,0с	03318,6в ²⁾ 03410,7в 03720,0в	5700-6300, 8100-12100 1500-12100	10
2	5341,0с 5257,0с 5202,0с 5208,4с 5210,0с 5201,6с	10446,0в 10513,0в 10525,0в 10745,3в 10947,0в 11318,3в	2700-12100 9100-12100 2700-3900, 4800-12100 2700-3900, 4800-12100 4800-12100	10
3	6925,0с 6837,0с	03002,0в 03147,0в	2400-12100	10
4	4113,1с 4206,0с 4253,0с	04735,2в 04817,0в 04930,0в	6000-13100 5100-13100	10
5	4751,4с 4628,8с 4444,4с	03913,1в 04315,9в 04930,0в	3300-5100, 5700-16100 3300-5100, 5700-16100	10
6	5517,0с 5500,8с 5456,0с 5438,0с 5348,6с 5426,0с 5445,0с 5453,0с 5323,0с 5257,0с 5229,7с 5222,5с 5201,6с 5106,0с 4937,6с	08224,0в 08238,4в 08305,0в 08349,0в 08652,7в 09204,0в 09640,0в 09904,0в 10352,0в 10513,0в 10953,2в 11045,6в 11318,3в 11432,0в 11722,7в	1800-16100 1800-16100 1800-16100 5400-16100 3600-3600, 4200-16100 3600-16100 3900-16100 2400-16100 3300-16100 4800-16100 4800-16100 4800-16100 2400-16100 2100-16100	10
7	5018,8с 5038,6с 5121,2с 5137,0с	03629,1в 03635,5в 03700,9в 03709,0в	1500-12100 2100-3000, 5400-12100 2100-3000, 5400-12100	10
8	4856,0с 4715,5с 4545,0с	04025,0в 03949,1в 03722,0в	8600-13100 5700-13100	10

1	2	3	4
9	4523,2c 04930,0B 4556,0c 04704,0B 4740,5c 04053,8B 4757,0c 03948,5B	8100-13100 3600-13100 5700-13100	10
10	5440,2c 03102,6B 5533,0c 03502,0B	2400-12100	10
11	6117,4c 06339,7B 6007,0c 06450,0B 6007,0c 06450,0B	1800-16100	10
12	5358,0c 05447,0B 5132,7c 05230,5B	2100-11600	10
13	5444,0c 03639,0B 5259,0c 03606,0B 5145,1c 03617,8B 5021,3c 03541,9B	4500-12100 1500-12100 6300-12100	10
14	6023,3c 12028,3B 5911,5c 11353,1B 5840,0c 11131,0B 5746,2c 10803,6B 5543,8c 10602,0B 5448,0c 10509,0B	3000-4500, 5700-16100 3600-16100 3600-16100 1800-16100 1800-16100	20 10
15	5024,5c 13656,0B 4906,3c 13808,5B 4754,3c 13908,7B 4737,7c 13924,5B 4545,0c 14054,5B	9600-16100 5700-7200, 9600-16100 5700-7200, 9600-16100 5700-7200, 8600-16100	20
16	7024,3c 16858,3B 6852,1c 17922,6B 6712,5c 16901,6B 6514,3c 16032,5B 6113,3c 15144,7B 5940,6c 14908,7B 5617,5c 14414,2B 5309,0c 14038,2B	5100-8600, 9600-16100 4500-8600, 9600-16100 4500-8600, 9600-16100 4500-8600, 9600-16100 4500-8600, 9600-16100 5400-8600, 10100-16100 5400-8600, 10100-16100	20 10 20
17	6727,3c 03247,2B 6617,0c 03652,0B 6541,0c 04008,0B 6436,0c 04043,1B 6417,0c 04258,0B 6333,6c 05347,7B	1500-3000, 4800-12100 1500-3000, 3600-12100 1500-3000, 3600-12100 1500-14100 1500-3000, 3600-14100	20 10

1	2	3	4
18	4811,7c 03956,6B 4806,9c 04007,2B 4628,8c 04315,9B	5700-13100 8100-12100	10
19	6830,2c 02827,5B 6837,0c 03147,0B 6846,9c 03244,8B	2700-12100 2400-6000	10
20	6135,9c 08959,4B 6015,0c 09013,0B 5828,0c 09207,1B 5426,0c 09204,0B	2700-16100 2700-16100 6300-16100	10
21	4916,0c 04341,0B 5048,0c 04318,0B	4500-13100	10
22	5533,8c 06911,7B 5509,6c 07241,7B	1500-16100	10
23	6803,6c 09500,0B 6918,2c 08718,2B	7200-16100	20
24	4344,0c 04310,0B 4328,0c 04302,0B	4800-7800	10
25	4237,9c 04411,4B 4557,0c 04235,0B	6000-7800, 8600-11600	10
26	5605,4c 04720,9B 5536,3c 04916,3B 5520,0c 05039,0B	1800-14100 1800-14100	10
27	5111,1c 03602,7B 5051,0c 03526,0B	1800-12100	10
28	5533,8c 05205,7B 5526,7c 05327,0B	2100-12100	10
29	5041,7c 05857,4B 5432,4c 05553,2B	2100-14100	10
30	5536,0c 04347,0B 5525,0c 04428,0B 5516,3c 04447,3B 5408,0c 04639,0B 5359,0c 04659,2B 5234,0c 04959,0B	2700-12100 2700-12100 2700-12100 6300-14100 6300-14100	10

1	2	3	4
31	4500,1c 03720,9B 4521,0c 03638,8B	1800-13100	10
32	4500,0c 03635,5B 4321,0c 03905,4B 4259,4c 03959,0B	1200-13100 6400-13100	10
33	5019,0c 03649,7B 5143,0c 04011,0B 5232,0c 04253,0B 5306,8c 04501,1B 5334,0c 04512,0B 5407,5c 04512,9B 5449,0c 04635,0B 5605,4c 04720,9B	7800-12100 1500-12100 2700-3300, 5100-12100 2100-12100 2100-12100 2100-12100 2100-10600	10
34	5808,5c 06816,6B 5724,0c 06705,0B 5710,1c 06519,0B 5528,5c 06525,0B 5419,7c 06416,5B	2100-14100 2100-14100 5100-12100 1800-14100	10
35	5617,0c 09108,0B 5616,3c 09036,7B 5623,0c 08512,7B 5614,0c 08358,0B 5615,0c 07357,0B 5703,5c 06655,0B 5717,7c 06301,8B 5720,0c 06155,0B 5644,6c 06047,9B 5651,0c 05904,0B 5606,0c 05421,0B 5608,7c 05124,4B 5600,0c 04502,0B 5616,0c 04036,0B 5602,0c 03938,0B	2700-8100 2700-16100 1200-16100 5100-16100 5100-16100 5100-16100 1800-15100 1800-14100 1800-14100 2400-6600, 7200-14100 2100-14100 2100-14100 4200-12100 2400-3000, 4200-12100	10
36	5720,0c 06155,0B 5707,3c 06345,3B 5710,1c 06519,0B 5636,3c 06622,2B 5512,0c 06832,0B	1800-14100 2100-16100 5100-16100 5100-16100	10
37	5720,0c 06155,0B 5723,8c 06345,7B 5710,1c 06519,0B	2100-14100 2100-14100	10

1	2	3	4
38	5710,1c 06519,0B 5650,3c 06645,7B 5608,0c 06925,0B 5608,6c 06939,2B 5615,0c 07357,0B	5100-16100 2100-3000, 5100-16100 5100-16100 5100-15100	10
39	5458,0c 07318,6B 5538,0c 07306,0B 5615,0c 07357,0B 5835,0c 07630,0B 6042,6c 07739,6B	1800-15100 1800-15100 1800-15100 1800-15100	10
40	5423,0c 09130,0B 5434,6c 08840,1B 5642,0c 08521,0B 5819,6c 08256,0B 6042,6c 07739,6B	3300-16100 5700-16100 1800-16100 1800-16100	10
41	5615,0c 07357,0B 5517,0c 08224,0B 5456,0c 08305,0B 5434,6c 08840,1B 5412,0c 08952,0B 5344,7c 09123,1B 5323,1c 09202,7B 5210,0c 09355,0B 5100,0c 09752,0B	1800-16100 1800-16100 1800-16100 3000-16100 3000-16100 2700-16100 4200-16100 4800-16100	10
42	5228,0c 08523,0B 5458,6c 08600,0B 5516,2c 08606,5B 5616,3c 09036,7B 5628,6c 09127,6B 5654,0c 09310,0B	1800-16100 1800-16100 1800-16100 6000-16100 6000-16100	10
43	5819,6c 08256,0B 5616,3c 09036,7B 5445,0c 09640,0B 5226,0c 10312,0B 5018,5c 10628,1B	5100-15100 6300-16100 8600-16100 8600-16100	10
44	5516,0c 09449,0B 5549,0c 09418,0B 5554,4c 09349,5B	5400-11600 2700-7200	10
45	6308,8c 03115,9B 6541,0c 04008,0B 6738,2c 05306,8B	7200-14100 7200-14100 7200-14100	10 20

1	2	3	4
	6808,9с 05918,1в 6828,0с 07335,8в 6726,1с 08638,3в 6513,8с 10035,0в 6426,3с 10354,1в 6043,0с 11449,0в 5839,0с 12048,5в 5448,6с 12715,8в 5104,1с 13222,0в 4905,0с 13428,0в 4832,7с 13512,6в 4604,6с 13548,1в 4139,0с 13647,0в	7200-15100 7200-16100 7200-16100 7200-16100 7200-16100 8600-16100 8100-16100 7500-16100 7500-16100 2400-16100 9100-16100 9100-16100	10
46	5455,6с 07737,7в 5458,0с 07318,6в 5451,9с 07100,0в 5148,9с 06022,6в 5057,8с 05835,9в	1800-16100 1800-3000, 5100-15100 Далее по территории республики Казахстан 1500-4200, 5100-12100	10
47	5453,0с 04955,0в 5413,0с 05028,0в 5345,0с 05131,0в 5311,4с 05234,1в 5215,0с 05419,0в	4500-12100 5100-12100 5100-10600 5100-10600	10
48	5149,9с 07915,0в 5318,0с 08300,0в 5348,0с 08332,0в 5516,2с 08606,5в	1800-15100 1800-15100 1800-15100	10
49	5536,3с 04916,3в 5453,0с 04955,0в 5414,0с 05004,0в 5330,1с 05009,3в 5314,0с 05022,0в 5234,0с 04959,0в 5140,4с 05059,2в	2100-3000, 5100-12100 4500-12100 2100-12100 2100-12100 2100-12100 2100-3000, 6600-12100	10
50	5423,0с 08256,0в 5428,6с 08209,9в 5455,6с 07737,7в 5547,2с 07155,8в 5605,0с 06936,0в	6000-15100 6000-15100 6000-15100 1800-16100	10
51	5615,0с 07357,0в 5455,6с 07737,7в 5318,0с 08300,0в	1800-16100 5400-15100	10

1	2	3	4
52	5840,9c 05210,1B 6030,1c 05642,0B	5100-15100	10
53	5952,1c 03551,8B 5959,0c 03610,4B 6207,0c 04254,0B 6241,9c 04631,7B 6333,6c 05347,7B	9100-14100 9100-14100 9100-12100 9100-12100	10 20 10
54	5216,2c 10423,3B 5022,5c 10452,5B	8100-13100	10
55	5907,0c 03139,0B 5551,0c 03256,0B 5438,2c 03309,4B 5312,8c 03410,7B 5301,0c 03422,0B 5253,3c 03427,5B 5047,4c 03552,4B	5100-12100 4500-12100 4500-12100 4500-12100 4500-12100 4500-12100	10 10
56	5559,0c 03648,0B 5645,1c 02754,1B	2100-12100	10
57	6541,0c 04008,0B 6417,0c 04258,0B 6138,8c 05050,7B 5933,0c 06034,0B 5808,5c 06816,6B 5742,0c 07110,0B 5620,1c 07821,6B 5517,0c 08224,0B 5504,7c 08253,7B 5348,6c 08652,7B 5135,4c 09412,4B 5021,4c 09817,7B	7800-14100 1800-14100 1800-15100 1800-14100 1800-16100 7200-16100 1800-4500, 5700-16100 1800-16100 8100-16100 6000-16100 4800-16100	10 20 10 20
58	4751,4c 03913,1B 4745,0c 03948,0B	5700-7800	10
59	6225,3c 03106,5B 6320,5c 03637,0B 6417,0c 04258,0B	8100-14100 8100-14100	10
60	6514,3c 16032,5B 6227,6c 15544,8B 5954,6c 15043,1B	2700-8600, 10100-16100 2700-8600, 10100-16100	20
61	5309,0c 14038,2B	2400-3600, 5400-7200, 13100-16100	20

1	2	3	4
	5625,8c 13802,9B 5517,0c 12447,0B 5445,6c 12308,7B 5424,7c 12204,9B 5344,0c 11946,0B	7200-16100 3000-3300, 5100-6000, 7800-16100 3000-3300, 5100-6000, 7800-16100 3000-3300, 5100-6000, 7800-12100	
62	5625,8c 13802,9B 5341,5c 12705,3B	7200-12100	20
63	5308,0c 13249,0B 5441,7c 13517,0B 5625,8c 13802,9B 5924,1c 14303,1B 6218,3c 15047,0B 6255,2c 15225,2B 6514,3c 16032,5B 6631,1c 16309,6B 6750,8c 16608,1B 6841,7c 17627,1B 6852,1c 17922,63	3000-7200, 8600-16100 2700-3900, 5100-7200, 8600-16100 2400-3900, 5400-6000, 10100-16100 5100-6000, 7200-16100 2400-6000, 7200-16100 2700-4500, 5700-16100 2700-16100 2700-16100 5700-8600, 10100-16100 5700-8600, 10100-16100	20
64	5331,0c 04237,0B 5135,0c 04309,0B 5048,0c 04318,0B 4910,0c 04440,0B 4824,0c 04518,0B	5100-12100 5100-12100 5100-12100 5100-12100	10
65	4500,0c 03635,5B 4240,9c 03916,3B	8250-14950	10
66	5257,0c 10513,0B 5206,5c 10651,7B 5148,5c 10726,5B	2700-3300, 4800-12100 2700-12100	10
67	5148,5c 10726,5B 5208,0c 10727,0B 5218,0c 10629,0B	2700-12100 2700-12100	10
68	5106,0c 11432,0B 4954,0c 11545,0B	2100-2100, 5100-6000, 8600-10100	10
69	5210,0c 10947,0B 5148,5c 10726,5B 5106,0c 10614,0B	3000-12100 3300-3600, 5100-5400, 6600-7200, 9100-12100	10
70	5210,0c 10947,0B 5215,9c 10736,3B 5218,0c 10629,0B	3000-3300, 5100-12100 3000-3300, 5100-12100 2700-3300, 5100-12100	10

1	2	3	4
	5217,6c 10504,7B 5216,2c 10423,3B	6300-12100	
71	5336,0c 04407,0B 5232,0c 04253,0B	2100-12100	10
72	7113,0c 06654,5B 7312,0c 08945,0B 7158,0c 11407,0B 6738,7c 13441,3B 6432,9c 14306,2B 5937,4c 15107,4B 5834,4c 15230,6B 5711,9c 15414,2B 5310,2c 15827,1B	7200-16100 7200-16100 5700-16100 4200-16100 6600-16100 2700-16100 3300-16100 3300-16100	20
73	5456,0c 08305,0B 5348,0c 08332,0B 5321,8c 08332,5B 5316,7c 08416,9B	1800-16100 1800-10100 1800-12100	10
74	5158,0c 08551,0B 4915,2c 08728,9B	5700-5700, 9100-15100	20
75	5526,0c 10154,0B 5309,0c 10347,0B 5216,2c 10423,3B 5052,5c 10553,8B 5018,5c 10628,1B	2700-3300, 4800-12100 6300-11600 6300-12100 3300-3600, 5100-5400, 6600-7200, 9100-12100	10
76	5318,0c 08300,0B 5423,0c 08256,0B 5519,0c 08243,0B	1800-16100 1800-16100	10
77	5135,0c 08112,0B 5228,0c 08523,0B 5245,1c 08634,5B 5314,8c 08857,7B 5344,7c 09123,1B 5426,0c 09204,0B 5516,0c 09449,0B 5505,4c 09706,1B 5453,0c 09904,0B	2700-16100 4500-16100 4800-16100 4500-16100 2700-16100 5100-16100 2100-16100 2100-3600, 5700-12100	10
78	6135,9c 08959,4B 5828,0c 09207,1B 5658,0c 09125,0B 5525,0c 09133,0B	2700-16100 2700-16100 2700-16100	20 10

1	2	3	4
79	5645,0c 09143,0B 5658,0c 09125,0B 5838,0c 08644,0B 5819,6c 08256,0B 5841,0c 07941,0B 5920,0c 07430,0B 6117,4c 06339,7B	2700-10600 5400-16100 1800-15100 5100-15100 5100-15100 5400-16100	10 20
80	5147,7c 05527,5B 5138,0c 05636,0B 5104,3c 05835,8B 5107,8c 05856,2B	2100-12100 3000-5400 1200-5400	10
81	6110,7c 08310,4B 5740,8c 09857,6B 5542,1c 10502,6B 5201,6c 11318,3B	8100-16100 8600-16100 8600-16100	20 10
82	4157,3c 04617,2B 4323,8c 04930,0B	5400-16100	10
83	5153,3c 03656,8B 5155,6c 03708,1B 5209,0c 03816,0B	2700-3900 2700-12100	10
84	5047,4c 03552,4B 5121,2c 03700,9B 5125,8c 03652,7B	1800-12100 2100-5400	10
85	4506,5c 04206,8B 4408,2c 04930,0B	3000-16100	10
✓ 86	5720,0c 06155,0B 5943,0c 06556,0B 5943,0c 06556,0B 6102,0c 06908,0B 6102,0c 06908,0B	2100-15100 2100-16100 2100-16100	10
87	5453,4c 02035,7B 5439,0c 02245,0B	1500-14950	10
88	5702,4c 06121,7B 5723,8c 06345,7B	2100-14100	10
89	4916,0c 04341,0B 5414,0c 03854,0B	4200-12100	10

1	2	3	4
90	6035,0c 10626,0B 5849,0c 11208,0B 5657,5c 11748,4B 5328,2c 12548,7B	8100-13100 8100-13100 8100-13100	20
91	5533,0c 04000,0B 5536,0c 04347,0B	5100-12100	10
92	4139,0c 13647,0B 4553,0c 13453,0B	9100-16100	10
93	4553,0c 13453,0B 4321,9c 13520,4B 4139,0c 13647,0B	9100-16100 9100-16100	10
94	4336,2c 13815,2B 4625,1c 13906,2B 4737,7c 13924,5B	7200-16100 7200-16100	10
95	4321,9c 13520,4B 4239,8c 13508,3B 4059,2c 13411,0B	9600-16100 9600-16100	10
96	6002,0c 03133,0B 6059,0c 03258,0B	9100-12100	10
97	6051,5c 02820,3B 6007,0c 02952,0B	9600-12100	10
98	5226,0c 10312,0B 5137,0c 10055,0B	3600-7800	20
99	5216,2c 10423,3B 5143,0c 10341,0B 5137,0c 10055,0B	3000-7800 3000-7800	20
100	5533,0c 04000,0B 5336,0c 04407,0B	5700-12100	10
101	5407,5c 04512,9B 5350,5c 04703,4B 5346,0c 04852,0B	6300-14100 6300-14100	10
102	5153,8c 04747,8B 5129,4c 05032,9B	7800-14100	10
103	4315,0c 03623,0B 4352,9c 04042,7B	8250-14950	10

1	2	3	4
104	5548,6c 01905,5B 5555,9c 01742,1B	1500-14950	10
105	5002,0c 13211,0B 4905,0c 13428,0B	3000-3300, 6000-12100	10
106	6828,0c 07335,8B 6620,1c 07250,4B 6528,9c 07242,0B 6146,2c 06806,9B 6146,2c 06806,9B 5943,0c 06556,0B 5943,0c 06556,0B	8600-16100 1800-16100 2100-16100 2100-16100 2100-16100	20
107	6018,4c 14556,3B 5954,6c 15043,1B	2700-16100	10
108	6738,7c 13441,3B 6316,0c 14312,0B	5700-16100	20
109	6002,0c 03133,0B 5907,0c 03139,0B 5837,6c 03123,0B 5622,7c 03036,5B 5548,0c 03029,5B	8600-12100 2400-4500, 5400-12100 2400-4500, 5400-12100 1800-12100	10
110	5526,9c 01810,0B 5536,3c 01950,4B	1500-14950	10
111	5453,4c 02035,7B 5518,0c 02055,0B	1500-14950	10
112	5454,8c 01857,5B 5536,3c 01950,4B	1500-14950	10
113	5438,3c 01921,3B 5536,3c 01950,4B	1500-14950	10
114	6422,6c 17314,6з 6405,4c 17240,5з 6359,6c 17222,7з	1800-4500 1800-4500	10
115	5445,5c 12845,1B 5318,5c 13124,9B 5053,0c 13510,0B	7200-16100 7200-16100	10
116	5430,2c 03105,2B 5444,0c 03513,0B	2700-3000, 8100-12100	10

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119	6455,0c 07747,0B 6022,0c 10218,0B 5849,0c 11208,0B	7500-16100 8100-16100	20
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121	5800,7c 05046,3B 5624,2c 05207,3B 5526,7c 05327,0B 5358,0c 05447,0B 5251,4c 05604,7B	2100-14100 6300-14100 6300-14100 2100-14100	10
122	5402,0c 04911,0B 5147,7c 05527,5B 5104,7c 05650,7B	4500-12100 2100-12100	10
123	5143,0c 04011,0B 5414,0c 03854,0B	6600-12100	10
124	5454,8c 01857,5B 5453,4c 02035,7B 5456,5c 02244,2B	1500-14950 1500-14950	10
125	4350,0c 04643,0B 4249,3c 04738,7B	5400-12100	10
126	6310,0c 08800,0B 6135,9c 08959,4B 6022,0c 10218,0B	2700-16100 8600-16100	20
127	4323,9c 13208,8B 4251,7c 13208,8B 4222,2c 13140,0B	2400-6300, 10100-12100 4200-10600	10
128	5948,4c 03016,6B 5936,8c 02846,4B 5927,4c 02806,1B	1200-12100 1200-12100	10

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129	4315,0с 03623,0в	6400-13100	10
	4229,4с 04008,6в	Далее по территории республики Грузии	
	4157,3с 04617,2в	5400-13100	10
	4249,3с 04738,7в		
130	5231,7с 04041,2в	8600-12100	10
	5047,0с 04036,0в	5100-12100	
	4954,0с 04032,0в	5100-12100	
	4932,0с 04028,0в	5100-12100	
	4856,0с 04025,0в	5100-13100	
	4809,0с 04003,0в	5700-13100	
	4745,0с 03948,0в	5700-13100	
	4635,0с 04040,0в	4500-10100	
	4621,0с 04028,0в	4500-10100	
	4529,0с 03950,0в	6300-10100	
	4513,0с 03940,0в		
131	4344,5с 03629,5в	6400-13100	10
	4259,4с 03959,0в		
132	6344,6с 12147,0в	3000-4500, 5700-16100	20
	6205,5с 12947,0в	5700-16100	
	5845,0с 13039,0в	5700-16100	10
	5308,0с 13249,0в	9100-16100	
	5024,5с 13656,0в		
133	4716,0с 14246,0в	5100-16100	20 20 10
	4742,1с 14026,2в	5100-16100	
	4754,3с 13908,7в	5100-16100	
	4804,1с 13820,9в	5100-16100	
	4818,5с 13646,6в	5100-16100	
	4832,7с 13512,6в	1800-16100	
	4834,0с 13435,0в	2700-16100	
	4850,0с 13255,0в	2700-3000, 5100-6000, 9600-16100	
	5013,3с 12808,7в	2400-3600, 9600-16100	
	5023,6с 12725,6в		
134	5456,0с 08305,0в	1800-16100	10 20
	5516,2с 08606,5в	3300-16100	
	5531,0с 09107,0в	6300-16100	
	5516,0с 09449,0в	2700-16100	
	5605,0с 09918,0в	2100-3600, 5100-12100	
	5622,3с 10141,2в	5100-12100	
	5714,0с 10529,0в	5100-12100	
	5746,2с 10803,6в	1800-3600, 4800-12100	
	5928,0с 11232,0в	1500-4500, 5700-12100	
	5938,1с 11249,6в	1800-4500, 5700-12100	
	6043,0с 11449,0в	1500-4500, 5700-12100	
	6317,7с 11820,2в		

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145	6007,0c 02952,0B 6016,0c 02945,6B 6039,4c 02911,2B 6051,5c 02820,3B	3600-4500 3600-4500 3600-4500	10
146	6541,0c 04008,0B 6454,0c 04545,0B 6333,6c 05347,7B	7200-14100 1500-14100	10
147	5517,0c 08224,0B 5521,4c 07818,2B 5458,0c 07318,6B	1800-16100 1800-16100	10
148	5423,0c 08256,0B 5348,0c 08332,0B 5228,0c 08523,0B 5158,0c 08551,0B 5019,0c 08735,0B 4905,5c 08728,0B	1800-15100 1800-15100 2100-15100 5700-15100 5700-15100	10 20
149	5819,8c 02730,9B 5900,0c 02907,0B 5927,0c 03203,0B 6001,2c 03745,7B 5915,8c 04753,9B 5840,9c 05210,1B 5810,0c 05458,7B 5739,1c 05630,6B 5651,0c 05904,0B	9100-14100 9100-14100 2400-3600, 4800-14100 4500-14100 4200-14100 3300-14100 1800-14100 2400-4800, 5400-14100	10 20 10
150	6138,8c 05050,7B 5754,8c 05601,4B 5739,1c 05630,6B 5556,8c 05900,8B 5523,5c 05946,0B 5427,0c 06219,0B	1500-15100 8100-15100 8100-15100 8100-15100 8100-15100	20 10
151	5459,0c 04816,0B 5520,0c 05039,0B 5533,8c 05205,7B 5600,4c 05332,4B 5606,0c 05421,0B 5627,0c 05908,0B	2100-14100 2100-14100 2100-14100 2100-3000, 5100-12100 2100-14100	10
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162	5955,1c 06821,0B 5955,1c 06821,0B 5808,5c 06816,6B	1800-16100 1800-16100	10
163	6526,3c 05212,0B 6600,3c 05722,1B 6618,0c 06016,5B 6635,3c 06636,4B 6614,3c 08300,5B 6547,7c 08756,3B	1800-15100 7500-15100 7500-15100 7500-15100 2700-16100	20
164	5644,6c 06047,9B 5554,0c 06144,0B 5528,5c 06525,0B 5608,0c 06925,0B 5605,0c 06936,0B 5458,0c 07318,6B	1800-15100 1800-15100 1800-15100 1800-16100 1800-16100	10
165	6021,9c 16600,6B 5940,4c 15939,2B 5913,3c 15644,1B 5821,6c 15320,5B	8600-16100 8600-16100 8600-16100	20
166	5743,0c 03458,0B 5622,0c 03726,0B	6300-12100	10
167	5559,0c 03648,0B 5631,0c 03456,0B	2100-12100	10
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171	5310,2c 15827,1B 5516,5c 16116,5B 5613,4c 16241,1B 5846,4c 16435,8B 6021,9c 16600,6B 6202,9c 16946,6B 6202,9c 16946,6B 6531,0c 17917,0з 6630,1c 17019,5з 6637,2c 16858,4з	4500-16100 4500-16100 2700-16100 2700-16100 3000-16100 3000-16100 3000-16100 9100-16100 9100-16100	20 10
172	5721,0c 03909,0B 5706,0c 03743,0B	1800-12100	10
173	5616,3c 09036,7B 5658,0c 09125,0B 6015,0c 09013,0B	2700-16100 2700-3000, 3600-15100	10 20
174	5427,0c 06219,0B 5234,0c 04959,0B	4500-14100	10
175	5625,5c 17249,3B 5519,2c 16638,7B 5510,5c 16602,5B 5520,0c 16256,4B	7500-16100 7500-16100 7500-16100	20
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178	5605,4c 04720,9B 5459,0c 04816,0B	2100-12100	10
179	6852,1c 17922,6з 6150,1c 16032,8B 6012,0c 15441,0B 5327,2c 14700,0B 5125,5c 14622,5B 4646,3c 14508,0B 4511,9c 14340,8B	9600-16100 5700-16100 9600-16100 8600-16100 8600-16100 8600-16100	20 10 20

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182	4650,0c 13620,0B 4612,3c 13625,7B 4440,0c 13639,0B 4139,0c 13647,0B	5700-16100 5700-16100 9100-16100	10
183	5415,8c 04813,6B 5408,0c 04639,0B 5407,5c 04512,9B 5336,0c 04407,0B 5331,0c 04237,0B	6300-10100 2100-10100 2100-10100 2100-12100	10
184	5258,1c 03121,7B 5301,0c 03224,0B 5312,8c 03410,7B 5334,0c 03703,0B 5345,0c 03830,0B 5341,0c 04141,0B 5336,0c 04407,0B 5329,9c 04713,2B 5328,7c 04741,9B 5341,0c 04926,0B 5354,0c 05111,0B	1800-12100 4500-12100 2100-12100 2100-12100 2100-12100 2100-12100 2100-12100 2100-14100 2100-14100 2100-14100 2100-14100	10
185	5138,0c 05636,0B 5148,9c 06022,6B	5100-5400, 6600-12100	10
186	4412,5c 03749,3B 4356,4c 03844,2B 4352,0c 03907,0B 4347,8c 03916,6B 4333,5c 03942,7B 4324,2c 03956,9B	1500-6000 1500-6000 1500-6000 1500-6000 1500-6000	10
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196	7230,0c 03205,0B 7730,0c 06600,0B 7355,9c 09522,6B 7158,7c 10229,6B	9100-12100 9100-12100 9100-16100	20
197	6302,0c 17918,0B 6225,0c 16606,0B 6225,0c 16606,0B 6150,1c 16032,8B 5711,9c 15414,2B	7200-16100 7200-16100 7200-16100 5700-16100	20
198	6514,3c 16032,5B 6012,0c 15441,0B	6000-16100	20
199	6148,0c 04813,8B 6254,0c 05458,0B	8100-15100	10
200	6225,3c 03106,5B 6153,7c 03405,2B	1200-12100	10
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202	6357,6c 12725,9B 7141,7c 12854,0B	2100-4500, 5700-16100	20
203	4214,0c 04917,0B 4249,3c 04738,7B 4356,5c 04239,0B 4407,0c 04128,0B 4447,0c 03848,0B 4456,0c 03748,9B 4500,1c 03720,9B 4509,2c 03632,7B	4800-13100 4800-13100 6300-13100 6300-13100 5100-13100 5100-13100 5100-13100 5100-5400	10
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205	4639,5c 03725,3B 4610,9c 03857,6B 4550,0c 04005,0B	8100-16100 8100-16100 8100-16100	10

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208	5444,0c 03639,0B 5327,5c 03436,0B 5312,8c 03410,7B 5239,0c 03133,0B	4800-12100 2100-12100 7200-12100	10
209	5842,0c 03759,0B 5803,0c 03851,0B	1500-5100	10
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211	5623,0c 08512,7B 5828,0c 09207,1B	1800-16100	10
212	5838,0c 02836,0B 5747,1c 02823,9B 5743,9c 02923,6B	2400-3900 900-3900	10
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214	5055,0c 13812,0B 5040,0c 14246,0B	3300-3600, 5700-6000	10
215	4927,0c 13634,0B 5040,0c 14246,0B 5125,5c 14622,5B 5249,0c 15616,0B	3600-16100 3600-16100 3600-16100	20

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217	4635,2c 14328,7B 4625,9c 14353,7B 4455,2c 14737,2B 4428,0c 14634,0B 4357,0c 14541,0B	3000-3900, 5400-7200 3000-3900, 5400-7200 3000-3900 3000-3900	10
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222	5321,0c 04918,0B 5328,7c 04741,9B 5306,8c 04501,1B	2100-3000, 3600-13100 5100-14100	10
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226	5608,6c 06939,2B 5521,4c 07818,2B 5504,7c 08253,7B 5516,2c 08606,5B 5559,0c 09114,0B	1800-16100 1800-15100 1800-15100 3300-11600	10
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	6647,0c 12322,0B 6603,2c 12929,5B 6316,0c 14312,0B 5954,6c 15043,1B	8100-16100 8100-16100 5700-16100	
228	5318,0c 08300,0B 5228,0c 08523,0B 5029,4c 09125,8B	2100-16100 5700-16100	10
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230	5843,0c 03920,0B 5818,6c 03935,3B 5733,6c 04009,4B	2100-12100 1500-12100	10
231	5843,0c 03926,0B 5818,6c 03935,3B	1800-11600	10
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233	7037,5c 14753,8B 6316,0c 14312,0B 5512,7c 14255,6B 5331,0c 14252,9B	9600-16100 9600-16100 5400-7200, 9600-16100	20
234	5018,5c 10628,1B 5154,5c 10600,7B 5448,0c 10509,0B 6043,3c 10420,5B 6915,3c 10306,9B 7158,7c 10229,6B 7612,0c 09903,0B 7931,7c 09104,5B 8010,1c 09011,6B 8730,0c 03200,0B	3300-3600, 5100-5400, 6600-7200, 9100-12100 9100-16100 8100-16100 8100-16100 8100-16100 2700-16100 2700-16100 7500-12100 7500-12100	10 20
235	5533,8c 05205,7B 5432,4c 05553,2B 5418,0c 05647,0B 5324,2c 05845,4B 5324,1c 06109,4B	2100-6900, 7500-12100 7500-14100 4500-14100 4500-14100	10
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239	6023,3c 12028,3B 6317,7c 11820,2B	7200-11600	20
240	6406,7c 03616,1B 6419,0c 03904,0B	7800-14100	10
241	4553,0c 13453,0B 4259,1c 13435,9B 4059,2c 13411,0B	9100-16100 9100-16100	10
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243	5446,5c 06650,5B 5619,0c 06649,0B	5100-15100	10
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249	4352,0c 03907,0B 4447,0c 03848,0B	6300-7800	10
250	5029,4c 09125,8B 5344,7c 09123,1B 5423,0c 09130,0B 5525,0c 09133,0B 5610,2c 09230,5B 5645,0c 09334,0B 5811,0c 09440,0B 6042,5c 09555,8B 6142,4c 09630,0B 6225,8c 09728,3B 6417,6c 10026,2B	4800-16100 2400-16100 2400-16100 6300-16100 6300-16100 2700-5700, 6300-16100 2700-16100 2700-16100 2700-16100 2700-16100	20 10 20
251	6729,3c 06359,5B 6738,3c 05841,3B 6738,2c 05306,8B	1800-15100 1800-12100	20
252	6828,0c 07335,8B 6842,9c 07958,3B 6803,6c 09500,0B 6732,6c 10059,7B 6557,0c 11131,0B 6317,7c 11820,2B 5836,0c 12524,0B 5515,0c 12952,0B	7200-16100 7200-16100 7200-16100 7200-16100 1800-16100 5100-16100 7800-16100	20
253	6552,0c 04412,0B 6847,1c 04919,0B 6945,8c 06133,8B 7216,6c 09153,9B 7158,7c 10229,6B 7158,0c 11407,0B 7154,0c 12334,0B 7141,7c 12854,0B	1800-3600, 4800-10100 4800-13100 8600-12100 2700-16100 2700-16100 1800-4500, 5700-12100 1800-12100	10 20
254	5149,9c 07915,0B 5440,0c 08237,0B	6900-16100	10
255	5657,0c 13125,0B 6013,5c 12824,5B	8600-16100	20
256	5819,1c 02853,7B 5900,0c 02907,0B	2400-3900, 4500-11600	10

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257	5916,6c 03801,3B 5842,0c 03759,0B 5706,0c 03743,0B	1800-3000, 4800-12100 3000-12100	10
258	5836,0c 12524,0B 5654,5c 12452,6B 5533,4c 12212,7B 5344,0c 11946,0B	3000-16100 3000-16100 5700-12100	10 20
259	6316,0c 14312,0B 6248,0c 14811,0B 6255,2c 15225,2B	3900-4500, 5700-16100 3000-4500, 5700-16100	20
260	6727,8c 03335,3B 6708,9c 03331,1B 6622,4c 03334,3B	3300-12100 2400-12100	10
261	6444,1c 17744,3B 5711,9c 15414,2B 5100,5c 14419,9B 5044,8c 14359,7B 4911,0c 14205,0B 4836,0c 14011,0B	8600-16100 8600-16100 8600-16100 8600-16100 2700-3000, 5400-6000, 9600-16100	20 10
262	6148,0c 03005,0B 6112,0c 03224,0B	1200-12100	10
263	5743,0c 03458,0B 5824,3c 03358,6B 5844,0c 03328,0B 5927,0c 03203,0B 5945,0c 03039,0B	2100-3000, 4800-12100 2400-3900, 5400-11600 2400-3900, 5400-11600 2700-11600	10
264	5958,5c 02606,7B 5936,8c 02846,4B	4200-12100	10
265	5605,4c 04720,9B 5531,0c 04627,0B	2100-12100	10
266	4516,6c 04521,9B 4456,0c 04431,0B 4430,7c 04330,5B 4413,5c 04305,0B 4407,0c 04128,0B	1500-13100 6300-13100 6300-13100 6300-13100	10
267	5415,8c 04813,6B 5332,0c 04612,0B 5306,8c 04501,1B	6300-11600 5400-11600	10

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268	7200,0с 16858,4з 7103,9с 15907,8в 7039,6с 15556,2в 6817,1с 14247,1в 6633,7с 13710,1в	8600-16100 8600-16100 8600-16100 8600-16100	20 10
269	7200,0с 16858,4з 6947,0с 17035,7в 6750,8с 16608,1в	9600-16100 2400-4500, 5700-16100	20
270	5621,6с 02812,0в 5533,0с 03502,0в 5421,0с 03814,0в 5341,0с 04141,0в 5331,0с 04237,0в 5306,8с 04501,1в 5251,7с 04606,4в 5215,1с 04808,3в 5129,4с 05032,9в	1500-14100 Далее по Московской воздушной зоне 2100-12100 2100-12100 5400-6000, 6600-13100 5400-6000, 6600-13100 5400-6000, 6600-13100 5400-6000, 6600-13100	10
271	7312,0с 08945,0в 7342,0с 10944,0в 7236,0с 12140,0в 7141,7с 12854,0в 7125,0с 13608,0в 7037,5с 14753,8в 6948,6с 15446,5в 6844,6с 16120,2в 6643,5с 17100,0в 6444,1с 17744,3в 6353,3с 17234,4з	2700-16100 2700-16100 1800-4500, 5700-12100 1800-4500, 5700-12100 1800-4500, 5700-12100 1800-4500, 5700-12100 1800-4500, 5700-12100 х-4500, 5700-12100 2700-4500, 5700-12100 3000-5700	20
272	6014,0с 02728,5в 6007,0с 02952,0в 5948,4с 03016,6в	3600-14100 3600-4500, 9600-12100	10
273	5808,5с 06816,6в 5740,0с 06612,0в 5710,1с 06519,0в	1800-15100 2100-15100	10
274	5850,6с 02728,2в 5900,0с 02907,0в 5949,0с 03221,0в 6132,0с 03858,0в 6342,0с 04520,5в 6420,1с 04742,6в 6457,6с 05014,0в 6729,3с 06359,5в	3300-12100 3300-12100 5100-12100 7200-14100 7200-14100 7200-14100 1800-15100	10

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275	5201,6с 11318,3в 5221,6с 11531,8в 5344,0с 11946,0в 5407,0с 12335,0в 5341,5с 12705,3в 5318,5с 13124,9в 5308,0с 13249,0в 5309,0с 14038,2в 5331,0с 14252,9в 5329,0с 14555,0в 5309,4с 15236,4в 5249,0с 15616,0в 5310,2с 15827,1в	3000-12100 3000-12100 3000-3300, 5100-6000, 7800-12100 3000-3300, 5100-6000, 7800-16100 5100-6000, 7800-16100 5100-6000, 7800-16100 5100-6000, 7800-16100 1800-3900, 5100-6000, 7200-8600, 10100-16100 2400-6000, 7800-8600, 10100-16100 2400-6000, 7800-8600, 10100-16100 2400-6000, 7800-8600, 10100-16100 2700-16100	10 20
276	4113,1с 04735,2в 4249,3с 04738,7в 4323,8с 04930,0в 5047,1с 08152,7в 5228,0с 08523,0в	7200-13100 5100-6000, 11600-12100 Далее по территории Республики Казахстан 4500-16100	10 10
277	6046,6с 14306,0в 5933,9с 14552,5в 5449,8с 15504,4в 5319,0с 15732,0в 5310,2с 15827,1в	8100-16100 8100-16100 8100-16100 3000-7800	20 10
278	4656,0с 14645,4в 4635,2с 14328,7в 4716,0с 14246,0в	5100-5700, 9600-16100 9600-16100	10
279	5331,0с 05547,0в 5528,6с 05453,6в	7500-14100	10
280	5446,5с 06650,5в 5710,1с 06519,0в 5749,7с 06408,4в 5913,1с 06239,8в 6309,6с 05951,7в 6507,3с 05707,9в 6738,2с 05306,8в 7131,0с 04623,0в 7402,7с 03500,0в	8100-15100 5100-15100 8100-15100 8100-15100 8100-15100 1800-15100 8100-15100 8100-15100	10 20
281	8620,4с 16858,4з 8000,0с 12452,9в 7601,4с 11830,0в 7355,5с 11557,3в 7158,0с 11407,0в	8600-16100 8600-16100 8600-16100 8100-16100 1800-16100	

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	6930,0c 11252,9B 6831,0c 11228,0B 6624,0c 11202,0B 6002,0c 10805,0B 5650,1c 10548,3B 5448,0c 10509,0B	1800-16100 1800-16100 5400-16100 5400-16100 2100-16100	20 10
282	5509,2c 03549,9B 5508,8c 03424,3B	6000-12100	10
283	5759,9c 12742,1B 5519,5c 12720,8B	9600-16100	20
284	5348,6c 08652,7B 5716,2c 07949,8B 5835,0c 07630,0B	8100-16100 8100-16100	10
285	4635,0c 04040,0B 4719,0c 04022,0B 4753,0c 04006,0B 4809,0c 04003,0B	5700-13100 5700-13100 5700-13100	10
286	5940,6c 14908,7B 5711,9c 15414,2B	2100-16100	20
287	5610,2c 09230,5B 5531,0c 09107,0B 5348,6c 08652,7B 5321,8c 08332,5B 5318,0c 08300,0B 5135,0c 08112,0B 5113,7c 08055,1B	6000-15100 3000-15100 3300-3600, 5100-16100 1800-16100 1800-16100 1800-16100	10
288	5438,0c 08349,0B 5406,4c 08502,2B 5211,3c 08839,7B 5029,4c 09125,8B	1800-16100 5400-16100 5400-16100	10
289	6010,7c 08023,0B 6001,0c 08950,7B 5926,0c 09516,3B 5809,0c 10238,5B	4500-16100 4500-16100 4500-16100	10
290	5004,0c 04525,0B 4935,0c 04419,0B 4916,0c 04341,0B 4821,0c 04148,0B 4737,0c 04107,0B 4724,0c 04058,0B 4635,0c 04040,0B	5100-12100 5100-12100 2100-3000, 4200-12100 2100-3000, 5700-12100 5700-12100 5700-12100	10 10

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292	8049,6c 16858,4з 7125,0c 13608,0B 7000,0c 13540,0B 6205,5c 12947,0B	8600-16100 1800-16100 3300-16100	20
293	5845,0c 13039,0B 6012,1c 12843,2B 6831,0c 11228,0B	7200-16100 7200-16100	10
294	5627,0c 05243,0B 5533,8c 05205,7B 5413,0c 05028,0B 5321,0c 04918,0B	2400-14100 2100-14100 5400-12100	10
295	5453,0c 04955,0B 5428,6c 05315,7B 5426,0c 05323,0B 5358,0c 05447,0B 5324,2c 05845,4B	2100-14100 2100-14100 2100-14100 2400-13100	10
296	4611,0c 04837,0B 4523,2c 04930,0B	2100-3900, 5400-12100	10
297	4715,5c 03949,1B 4640,7c 03812,7B 4606,0c 03723,3B	5700-13100 5700-13100	10
298	5837,6c 03123,0B 5933,6c 03031,1B	1500-14100	10
299	4445,0c 04230,0B 4411,5c 04236,1B	2100-6000	10

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301	4059,2c 13411,0B 4139,0c 13647,0B	8600-16100	10
302	5550,0c 03452,0B 5618,0c 03100,0B	5400-11600	10
303	5739,1c 05630,6B 5606,0c 05421,0B	4500-13100	10
304	4321,0c 03905,4B 4324,2c 03956,9B	1200-11600	10
305	6417,0c 04258,0B 6419,0c 03904,0B 6436,2c 03555,1B	7800-13100 6900-14100	10
306	5427,2c 01939,5B 5456,5c 02244,2B	1500-14950	10
307	6541,0c 04008,0B 6945,8c 06133,8B 6924,5c 08613,0B	4800-14100 8600-14100	20
308	5808,5c 06816,6B 6030,0c 07500,0B 6056,6c 07628,1B 6146,0c 08333,0B	1800-16100 2100-16100 5400-16100	10
309	5720,0c 06155,0B 5810,0c 05458,7B 5754,7c 04905,3B	2100-15100 5400-15100	10
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312	4715,5c 03949,1B 4719,0c 04022,0B 4729,1c 04138,2B 4812,0c 04338,0B	1500-13100 1500-13100 5400-13100	10
313	5916,9c 03956,8B 5931,0c 04530,0B 5830,2c 04920,9B 5800,7c 05046,3B 5650,0c 05327,4B 5613,4c 05407,0B 5606,0c 05421,0B 5528,6c 05453,6B 5432,4c 05553,2B 5412,0c 05550,0B 5331,0c 05547,0B 5104,7c 05650,7B	5100-11600 1800-12100 1800-14100 1800-14100 1800-14100 1800-14100 5100-12100 5100-12100 3300-12100 3300-12100 8600-12100	20 10
314	5647,0c 06008,0B 5810,0c 05458,7B	2100-14100	10
315	5940,6c 14908,7B 5924,1c 14303,1B 5904,3c 14254,1B 5309,0c 14038,2B	2100-3600, 5700-16100 1800-16100 1800-16100	20
316	6232,4c 11401,2B 6205,5c 12947,0B 5940,6c 14908,7B 5954,6c 15043,1B 6012,0c 15441,0B	4200-16100 2400-16100 2700-16100 3000-16100	20 10
317	5251,7c 04606,4B 5241,1c 04832,6B 5234,0c 04959,0B 5215,0c 05419,0B 5148,9c 06022,6B	2100-2400, 5400-6000, 6600-13100 2100-2700, 5100-13100 2100-3300, 5100-12100 1500-12100	10
318	5038,6c 03635,5B 5032,0c 03546,0B	1200-6300	10
319	5402,0c 04911,0B 5413,0c 05028,0B	5400-12100	10

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320	5402,0с 04911,0в 5341,0с 04926,0в	2100-12100	10
321	6454,0с 04545,0в 6505,2с 04745,1в 6526,3с 05212,0в	1500-3000, 5700-14100 1500-3000, 5700-14100	10
322	5948,4с 03016,6в 5951,0с 03037,0в 6002,0с 03133,0в 6112,0с 03224,0в 6153,7с 03405,2в 6456,8с 03429,8в	1200-11600 1200-11600 3600-11600 1200-11600 2400-3900, 5100-12100	10
323	6928,0с 03152,0в 6846,9с 03244,8в 6727,3с 03247,2в	4500-12100 1800-12100	10
324	4242,6с 03654,9в 4500,1с 03720,9в 4606,0с 03723,3в 4639,5с 03725,3в 5004,5с 03813,6в 5137,0с 03709,0в 5334,0с 03703,0в 5436,0с 03720,0в 5702,0с 03800,0в 5842,0с 03804,0в 5916,6с 03801,3в 6001,2с 03745,7в 6456,8с 03429,8в 6727,3с 03247,2в 6759,0с 03225,0в 6837,0с 03147,0в 7008,2с 03159,0в	4550-8850, 9750-13100 1500-3000, 4500-13100 4500-13100 Далее по территории республики Украина 5400-12100 2700-12100 4500-12100 Далее по Московской воздушной зоне 2700-12100 1500-2700, 5100-12100 1800-2700, 5100-12100 1500-2700, 5400-12100 1500-12100 2400-4800, 5700-12100 5100-12100 8600-10100	10
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326	4436,0с 04301,2в 4505,1с 04325,0в 4622,4с 04419,9в 4846,9с 04420,8в	6300-12100 4500-12100 5700-12100	10
327	6209,5с 07719,8в 6211,4с 07432,1в 6209,0с 07337,0в 6102,0с 06908,0в 6102,0с 06908,0в	1800-15100 1800-15100 1800-15100	10

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329	5415,8c 04813,6B 5346,0c 04852,0B 5341,0c 04926,0B 5330,1c 05009,3B	6300-12100 2100-12100 2100-12100	10
330	6224,7c 07149,2B 6224,7c 07149,2B 6311,0c 07516,2B	2100-16100 2100-16100	10
331	4621,5c 04911,8B 4611,0c 04837,0B 4556,0c 04704,0B 4516,6c 04521,9B 4352,9c 04042,7B 4321,0c 03905,4B 4302,0c 03759,4B 4242,6c 03654,9B	1500-16100 1500-16100 1500-16100 8100-16100 6300-16100 6400-14950 6400-14950	10
332	4505,1c 04325,0B 4443,5c 04300,0B	1800-6000	10
333	8730,0c 03200,0B 7331,0c 08022,9B 6924,5c 08613,0B 6726,1c 08638,3B 6547,7c 08756,3B 6310,0c 08800,0B 5838,0c 08644,0B 5516,2c 08606,5B 5348,6c 08652,7B 5154,2c 08715,9B 5019,0c 08735,0B	7500-12100 2700-16100 2700-16100 2700-16100 2700-16100 5100-16100 4500-15100 1800-15100 4500-15100 5700-15100	20 10
334	8900,0c 16858,4B 8123,0c 09224,0B 7931,7c 09104,5B 7724,7c 09033,5B 7312,0c 08945,0B 6918,2c 08718,2B 6547,7c 08756,3B 6135,9c 08959,4B 5958,0c 09406,7B 5914,8c 09540,5B	7500-12100 7500-12100 5700-12100 5700-16100 5700-7200, 9100-16100 2700-16100 2700-16100 2700-16100 2400-16100 2400-16100	20

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	5822,6c 09722,2B 5622,3c 10141,2B 5323,0c 10352,0B 5245,0c 10428,0B 5202,0c 10525,0B 5018,5c 10628,1B	2400-16100 2100-3600, 4800-12100 2700-12100 9100-12100 3600-12100	10
335	8430,0c 16858,4B 7301,2c 13018,6B 7141,7c 12854,0B 7041,0c 12724,0B 6647,0c 12322,0B 6344,6c 12147,0B 6023,3c 12028,3B 5655,0c 11817,0B 4954,0c 11545,0B	9600-16100 9600-16100 1800-16100 2400-4500, 5700-16100 2400-4500, 5700-16100 2400-4500, 5700-16100 9600-16100 8100-13100	20
336	5655,0c 11817,0B 4937,6c 11722,7B	8100-13100	20
337	7141,7c 12854,0B 6205,5c 12947,0B 6000,6c 12836,4B 5924,8c 12821,7B 5656,2c 12712,8B 5456,3c 12622,0B 5328,2c 12548,7B	3000-4500, 5700-8600, 9600-16100 9600-16100 9600-16100 9600-16100 9600-16100 9600-16100	20
338	7900,0c 16858,4B 7700,0c 17000,0B 7236,3c 15227,8B 7157,3c 15045,6B 7037,5c 14753,8B 5845,0c 13039,0B 5618,8c 12813,9B 5519,5c 12720,8B 5341,5c 12705,3B 5200,0c 12740,0B 5119,5c 12740,0B 5023,6c 12725,6B 5017,4c 12722,1B	9600-16100 9600-16100 9600-16100 9600-16100 9600-16100 9600-16100 9600-16100 9600-16100 3000-16100 3000-16100 1500-16100 1500-16100	20
339	7037,5c 14753,8B 6205,5c 12947,0B 5836,0c 12524,0B 5648,8c 12307,9B 5344,0c 11946,0B 4937,6c 11722,7B	4500-4500, 5700-16100 4500-4500, 5700-16100 4500-4500, 5700-16100 4500-4500, 5700-16100 8100-13100	20

1	2	3	4
340	5655,0c 11817,0B 5344,0c 11946,0B 5023,0c 11627,0B	8100-13100 8100-13100	10 20
341	5720,0c 06155,0B 5953,1c 06257,2B 6117,4c 06339,7B 6117,4c 06339,7B 6216,4c 06401,2B 6216,4c 06401,2B 6312,0c 06426,0B 6312,0c 06426,0B 6355,2c 06501,8B 6355,2c 06501,8B 6540,0c 07035,0B	1800-14100 1800-14100 1800-16100 1800-16100 1800-16100 1800-16100 180-16100 180-16100 9100-16100 9100-16100	10 20 20
342	5710,1c 06519,0B 5802,0c 06447,0B 6229,0c 06455,8B 6229,0c 06455,8B 6355,2c 06501,8B 6355,2c 06501,8B 6635,3c 06636,4B 6828,0c 07335,8B 7331,0c 08022,9B	2100-15100 1800-6000, 6600-15100 1800-6600, 7200-15100 1800-6600, 7200-15100 1800-16100 1800-16100 1800-16100 1800-4500, 5700-16100	10 20
343	6146,2c 06806,9B 6146,2c 06806,9B 6341,3c 06642,0B 6341,3c 06642,0B 6355,2c 06501,8B 6355,2c 06501,8B	1800-15100 1800-15100 1800-15100 1800-15100 1800-15100	10
344	4856,0c 04025,0B 4847,0c 04010,0B 4836,0c 03955,0B 4831,1c 03951,8B	5100-9100 4200-9100 3600-9100	10
345	5432,4c 05553,2B 5513,0c 05942,0B 5427,0c 06219,0B	3000-14100 8100-14100	10
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348	5644,6c 06047,9B 5603,0c 05935,0B 5504,0c 05704,0B 5432,4c 05553,2B	1800-13100 3000-13100 3000-14100	10
349	5644,6c 06047,9B 5555,0c 05959,0B 5512,0c 05942,0B 5412,0c 05845,4B 5052,5c 05729,7B	2400-14100 3300-14100 3000-14100 2400-14100	10
350	5945,0c 17925,1B 5520,0c 16256,4B 5948,1B 5348,0c 12,5B 5319,0c 12,0B 5249,0c 15615,0B 5238,0c 15554,5B 4459,5c 14417,0B	8100-16100 7200-16100 7200-16100 7200-16100 2700-16100 5100-5700, 8100-16100 5100-5700, 8100-16100	20 10 20
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352	5702,0c 03800,0B 5721,0c 03909,0B 5931,0c 04530,0B	1500-12100 4500-12100	10
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356	5901,0c 05439,0B 5810,0c 05458,7B 5650,0c 05327,4B 5453,0c 04955,0B	1800-2400, 4800-12100 1800-14100 2400-14100	10

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358	5652,4c 05627,0B 5704,3c 05910,7B	2100-12100	10
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360	6333,6c 05347,7B 6318,2c 05807,3B 6228,0c 06602,0B 6228,0c 06602,0B 6156,2c 07123,3B 6130,0c 07415,0B 6056,6c 07628,1B	1800-15100 7500-15100 2400-16100 2400-16100 2400-16100 1800-16100	20 10
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362	6729,3c 06359,5B 6635,3c 06636,4B 6540,0c 07035,0B 6455,0c 07747,0B 6528,7c 08331,6B 6547,7c 08756,3B 6508,3c 09421,2B 6417,6c 10026,2B	2700-15100 1800-16100 1800-16100 1800-16100 2700-16100 2700-16100 2700-16100	10 20
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364	4251,7c 13208,8B 4219,6c 13211,8B 4150,5c 13116,6B	4200-12100 5100-12100	10
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367	5313,0c 03228,0B 5231,0c 03628,0B 5143,0c 04011,0B 4916,0c 04341,0B	4800-12100 5400-12100 4800-12100	10
368	5515,5c 01826,9B 5548,6c 01905,5B	1500-14950	10
369	7037,5c 14753,8B 6908,0c 14731,0B 6816,3c 14748,2B 6357,9c 14832,6B 5940,6c 14908,7B	1800-13100 8600-13100 8600-13100 8600-13100	20
370	5523,0c 09228,0B 5426,0c 09204,0B 5029,4c 09125,8B	3000-12100 5100-16100	10 20
371	5210,0c 09355,0B 5438,1c 09309,5B 5520,9c 09259,5B 5557,0c 09243,0B 5610,2c 09230,5B 5639,0c 09239,0B 5828,0c 09207,1B 6733,5c 09746,0B 7158,7c 10229,6B	4500-16100 3900-16100 6000-16100 6000-16100 6000-16100 6000-16100 3000-16100 4800-16100	10 20
372	5102,6c 04538,9B 5052,0c 04527,2B 4916,0c 04341,0B 4635,0c 04040,0B 4447,0c 03848,0B 4242,6c 03654,9B	8600-12100 8600-12100 8600-13100 8600-13100 6300-13100	10 10
373	4241,1c 03740,0B 4408,0c 03902,0B	7900-13100 8100-12100	10

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374	6637,2c 16858,4з 6636,9c 17020,8з 6527,1c 17159,7B 6527,1c 17159,7B 6353,5c 16444,4B 5617,5c 14414,2B	8600-16100 8600-16100 8600-16100 8600-16100 8600-16100	20
375	6531,0c 17917,0з 6527,1c 17159,7B	8600-16100	20
376	4733,3c 03818,8B 4745,0c 03948,0B 4753,0c 04006,0B 4821,0c 04148,0B	8100-16100 8100-16100 8100-16100	10
377	5209,0c 03816,0B 5436,0c 03720,0B	6000-12100	10
378	6353,5c 16444,4B 6353,5c 16444,4B 5940,6c 14908,7B	8600-12100 8600-12100	20
379	6340,0c 03714,0B 6436,0c 04043,1B 6552,0c 04412,0B	1500-14100 6300-14100	10
380	7024,3c 16858,3з 6947,0c 17035,7B 6844,6c 16120,2B 6728,0c 15343,0B 6432,9c 14306,2B 6247,0c 13651,0B 6022,0c 13426,0B 5845,0c 13039,0B	8600-16100 2100-4500, 5700-16100 2100-16100 5400-16100 3600-16100 2100-16100 3000-16100	20

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	6117,4c 06339,7B 6117,4c 06339,7B 6102,0c 06908,0B 6102,0c 06908,0B 6130,0c 07415,0B 6146,0c 08333,0B 6135,9c 08959,4B 6104,3c 10047,5B 6019,6c 10721,2B 5857,5c 11458,4B 5751,5c 11926,7B 5648,8c 12307,9B 5519,5c 12720,8B 5445,5c 12845,1B 5308,0c 13249,0B 5053,0c 13510,0B 4927,0c 13634,0B 4631,2c 13804,0B 4336,2c 13815,2B	2100-16100 2100-16100 2100-16100 2100-16100 6300-16100 2700-16100 2700-16100 2700-16100 7200-12100 7200-12100 7200-16100 7200-16100 7200-16100 7200-16100 7200-16100 7200-16100 7200-16100 7200-16100 7200-16100	10
386	5500,8c 08238,4B 5519,0c 08243,0B 5548,0c 08305,0B 5614,0c 08358,0B 5838,0c 08644,0B 6135,9c 08959,4B 6417,6c 10026,2B 6653,1c 10655,4B 6831,0c 11228,0B 7154,0c 12334,0B	1800-15100 1800-4500, 6000-15100 1800-15100 5100-6300, 7500-15100 1800-4500, 5700-15100 2700-16100 2700-16100 2100-4500, 5700-10100 2100-4500, 5700-10100	10 20
387	6010,3c 02656,8B 5945,0c 03039,0B 5949,0c 03221,0B 6001,2c 03745,7B 6050,8c 04312,8B 6114,5c 04642,8B 6333,6c 05347,7B 6341,9c 05430,6B 6557,0c 07822,0B 6547,7c 08756,3B 6526,6c 09432,4B 6426,3c 10354,1B 6232,4c 11401,2B 6023,3c 12028,3B 5308,0c 13249,0B 4905,0c 13428,0B	3600-14100 2100-12100 2400-2700, 5100-12100 5100-12100 5100-12100 1500-2400, 5100-12100 8100-15100 7800-16100 7800-16100 8100-16100 8100-16100 8100-16100 2100-16100 7200-16100 5700-16100	10 20 10 20 10

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389	5551,0c 03256,0B 5610,7c 03207,2B 5633,2c 03104,7B 5643,1c 03043,3B 5749,8c 02733,7B	9100-12100 9100-12100 6600-6900, 9100-14100 6600-6900, 9100-14100	10
390	5808,5c 06816,6B 5644,0c 07013,4B 5458,0c 07318,6B	1500-16100 1800-15100	10
391	4330,0c 04505,0B 4336,0c 04513,0B	2700-9100	10
392	5906,6c 07629,7B 5701,0c 08204,0B 5557,2c 08533,9B 5344,7c 09123,1B 5100,0c 09752,0B	1800-16100 5400-16100 5400-16100 5400-16100	10
393	5616,3c 09036,7B 5559,0c 09114,0B	2700-16100	10
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395	4757,0c 03948,5B 4719,0c 04022,0B 4513,0c 03940,0B 4458,0c 03934,0B 4422,0c 03927,0B 4355,0c 03920,0B 4321,0c 03905,4B 4211,1c 03924,2B	8600-13100 5700-12100 8100-12100 5100-12100 5100-12100 6400-12500 6400-12500	10
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397	6209,5c 07719,8B 6146,0c 08333,0B 6107,3c 08846,4B	6000-16100 8100-16100	20
398	5345,0c 03830,0B 5414,0c 03854,0B	2100-12100	10

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401	6025,0c 09304,0B 6107,3c 08846,4B 6056,6c 07628,1B	8100-16100 8100-16100	20
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404	4846,9c 04420,8B 4824,0c 04518,0B 4612,0c 04651,0B	5400-13100 3600-13100	10
405	5808,5c 06816,6B 6130,0c 07415,0B 6311,0c 07516,2B 6455,0c 07747,0B	2100-16100 3300-16100 6300-16100	10
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407	6311,0c 07516,2B 6209,0c 07337,0B	6000-15100 3000-15100	10

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416	6551,0c 07428,0B 6528,9c 07242,0B 6426,3c 06957,8B 6426,3c 06957,8B 6228,0c 06602,0B 6228,0c 06602,0B	1800-16100 1800-16100 1800-16100 1800-16100	10 20
417	5348,6c 08652,7B 5344,7c 09123,1B	3600-16100	10
418	5644,0c 07013,4B 5636,2c 07355,0B 5620,1c 07821,6B	1800-16100 1800-16100	10
419	5531,0c 04627,0B 5536,3c 04916,3B 5544,0c 05124,0B 5600,4c 05332,4B	2100-12100 2100-3000, 5100-12100 2100-3000, 5100-12100	10
420	5534,0c 04455,0B 5503,0c 04608,0B 5449,0c 04635,0B 5415,8c 04813,6B 5402,0c 04911,0B 5330,1c 05009,3B	2700-3000, 5100-12100 2100-3000, 5100-12100 2100-5700, 6300-12100 2400-12100 2400-12100	10
421	6120,6c 07324,2B 6036,0c 07420,0B 5835,0c 07630,0B 5701,0c 08204,0B 5614,0c 08358,0B	3000-16100 3000-16100 3300-16100 3300-16100	20 10
422	5453,0c 09904,0B 5622,3c 10141,2B 6002,0c 10805,0B 6232,4c 11401,2B 6317,7c 11820,2B 6344,6c 12147,0B 6614,8c 12900,0B 6738,7c 13441,3B 7037,5c 14753,8B 6947,0c 17035,7B 6852,1c 17922,6c 6535,0c 17100,8c 6528,0c 17016,0c 6511,5c 16858,4c	3300-3600, 4800-12100 5700-7800 5700-7800, 8600-12100 2100-4500, 5700-12100 2100-4500, 5700-12100 2100-4500, 5700-12100 2100-4500, 5700-12100 2700-12100 5700-12100 1800-4500, 5700-12100 1500-2400, 5100-12100 5100-12100 5100-12100	10 20
423	6240,0c 03122,5B	7200-14100	10

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425	5859,6c 10351,6B 5738,6c 11112,5B 5439,8c 12208,4B	8100-13100 8100-13100	20
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433	5334,0c 03703,0B 5444,0c 03639,0B 5631,0c 03456,0B 5743,0c 03458,0B	4800-12100 7800-12100 2700-12100	10

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435	5051,0c 03526,0B 5047,4c 03552,4B 5038,6c 03635,5B 5019,0c 03649,7B	1800-12100 1800-12100 2400-3000	10
436	5828,0c 07310,7B 5743,7c 07942,8B 5707,9c 08444,2B 5619,7c 08853,9B 5523,0c 09228,0B 5415,7c 09615,5B 5136,6c 10139,9B 5022,5c 10452,5B	5100-16100 8600-16100 8600-16100 8600-16100 8600-16100 7800-16100 7800-16100	10
437	5444,0c 03513,0B 5325,7c 03551,5B 5259,0c 03606,0B 5137,0c 03709,0B 4932,0c 04028,0B	5400-12100 5400-12100 5400-12100 6300-12100	10
438	4927,0c 13634,0B 4836,0c 14011,0B 4716,0c 14246,0B 4653,3c 14243,0B 4635,2c 14328,7B 4550,0c 14333,5B 4511,9c 14340,8B	3000-3300, 5100-7200, 10100-16100 3000-3300, 5100-7200, 9100-16100 2700-6600, 10100-16100 2700-6600, 7200-16100 4200-16100 4200-16100	10
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440	5226,0c 10312,0B 5022,5c 10452,5B	8600-12100	10
441	5618,0c 03743,0B 5754,1c 03955,0B 5844,5c 04108,7B 6019,0c 04430,0B	1500-12100 4500-12100 7500-14100	10
442	5533,0c 04000,0B 5552,0c 04146,0B	2700-12100 2700-12100	10

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444	5518,4c 06131,2B 5508,0c 06143,0B 5427,0c 06219,0B 5405,6c 06240,7B	4800-14100 4800-14100 4800-14100	10
445	5732,7c 05727,5B 5651,0c 05904,0B 5603,0c 05935,0B 5523,5c 05946,0B	2100-14100 4200-14100 3000-14100	10
446	5135,0c 08112,0B 5440,0c 08237,0B 5519,0c 08243,0B 5701,0c 08204,0B 6042,6c 07739,6B	6900-16100 1800-16100 1800-16100 1800-16100	10
447	5518,4c 06131,2B 5644,6c 06047,9B	1800-3000, 5400-5400, 6000-14100	10
448	5548,0c 04310,0B 5600,0c 04502,0B 5711,0c 04631,0B 5724,1c 04715,5B 5840,9c 05210,1B 5901,0c 05439,0B	2700-12100 2700-3000, 4200-12100 4200-15100 3300-15100 3300-15100 3300-15100	10

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450	4653,3c 14243,0B 4545,0c 14150,3B	2100-10600	10
451	5600,0c 04502,0B 5534,0c 04455,0B 5336,0c 04407,0B 5306,8c 04501,1B 5133,8c 04602,8B	2700-3000, 5100-12100 5700-12100 2100-12100 3600-12100	10
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453	5600,0c 04502,0B 5531,0c 04627,0B 5453,0c 04955,0B 5432,4c 05553,2B 5427,0c 06219,0B 5532,7c 06801,3B	2700-12100 2100-14100 2100-12100 7800-14100 7800-14100	10
454	6205,5c 12947,0B 6357,6c 12725,9B 6647,0c 12322,0B	1800-4500, 5700-16100 1800-4500, 5700-16100	20
455	5949,9c 04139,4B 6019,0c 04430,0B 6155,9c 06317,4B 6155,9c 06317,4B 6156,6c 06453,6B 6156,6c 06453,6B 6056,6c 07628,1B 6042,6c 07739,6B 5838,0c 08644,0B	9100-15100 9100-15100 7500-16100 7500-16100 7500-16100 7500-16100 2100-16100 4500-15100	10 20
456	6037,8c 07029,0B 6037,8c 07029,0B 5945,0c 07517,0B	7200-15100 7200-15100 7200-15100	20

1	2	3	4
	5819,6c 08256,0B 5544,7c 09324,0B 5516,0c 09449,0B	8600-16100 2700-16100	10
457	5536,9c 07113,5B 5615,0c 07357,0B	1500-15100	10
458	5622,7c 03036,5B 5542,4c 02929,5B	1500-14100	10
459	5047,0c 04036,0B 4543,0c 04611,8B 4431,4c 04720,2B 4214,0c 04917,0B	7800-12100 8100-16100 8100-16100	10
460	8000,0c 03500,0B 7730,0c 06600,0B 7657,0c 06831,0B 7459,4c 07610,7B 7331,0c 08022,9B 7140,8c 08425,3B 6951,1c 08736,9B 6720,5c 09155,5B 6526,6c 09432,4B 6225,8c 09728,3B 5756,3c 10044,6B 5622,3c 10141,2B	8600-15100 8600-15100 1500-4500, 5700-15100 2700-4500, 5700-15100 7800-16100 7800-16100 7800-16100 7800-16100 7800-16100 7800-16100 7800-16100 7800-16100	20
461	8500,0c 03200,0B 8133,0c 05535,1B 7730,0c 06600,0B 6728,6c 07128,0B 6528,9c 07242,0B 6332,0c 07304,0B 6120,6c 07324,2B 5615,0c 07357,0B 5536,0c 07339,0B 5458,0c 07318,6B 5409,5c 07224,3B	8600-15100 8600-15100 8600-15100 8600-16100 3000-16100 3000-16100 8600-16100 1800-15100 1800-15100 1800-15100	20 10
462	5511,5c 03058,0B 5533,0c 03502,0B	2100-12100	10
463	5514,1c 02126,4B 5453,4c 02035,7B 5427,2c 01939,5B	1500-14950 1500-14950	10
464	5436,0c 03720,0B 5345,0c 03830,0B	6000-12100	10

1	2	3	4
465	5550,0c 03452,0B 5551,0c 03256,0B 5535,0c 03057,0B	2400-12100 2400-12100	10
466	4337,9c 04408,8B 4350,8c 04337,3B 4413,5c 04305,0B 4445,0c 04230,0B 4506,5c 04206,8B	6300-16100 6300-16100 6300-16100 6300-16100	10
467	4237,9c 04411,4B 4319,0c 04347,0B 4330,8c 04338,2B 4350,8c 04337,3B 4409,3c 04332,0B 4430,7c 04330,5B 4505,1c 04325,0B 4527,5c 04243,5B	6000-12100 6300-11600 6300-11600 6300-11600 4800-11600 3000-11600 6000-11600	10
468	5414,0c 03854,0B 5223,0c 03856,0B 5148,9c 03913,8B 4932,0c 04028,0B	4800-12100 6300-12100 8100-12100	10
469	6455,0c 07747,0B 6359,0c 08203,0B 6214,8c 08742,7B 6135,9c 08959,4B 5859,6c 10351,6B 5746,2c 10803,6B	1800-16100 1800-16100 2700-16100 2700-16100 5700-12100	20
470	4553,0c 13453,0B 4651,2c 14000,0B 4716,0c 14246,0B	5400-7200, 9100-11100, 13100-16100 3300-16100	10
471	5916,9c 03956,8B 5706,0c 03743,0B 5550,0c 03452,0B 5533,0c 03502,0B	1800-3000, 6000-11600 Далее по Московской воздушной зоне 5400-12100	10
472	6148,0c 04813,8B 6138,8c 05050,7B 6229,0c 06455,8B 6229,0c 06455,8B 6228,0c 06602,0B 6228,0c 06602,0B 6224,7c 07149,2B 6209,5c 07719,8B	1800-15100 1800-15100 6300-16100 6300-16100 3300-16100 3300-16100 3300-16100 8100-16100	10 20

1	2	3	4
	6140,4c 09656,1B 6119,2c 10044,8B 5928,0c 11232,0B	2700-16100 2700-16100	
473	5945,0c 05205,0B 5746,0c 03917,0B 5702,0c 03800,0B 5706,0c 03743,0B 5649,5c 03545,6B 5631,0c 03456,0B 5550,0c 03452,0B	5700-15100 5700-12100 900-12100 3600-5700 3600-6300 3600-6600, 9100-10100	10
474	6232,4c 11401,2B 6043,0c 11449,0B	2100-4500, 5700-12100	20
475	6135,9c 08959,4B 6142,4c 09630,0B	2700-16100	20
476	5836,0c 12524,0B 6247,0c 13651,0B	3000-16100	10
477	6001,2c 03745,7B 6117,3c 03845,5B 6132,0c 03858,0B 6355,0c 03807,0B	5100-14100 4500-14100 1500-3000, 4500-14100	10
478	6132,0c 03858,0B 6207,0c 04254,0B	7200-12100	10
479	5949,0c 03221,0B 6035,0c 04113,0B 6304,0c 05107,5B 6333,6c 05347,7B	9100-16100 9100-12100 1200-15100	10 20
480	5610,2c 09230,5B 5654,0c 09310,0B 5811,0c 09440,0B 5822,6c 09722,2B	6000-16100 2700-5400, 6000-16100 2700-16100	10
481	6726,1c 08638,3B 6526,6c 09432,4B 6417,6c 10026,2B	7200-16100 7200-16100	10
482	6130,0c 07415,0B 6120,6c 07324,2B 6100,0c 07152,0B 6037,8c 07029,0B 6037,8c 07029,0B	1800-15100 3000-15100 2400-15100 2400-15100 2400-15100	10

1	2	3	4
	5921,8c 06648,9B 5816,2c 06359,0B 5720,0c 06155,0B	2400-15100 2400-15100	
483	5328,2c 12548,7B 5353,3c 12535,0B	3000-16100	10
484	5819,6c 08256,0B 5701,0c 08204,0B	1500-15100	10
485	5608,0c 06925,0B 5525,2c 06051,4B 5523,5c 05946,0B 5533,3c 05817,5B 5550,0c 05625,1B 5606,0c 05421,0B	5100-15100 3000-15100 2400-15100 2400-15100 3000-15100	10
486	5943,3c 04310,2B 6011,7c 03930,0B 6059,0c 03557,4B	8600-14100 8600-14100	10

II. Маршруты зональной навигации, открытые для международных полетов

№ п/п	Географические координаты		Диапазон эшелонов	Требуемые навигационные характеристики
	широта	долгота		
1	6918,6с 5039,4с	08720,0в 09125,8в	8100-14100	RNAV5
2	5933,0с 5100,0с	06034,0в 09752,0в	8100-14100	RNAV5
3	5808,5с 5021,4с	06816,6в 09817,7в	8100-14100	RNAV5
4	5712,8с 5134,3с	06522,1в 08818,3в	8100-14100	RNAV5

III. Воздушные трассы, не открытые для международных полетов

№ п/п	Географические координаты		Диапазон эшелонов, м	Ширина трассы, км
	широта	долгота		
1	2		3	4
1	5747,1с 02823,9в 5823,0с 03021,0в 5829,8с 03120,3в 5826,0с 03232,0в 5824,2с 03323,5в 5824,3с 03358,6в 5916,6с 03801,3в 5853,0с 03812,0в 5843,0с 03926,0в		1200-4200 2400-3900, 4800-5400 1800-2100, 3900-5700 1800-2100, 3900-5700 1800-3900, 4800-5700 2400-3900, 5400-5700 1500-6300 1500-6300	10
2	5430,2с 03105,2в 5444,6с 03204,1в 5435,3с 03221,0в		1200-3600 1200-3000	10
3	6622,6с 04233,4в 6436,0с 04043,1в 6255,1с 04405,7в 6214,0с 04500,0в 6046,0с 04619,0в 5958,0с 04549,0в 5949,9с 04139,4в		1800-3000 1800-3000, 4200-6600 1800-3000, 4200-6600 8600-10100 1500-6300 1500-6300	10
4	5334,0с 03703,0в 5145,1с 03617,8в		4500-12100	10
5	5747,8с 04101,2в 5748,0с 04027,0в 5721,0с 03909,0в		1500-3000 1500-5100	10
6	5536,0с 04347,0в 5533,7с 04318,6в 5512,8с 03942,9в		5700-12100 5700-12100	10
7	7023,7с 06820,6в 6851,9с 06644,3в 6811,6с 06421,0в		1800-7800 1800-7800	10
8	5744,5с 04650,9в 5754,7с 04905,3в		5400-15100	10
9	5540,0с 04037,0в 5616,0с 04036,0в 5656,5с 04056,0в 5705,0с 04007,0в 5702,0с 03800,0в		5100-5100 4800-5400 1200-3900 3600-3900	10
10	4513,0с 03940,0в 4447,0с 03848,0в		6300-9100	10

1	2	3	4
11	4502,1c 03910,2B 4458,0c 03934,0B 4517,0c 03955,0B 4546,0c 04014,0B 4621,0c 04028,0B	6300-9100 6300-9100 6300-9100 4500-9100	10
12	5143,0c 04011,0B 5135,0c 04309,0B 5133,8c 04602,8B	2400-12100 2100-3600, 4200-12100	10
13	5840,9c 05210,1B 5744,5c 04650,9B 5701,1c 04306,0B 5602,0c 03938,0B	5400-15100 4200-12100 4200-12100	10
14	6854,0c 06927,0B 7114,0c 07208,3B	1800-12100	10
15	4935,0c 04419,0B 4846,9c 04420,8B 4822,0c 04306,0B 4821,0c 04148,0B	5400-10100 5400-12100 5100-12100	10
16	6854,0c 06927,0B 6851,9c 06644,3B	1800-7800	10
17	5354,0c 05111,0B 5337,0c 05227,0B	2100-5400	10
18	5744,0c 03330,0B 5907,0c 03139,0B	5100-10100	10
19	5958,1c 03550,1B 5916,6c 03801,3B 5916,9c 03956,8B	1500-6600 1500-5700	10
20	5223,0c 03856,0B 5232,9c 03916,0B 5242,2c 03932,3B 5305,4c 03923,6B 5345,0c 03830,0B	1800-5100 1800-2100 1800-2100 1800-10100	10
21	6022,0c 10218,0B 5833,4c 11157,2B 5819,0c 11253,0B 5752,0c 11413,0B 5517,0c 12447,0B 5507,9c 12500,8B 5341,5c 12705,3B 5002,0c 13211,0B	2700-16100 8600-12100 3000-6000, 8600-12100 3900-4500, 5100-6000, 8600-12100 3000-3300, 5100-6000, 7800-12100 3000-3300, 5100-6000, 7800-12100 7200-12100	20

1	2	3	4
22	5328,2c 12548,7B 5341,5c 12705,3B 5425,0c 12725,0B 5438,0c 12828,0B 5445,5c 12845,1B	2400-5400, 7800-12100 2400-7200 1800-7200 1800-7200	10
23	5916,9c 03956,8B 6001,2c 03745,7B	x-12100	10
24	6918,2c 08718,2B 7058,0c 09430,0B 7158,7c 10229,6B 7342,0c 10944,0B	2700-16100 2700-16100 2700-12100	20
25	6416,2c 03847,3B 6355,0c 03807,0B	3000-9100	10
26	5715,2c 04645,2B 5730,0c 04710,0B	4200-12100	10
27	5552,0c 04146,0B 5616,0c 04036,0B 5702,0c 03800,0B 5927,0c 03203,0B	2400-3000, 4200-12100 8600-9100 4200-12100	10
28	6255,2c 15225,2B 6227,6c 15544,8B 6150,1c 16032,8B 6225,0c 16606,0B 6225,0c 16606,0B 6440,0c 17025,0B 6440,0c 17025,0B 6527,1c 17159,7B 6730,8c 17642,7B 6852,1c 17922,63	2700-4500, 5700-10100 2700-4500, 5100-10100 2700-3600, 5700-12100 2700-3600, 5700-12100 2700-3600, 5700-12100 3000-10100 3000-10100 3000-10100 3000-10100	20
29	6116,0c 10802,0B 6043,0c 11449,0B 6205,5c 12947,0B	4200-8600 2400-4500, 5700-12100	20
30	6647,0c 12322,0B 7158,0c 11407,0B 7342,0c 10944,0B 7743,0c 10414,0B	2100-4500, 5700-12100 2100-4500, 5700-12100 2700-12100	20
31	7114,0c 07208,3B 7010,0c 07230,8B 6849,7c 07249,9B	1800-12100 1800-12100	10

1	2	3	4
32	6454,0c 04545,0B 6552,0c 04412,0B 6541,0c 04008,0B	1500-8600 1500-7800	10
33	6112,0c 03224,0B 6456,8c 03429,8B	5400-11600	10
34	5606,0c 05421,0B 5706,3c 05516,8B 5754,8c 05601,4B 5933,0c 06034,0B 6117,4c 06339,7B 6117,4c 06339,7B 6156,6c 06453,6B 6156,6c 06453,6B 6228,0c 06602,0B 6228,0c 06602,0B	1500-12100 1800-12100 1800-12100 1800-14100 1800-14100 1800-14100 3300-14100 3300-14100	10
35	5517,0c 12447,0B 5510,8c 12450,6B 5353,3c 12535,0B	3000-3300, 5100-6000, 7800-12100 3000-3300, 5100-6000, 7800-12100	10
36	5428,6c 05315,7B 5520,0c 05039,0B	2100-7200	10
37	6507,3c 05707,9B 6945,8c 06133,8B	1800-12100	20
38	6526,3c 05212,0B 6507,3c 05707,9B 6603,3c 06006,7B 6635,3c 06636,4B	1800-15100 1800-15100 2400-15100	10 20
39	6945,8c 06133,8B 6915,0c 06456,0B 6828,0c 07335,8B 6729,0c 07840,0B 6726,1c 08638,3B	1800-12100 1800-4500, 5700-12100 4200-12100 4200-12100	20
40	7331,0c 08022,9B 7539,0c 09130,0B 7612,0c 09903,0B 7743,0c 10414,0B	x-12100 x-12100 x-12100	20
41	6750,8c 16608,1B 6440,0c 17025,0B 6440,0c 17025,0B	2700-10100	20
42	6844,6c 16120,2B 6514,3c 16032,5B	4200-8600, 10100-12100 2700-10100	20

1	2	3	4
	6150,1c 16032,8B 5904,9c 15953,3B	2400-7800	10
43	5901,0c 05439,0B 6100,7c 05418,3B 6333,6c 05347,7B	4800-12100 4800-15100	10
44	6531,0c 17917,03 6535,0c 17100,83	1500-4500, 5700-10100	20
45	6635,3c 06636,4B 6604,2c 07631,3B	1800-15100	20
46	7141,7c 12854,0B 7743,0c 10414,0B 7758,9c 10243,9B 7931,7c 09104,5B 8110,0c 06435,0B 8048,1c 04740,1B 8110,0c 06435,0B	1800-4500, 5700-12100 2700-12100 2100-4500, 5700-12100 2100-4500, 5700-10100 2100-4500, 5700-10100 2100-4500, 5700-10100	20
47	6333,6c 05347,7B 6441,7c 05745,9B 6635,3c 06636,4B 6742,0c 07254,0B 6759,2c 07506,0B	1800-15100 5400-15100 1800-15100 1800-15100	10
48	4513,0c 03940,0B 4450,0c 04156,0B 4445,0c 04230,0B 4443,5c 04300,0B	1500-12100 1500-12100 6300-9100	10
49	6436,0c 04043,1B 6307,0c 03825,0B	6300-9100	10
50	6645,0c 04746,0B 6847,1c 04919,0B 7136,9c 05228,8B	1500-3000, 5700-8600 1500-3000, 5700-8600	10
51	6617,0c 03652,0B 6436,0c 04043,1B 6132,0c 03858,0B	1500-12100 6300-12100	10
52	4527,0c 04034,0B 4532,0c 04143,0B	2700-4500	10
53	4502,1c 03910,2B 4603,6c 03814,5B 4640,7c 03812,7B	1200-6000 1200-3300	10

1	2	3	4
54	4502,1c 03910,2B 4640,7c 03812,7B	1500-6000	10
55	4350,8c 04337,3B 4344,0c 04310,0B	6300-9600	10
56	6539,3c 10700,0B 6557,0c 11131,0B	1500-8600	20
57	4622,4c 04419,9B 4824,0c 04518,0B	6300-12100	10
58	4500,1c 03720,9B 4502,1c 03910,2B 4539,2c 03919,2B 4552,8c 03924,6B 4715,5c 03949,1B 4821,0c 04148,0B	1200-12100 6300-12100 6300-12100 6300-12100 900-12100	10
59	4812,0c 04338,0B 4812,0c 04239,0B 4821,0c 04148,0B	4800-8600 4800-8600	10
60	4715,5c 03949,1B 4550,0c 04005,0B	1500-12100	10
61	6444,1c 17744,3B 6852,1c 17922,6з	1500-2400, 5100-12100	20
62	5346,0c 04852,0B 5321,0c 04918,0B	1500-12100	10
63	6159,7c 07058,3B 6159,7c 07058,3B 6355,6c 07259,8B 6604,2c 07631,3B 6729,0c 07840,0B	1800-13100 1800-13100 1800-3000, 4200-11600 1800-3000, 4200-11600	20
64	4715,5c 03949,1B 4513,0c 03940,0B 4324,2c 03956,9B	4500-12100 6300-12100	10
65	6444,1c 17744,3B 6731,2c 17411,9B 6947,0c 17035,7B	2100-4500, 5700-12100 2100-4500, 5700-12100	20
66	6444,1c 17744,3B 6751,0c 17846,0з	2100-6600	20
67	6444,1c 17744,3B	x-6600	20

1	2	3	4
	6302,0c 17918,0B		
68	4324,2c 03956,9B 4422,0c 03927,0B	3900-12100	10
69	4527,0c 04034,0B 4539,0c 04118,1B 4557,0c 04235,0B 4622,4c 04419,9B	1500-12100 1500-12100 1500-12100	10
70	7657,0c 06831,0B 7931,7c 09104,5B	x-4500, 5700-12100	20
71	4249,3c 04738,7B 4323,3c 04542,0B 4400,0c 04513,0B	3300-12100 2100-12100	10
72	4702,9c 04616,1B 4617,0c 04800,3B	1500-12100	10
73	6444,1c 17744,3B 6619,0c 17909,03 6751,0c 17846,03 6852,1c 17922,63 7057,0c 17830,03	2100-6600 2100-6600 2100-6600 1500-2400, 5100-12100	20
74	6638,0c 07255,0B 6759,2c 07506,0B	1800-12100	10
75	5438,4c 05248,1B 5442,0c 05348,0B 5528,6c 05453,6B	2100-12100 2100-12100	10
76	4458,0c 03934,0B 4450,0c 04156,0B	1500-12100	10
77	6355,2c 06501,8B 6355,2c 06501,8B 6454,6c 06445,1B 6642,0c 06416,5B 6729,3c 06359,5B 6945,8c 06133,8B 7600,0c 06629,0B 7657,0c 06831,0B 8110,0c 06435,0B	1800-3000, 5700-12100 1800-3000, 5700-12100 1800-3000, 5700-12100 2400-15100 1800-12100 1500-4500, 5700-12100 1500-4500, 5700-12100 1500-4500, 5700-10100	20
78	5148,8c 04623,6B 5058,0c 04657,0B	2100-3000	10

1	2	3	4
79	6908,0c 14731,0B 6543,8c 15046,2B 6255,2c 15225,2B 5954,6c 15043,1B	3600-8600, 10100-12100 3600-8600, 10100-12100 2700-12100	20
80	5306,8c 04501,1B 5102,6c 04538,9B	3600-12100	10
81	7931,7c 09104,5B 7548,4c 08322,5B 7331,0c 08022,9B	1200-10100 2700-12100	20
82	5536,3c 04916,3B 5853,0c 05052,0B 5912,8c 05051,8B	2100-12100 1800-14100	10
83	6828,0c 07335,8B 6742,0c 07254,0B 6638,0c 07255,0B	1800-12100 1800-12100	20
84	6635,3c 06636,4B 6854,0c 06927,0B	1800-3000, 4200-12100	10
85	5153,8c 04747,8B 5102,6c 04538,9B	5100-14100	10
86	6528,9c 07242,0B 6729,0c 07840,0B 6918,2c 08718,2B	4200-16100 4200-16100	20
87	6455,0c 07747,0B 6718,0c 08147,2B 6918,2c 08718,2B	1800-16100 2700-16100	20
88	5828,0c 09207,1B 6022,0c 10218,0B 6116,0c 10802,0B 6232,4c 11401,2B	2700-16100 5100-16100 5100-12100	20
89	5153,8c 04747,8B 5028,0c 04629,0B 5004,0c 04525,0B	5100-14100 5100-10100	10
90	6022,0c 13426,0B 5625,8c 13802,9B	3000-4500, 5400-10100	20
91	6726,1c 08638,3B 7058,0c 09430,0B	4200-12100	20

1	2	3	4
92	5836,0c 12524,0B 5341,5c 12705,3B	3000-3300, 5100-6000, 7800-12100	20
93	5147,7c 05527,5B 5331,0c 05547,0B	3300-11600	10
94	5453,0c 04955,0B 5420,9c 04941,8B 5321,0c 04918,0B	6300-12100 6300-12100	10
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97	5600,0c 04502,0B 5623,0c 04637,0B 5642,3c 04753,7B 5650,0c 05327,4B 5711,9c 05417,5B 5723,1c 05446,4B 5754,8c 05601,4B	2100-3000, 4500-12100 2100-3000, 4500-12100 2100-3600, 5100-12100 1800-14100 1800-14100 1800-14100	10
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107	5924,1c 14303,1B 6117,1c 14543,3B 6248,0c 14811,0B 6359,1c 14912,0B 6543,8c 15046,2B	2700-4500, 5700-10100 3300-4500, 5700-10100 3300-4500, 5700-10100 3300-4500, 5700-10100	20
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129	6254,6c 05134,7B 6138,8c 05050,7B	1800-7800	10
130	6333,6c 05347,7B 6350,0c 05718,0B 6415,0c 06054,0B 6415,0c 06054,0B 6355,2c 06501,8B 6355,2c 06501,8B	1800-6000 2700-8600 1800-8600 1800-8600	10
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133	6526,3c 05212,0B 6333,6c 05347,7B	1800-6000	10
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162	5622,8c 04122,2B 5705,0c 04139,0B 5747,8c 04101,2B 5843,0c 03926,0B	1500-5400 1500-5400 1200-8100	10
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166	7037,5c 14753,8B 6912,0c 15426,0B	1500-4500, 5700-8600	20
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175	6205,5c 12947,0B 6747,0c 13024,0B 7000,0c 13540,0B 7037,5c 14753,8B	3300-6000 2700-12100 1800-12100	20
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180	6247,0c 13651,0B 6738,7c 13441,3B 7000,0c 13540,0B	3300-12100 3300-12100	20 10
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182	5954,6c 15043,1B 6248,0c 14811,0B 6340,5c 14532,7B 6432,9c 14306,2B	3300-6000 3600-6000 3600-6000	20 10
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191	4416,3c 13501,7B 4405,0c 13352,1B 4450,0c 13401,0B 4455,0c 13352,0B	2700-4800 2700-7200 2700-7200	10
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197	6150,1c 16032,8B 5913,4c 16303,8B 5743,0c 16319,0B 5613,4c 16241,1B 5440,8c 15832,8B	2400-7800 1800-7800 2700-7800 3300-7800 3000-7800	10

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212	5331,0c 14252,9B 5147,0c 14308,5B 5040,0c 14246,0B 4916,0c 14255,0B 4751,0c 14231,0B	1800-3900 2700-3900 2400-3900 2400-3900, 5100-6000	10
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214	4832,7c 13512,6B 4834,5c 13648,9B 4836,0c 14011,0B	3000-7200 3000-7200	10
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218	5135,4c 09412,4B 5227,1c 09606,0B 5335,1c 09719,8B 5453,0c 09904,0B	4800-7500 4800-7500 4800-5700	10

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221	5828,0c 09207,1B 5811,0c 09440,0B	2700-12100	10
222	5448,0c 10509,0B 5257,0c 10513,0B	2400-3300, 4800-12100	10
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225	5811,0c 09440,0B 6025,0c 09304,0B 6142,4c 09630,0B	3000-12100 2700-12100	20
226	5822,6c 09722,2B 6122,3c 09640,9B 6142,4c 09630,0B	2700-12100 2700-12100	20
227	5248,0c 10448,8B 5357,0c 10554,0B 5545,0c 10934,0B	4500-12100 4500-12100	10
228	5426,0c 09204,0B 5323,1c 09202,7B	2700-11600	10
229	5828,9c 09905,9B 5941,0c 10102,0B 6022,0c 10218,0B 6140,4c 09656,1B	2700-4200 2700-4200 2700-12100	10 20
230	5527,4c 08910,7B 5616,3c 09036,7B	2700-4500	10
231	6117,4c 06339,7B 6252,6c 06138,0B 6252,6c 06138,0B	1800-7200	10

1	2	3	4
232	6228,0c 06602,0B 6228,0c 06602,0B 6312,0c 06426,0B 6312,0c 06426,0B	1800-12100 1800-12100	10
233	6426,3c 06957,8B 6426,3c 06957,8B 6341,3c 06642,0B 6341,3c 06642,0B 6312,0c 06426,0B 6312,0c 06426,0B 6252,6c 06138,0B 6252,6c 06138,0B 6350,0c 05718,0B	1800-8100 1800-8100 1800-8100 1800-8100 1800-8100 1800-8100 1800-8100 1800-8100 1800-8100	10
234	7113,0c 06654,5B 7023,7c 06820,6B 6854,0c 06927,0B 6734,5c 07001,6B 6652,0c 07050,0B 6626,6c 07054,5B 6528,9c 07242,0B 6348,3c 07437,3B 6311,0c 07516,2B	1800-12100 1800-12100 1800-12100 1800-12100 1800-12100 1800-12100 1800-12100 1800-12100 1800-12100	20 10
235	6056,6c 07628,1B 6027,0c 07550,0B 5808,5c 06816,6B 5608,0c 06925,0B	1800-12100 1800-12100 1800-12100	10
236	6635,3c 06636,4B 6652,0c 07050,0B 6638,0c 07255,0B 6711,1c 07543,3B 6729,0c 07840,0B	1800-12100 1800-12100 1800-12100 1800-12100	10
237	7023,7c 06820,6B 6849,7c 07249,9B 6828,0c 07335,8B 6759,2c 07506,0B 6604,2c 07631,3B 6557,0c 07822,0B 6542,0c 08227,0B 6413,8c 08420,2B 6310,0c 08800,0B	1800-12100 1800-12100 1800-12100 1800-12100 1800-12100 1800-12100 1800-12100 1800-12100 2700-12100	20 10 20
238	6455,0c 07747,0B 6542,0c 08227,0B 6556,9c 08312,2B 6726,1c 08638,3B	1800-12100 1800-12100 2800-12100	10 20

1	2	3	4
239	6652,0c 07050,0B 6728,6c 07128,0B	1800-12100	10
240	6417,6c 10026,2B 6223,5c 09910,3B 5822,6c 09722,2B 5800,0c 09616,0B 5654,0c 09310,0B	2700-16100 2700-16100 2700-11600 2700-11600	20 10
241	6726,1c 08638,3B 6814,4c 10111,6B	3300-12100	20
242	5757,9c 09620,9B 5822,6c 09722,2B 5828,9c 09905,9B 5813,5c 10118,6B	2700-12100 2700-12100 2700-12100	10
243	5201,6c 11318,3B 5333,0c 11537,0B 5426,0c 11631,0B 5655,0c 11817,0B 5702,4c 11811,3B	2700-3900, 5100-6000 2700-3900, 5100-6000 3900-3900, 5100-6000 4500-4500, 5100-6000	10 20
244	5201,6c 11318,3B 5138,2c 11618,0B	2700-3900	10
245	4938,8c 11720,0B 5023,0c 11627,0B 5158,0c 11635,0B 5426,0c 11631,0B	3300-5700 3300-6000 3300-6000	10
246	5106,0c 11432,0B 5023,0c 11627,0B	3600-4500	10
247	5210,0c 10947,0B 5231,0c 11132,0B 5422,0c 11330,0B 5512,0c 11357,8B 5622,0c 11444,0B 5752,0c 11413,0B	2700-12100 3000-6000 3900-6000 3900-6000 3000-6000	10
248	5208,0c 10727,0B 5241,2c 10806,8B 5324,0c 10900,0B 5545,0c 10934,0B 5645,6c 11138,3B 5904,0c 11659,2B 6023,3c 12028,3B	2700-6000 2700-6000 3000-6000 3600-6000, 7200-12100 3600-6000, 7200-12100 7200-12100	10

1	2	3	4
249	5622,3c 10141,2B 5828,9c 09905,9B	2100-8100	10
250	5622,3c 10141,2B 5809,0c 10238,5B 6002,0c 10805,0B	2100-12100 1500-3300	10
251	6417,6c 10026,2B 6219,7c 10119,2B 6022,0c 10218,0B 5809,0c 10238,5B 5652,1c 10346,5B 5630,0c 10412,0B 5448,0c 10509,0B 5248,0c 10448,8B	2700-12100 2700-12100 2700-6000 1800-6000 1800-6000 2100-6900 2400-3300, 4800-12100	20
252	5809,0c 10238,5B 5650,1c 10548,3B 5617,0c 10734,0B 5545,0c 10934,0B	1800-12100 1800-4500 4500-6000	10
253	5216,2c 10423,3B 5257,0c 10513,0B 5357,0c 10554,0B 5545,2c 10701,1B 5617,0c 10734,0B 5746,2c 10803,6B 6002,0c 10805,0B 6116,0c 10802,0B	6300-11100 2700-3300 2400-3300, 4500-7500 2400-3300, 4500-7500 1800-3300, 4500-5700 2100-6600 2100-6600	10
254	5650,1c 10548,3B 5738,6c 11112,5B 5752,0c 11413,0B	4800-7500 4800-7500	10
255	5448,0c 10509,0B 5545,0c 10934,0B 5553,2c 11122,9B 5611,0c 11336,0B 5622,0c 11444,0B 5655,0c 11817,0B	2700-3300, 5100-6000 3300-6000 3300-6000 3300-6000 3300-6000	10
256	5357,0c 10554,0B 5245,0c 10428,0B	2400-3300, 4800-11600	10
257	5746,2c 10803,6B 5752,0c 11413,0B	2700-3300, 4800-7500	10
258	6359,0c 08203,0B 6413,8c 08420,2B	1800-12100	20

1	2	3	4
259	6726,1c 08638,3B 6923,0c 08820,0B 7140,8c 08425,3B	2100-12100 1500-3000	20
260	5828,0c 07310,7B 5910,9c 07553,3B	1500-12100	10
261	5521,4c 07818,2B 5620,1c 07821,6B 5715,0c 07904,0B 5736,0c 07929,0B 5743,7c 07942,8B 5819,6c 08256,0B	1500-7800 1500-12100 1500-12100 1500-12100 1500-12100	10
262	6019,0c 04430,0B 6114,5c 04642,8B	5700-12100	10
263	5344,7c 09123,1B 5346,7c 09142,6B 5453,0c 09904,0B	2700-12100 4200-12100	10
264	5423,0c 06001,0B 5508,0c 06143,0B	5100-12100	10
265	6535,0c 17100,8з 6422,6c 17314,6з 6531,0c 17917,0з 6619,0c 17909,0з	2100-4500, 5700-10100 2100-4500, 5700-10100 2100-2400, 5100-6000	20 10
266	6155,0c 15913,0B 6215,1c 15732,0B	2700-3600, 5100-6000	10
267	5733,6c 04009,4B 5705,0c 04007,0B 5639,6c 04109,2B 5552,0c 04146,0B	x-5100 1500-5100 1500-5100	10
268	6146,0c 08333,0B 6214,8c 08742,7B 6247,0c 09400,0B 6255,1c 10700,0B 6215,0c 11703,8B 6211,0c 11740,0B 6205,5c 12947,0B	4800-12100 4800-12100 4800-12100 4800-12100 1800-12100 4500-12100	20 10 20
269	6205,5c 12947,0B 6432,9c 14306,2B 6543,8c 15046,2B 6728,0c 15343,0B	5400-12100 4500-12100 2100-12100	20 10

1	2	3	4
270	7037,5c 14753,8B 6543,8c 15046,2B	1800-12100	20
271	4552,6c 13344,1B 4553,0c 13453,0B 4416,3c 13501,7B	2400-7200 2400-7200	10
272	4836,0c 14011,0B 4712,0c 13842,0B 4529,0c 13710,0B 4448,9c 13617,5B 4416,3c 13501,7B 4347,0c 13350,5B 4339,6c 13247,8B	5400-7200, 9100-10600 5400-7200, 9100-10600 2700-4500, 5400-7200, 9100-10600 2700-4500, 5400-7200, 9100-10600 3000-4800 2400-4800	10
273	4553,0c 13453,0B 4529,0c 13710,0B	3000-3300, 5400-7200	10
274	4412,0c 13307,0B 4405,0c 13352,1B 4353,0c 13315,0B	2700-7200 3000-7200	10
275	5613,4c 16241,1B 5306,4c 16001,9B 5300,1c 15847,5B 5310,2c 15827,1B	2700-7800 2100-7800 2100-7800	10
276	5527,4c 08910,7B 5344,7c 09123,1B	2400-5400	10
277	6729,0c 07840,0B 6542,0c 08227,0B 6359,0c 08203,0B 6326,8c 07715,5B 6311,0c 07516,2B	1800-12100 1800-12100 1800-12100 1800-12100	10
278	5618,6c 16048,1B 5620,7c 16017,5B 5440,8c 15832,8B	2700-7800 2700-7800	10
279	5005,0c 11807,0B 4938,8c 11720,0B	2400-5700	10
280	5308,0c 13249,0B 4905,0c 13428,0B	5700-12100	10
281	5515,0c 12952,0B 5107,0c 13259,0B 4905,0c 13428,0B	7200-12100 2400-3600, 5400-12100	20

1	2	3	4
282	5840,6c 13730,1B 5910,0c 13155,2B	2700-6000	20
283	5642,3c 04753,7B 5830,2c 04920,9B	1500-12100	10
284	4649,3c 13518,2B 4927,0c 13634,0B	5700-7200, 9100-9600	10
285	5324,0c 10900,0B 5148,5c 10726,5B	2700-6000	10
286	5407,5c 04512,9B 5440,0c 04432,0B	1500-12100	10
287	5440,8c 15832,8B 5706,0c 15644,1B 5904,9c 15953,3B	4800-7800 2700-7800	10
288	6021,9c 16600,6B 6225,0c 16606,0B 6225,0c 16606,0B	2700-7800	10
289	4502,1c 03910,2B 4550,0c 04005,0B	6300-12100	10
290	5536,0c 04347,0B 5440,0c 04432,0B 5306,8c 04501,1B 5004,0c 04525,0B	3600-12100 2100-12100 2100-3600, 4200-12100	10
291	4356,4c 03844,2B 4500,1c 03720,9B 4715,5c 03949,1B	1500-6000 1500-12100	10
292	5954,6c 15043,1B 6339,9c 16722,6B 6339,9c 16722,6B 6419,5c 17255,3B 6444,1c 17744,3B	7500-12100 7500-12100 7500-12100 7500-12100	20
293	5306,4c 16001,9B 5447,1c 16210,2B	2700-7800	10
294	5047,0c 04036,0B 5215,7c 04157,0B	4200-12100	10
295	5913,1c 06239,8B 6007,0c 06450,0B 6007,0c 06450,0B 5943,0c 06556,0B	1800-12100 3300-12100 3300-12100	10

1	2	3	4
	5943,0c 06556,0B		
296	5940,6c 14908,7B 6255,2c 15225,2B	3000-6000, 7500-12100	20
297	4822,0c 04306,0B 4719,0c 04022,0B	5700-10100	10
298	5341,0c 04141,0B 5443,2c 03917,8B 5509,0c 03817,0B	6000-12100 4200-12100	10
299	5644,6c 06047,9B 5614,0c 06239,8B 5528,5c 06525,0B	1800-14100 1800-14100	10
300	6831,0c 11228,0B 6232,4c 11401,2B 5928,0c 11232,0B	x-4500, 5700-12100 1800-12100	20 10
301	5324,2c 05845,4B 5427,0c 06219,0B	1800-14100	10
302	5949,9c 04139,4B 6046,0c 04619,0B	1500-6300	10
303	4812,0c 04239,0B 4622,4c 04419,9B	5100-12100	10
304	5916,6c 03801,3B 5952,1c 03551,8B	1800-6600	10
305	6543,8c 15046,2B 6833,0c 14613,0B	2100-8100	20
306	5055,0c 13812,0B 5331,0c 14252,9B	5100-6600	10
307	6624,0c 11202,0B 6433,6c 11303,9B	1800-12100	20
308	6205,5c 12947,0B 6923,5c 13953,2B	5100-11100	20
309	5822,6c 09722,2B 6022,0c 10218,0B	2700-16100	20
310	6205,5c 12947,0B 6022,0c 13426,0B 5924,1c 14303,1B	2100-3600, 5700-12100 2100-3600, 5700-12100	20

1	2	3	4
311	5940,6c 14908,7B 5752,9c 15139,4B 5736,3c 15202,8B 5716,7c 15226,7B 5456,0c 15514,0B 5417,8c 15557,2B	2100-7800 2100-7800 2100-7800 2100-7800 2700-7800	20
312	5210,0c 09355,0B 5453,0c 09904,0B	8600-12100	10
313	4447,0c 03848,0B 4434,2c 03800,7B 4432,0c 03745,0B 4443,0c 03724,0B 4500,1c 03720,9B	2100-6000 1500-6000 1500-6000 1500-6000	10
314	5147,0c 14308,5B 5147,1c 14235,9B 5210,0c 14139,6B 5222,7c 14026,8B	1800-3900 3000-3900, 5100-6000 3000-3900, 5100-6000	10
315	5309,0c 14038,2B 5210,0c 14139,6B	3000-3900, 5100-6000	10
316	6650,6c 08830,7B 6709,6c 08906,5B	2700-6900	10
317	7010,0c 07230,8B 6854,0c 06927,0B 6742,0c 07254,0B	1800-12100 1800-12100	20
318	6915,0c 06456,0B 6957,8c 06611,2B 7023,7c 06820,6B	1800-12100 1800-12100	10 20
319	4553,0c 13453,0B 4836,0c 14011,0B	5700-7200, 9100-9600	10

IV. Местные воздушные линии, не открытые для международных полетов

№ пп	Географические координаты		Диапазон разрешенных высот, м	Ширина МВЛ, км
	широта	долгота		
1	2		3	4
Санкт-Петербургская зона Единой системы организации воздушного движения				
1	6846,9с	03244,8в	600 - 100	4
	6842,4с	03258,8в		
	6840,8с	03307,4в		
	6821,3с	03318,1в		
	6816,3с	03310,5в		
	6755,7с	03311,4в		
	6741,3с	03303,5в		
	6734,3с	03238,0в		
	6727,3с	03247,2в		
	6717,9с	03228,6в		
	6706,1с	03211,0в		
	6652,0с	03223,0в		
	6623,7с	03247,4в	300 - 100	
	6604,3с	03303,6в		
	6553,7с	03342,4в		
	6456,8с	03429,8в		
	6430,9с	03444,7в		
	6346,0с	03422,0в		
	6255,1с	03428,2в		
	6151,0с	03423,0в		
	6137,3с	03417,5в		
	6058,6с	03353,8в		
	6056,6с	03351,3в		
	5949,0с	03221,0в		
	5937,7с	03207,8в		
	5927,0с	03203,0в		
	5914,2с	03126,9в		
	5903,3с	03119,6в		
	5839,1с	03104,1в		
	5835,2с	03104,6в		
	5829,0с	03112,0в		
2	5806,2с	03411,8в	300 - 100	4
	5826,0с	03353,0в		
	5848,9с	03323,2в		
	5907,1с	03245,3в		
	5927,0с	03203,0в		
	5936,3с	03111,0в		
	5948,7с	03051,5в		2
	5959,0с	03035,0в		
	5959,0с	03031,0в		
	6002,7с	03026,5в		
	6008,9с	03032,0в		4

1	2		3	4
	6021,8c	03016,6B		
	6040,0c	02943,7B		
	6055,0c	02909,3B		
	6051,5c	02820,3B		
3	5844,1c	03930,1B	600 - 100	4
	5848,0c	03929,0B		
	5855,5c	03929,9B		
4	5916,9c	03956,8B	600 - 100	4
	5921,7c	04004,5B		
	5925,9c	03940,7B		
	5946,4c	03902,6B		
	6001,2c	03745,7B		
	6000,9c	03718,5B		
	5958,1c	03550,B	300 - 100	
	5957,3c	03512,1B		
	5939,0c	03333,0B		
5	5747,0c	02824,0B	300 - 100	4
	5737,5c	02832,5B		
	5736,4c	02842,5B		
	5734,8c	02856,5B		
	5649,7c	03009,3B		
	5622,9c	03036,6B		
	5617,1c	03102,2B		
6	5842,8c	03844,5B	600 - 100	4
	5847,0c	03836,8B		
	5859,4c	03820,2B		
	5906,2c	03817,0B		
	5916,4c	03802,4B		
	5924,0c	03751,9B		
	6000,9c	03718,5B		
	6019,2c	03658,0B		
	6036,7c	036 1,8B		
	6051,0c	03533,9B		
7	5959,0c	03035,0B	300 - 100	4
	5952,4c	03100,1B		
	5948,1c	03123,3B		
	5949,0c	03221,0B		
	5939,0c	03333,0B		
8	5726,3c	03245,6B	300 - 100	4
	5738,5c	03227,7B		
	5755,9	03149,5B		
	5807,1c	03143,8B		
	5822,7c	03138,2B		
	5829,0c	03112,0B		
	5949,0c	03221,0B		
	6042,9c	03333,7B		
	6056,6c	03351,3B		
	6151,0c	03423,0B		
	6212,9c	03435,2B		
	6230,0c	03432,4B		

1	2	3	4	
	6255,1c 03428,2B	600 - 100		
	6623,7c 03247,4B			
	6652,0c 03223,0B			
	6706,1c 03211,0B			
	6709,6c 03224,8B			
	6717,9c 03228,6B			
	6726,1c 03300,4B			
	6731,5c 03306,5B			
	6741,3c 03303,5B			
	6756,2c 03320,0B			
	6821,3c 03318,1B			
	6840,8c 03307,4B			
	6845,1c 03309,0B			
	6846,9c 03244,8B			
9	5747,0c 02824,0B	300 - 100	4	
5756,2c 02836,3B				
5801,6c 02852,7B				
5827,0c 03011,7B				
5828,7c 03017,1B				
5829,0c 03112,0B				
5831,3c 03141,8B				
5828,2c 03228,5B				
5826,0c 03353,0B				
5836,0c 03548,0B	600 - 100			
5840,5c 03602,2B				
5901,2c 03707,9B				
5913,5c 03742,6B				
5836,0c 03548,0B				
5916,4c 03802,4B				
5903,3c 03806,3B				
5859,4c 03820,2B				
5855,5c 03929,9B				
5912,8c 03941,9B				
5914,5c 03949,9B				
5916,9c 03956,8B				
5917,0c 04013,0B				
5935,0c 04156,0B				
6004,5c 04329,4B	300 - 100			
6026,0c 04413,0B				
6028,8c 04446,6B				
6040,2c 04604,0B				
6046,0c 04619,0B				
6049,9c 04625,5B				
6057,8c 04629,4B	400 - 100			
6109,0c 04635,0B				
6114,2c 04642,0B				
10	6142,7c 03042,4B	300 - 100		4
6141,6c 03242,4B				
6141,8c 03337,9B				
6140,1c 03410,7B				
6151,0c 03423,0B				
11	5959,0c 03035,0B	300 - 100		4

1	2	3	4
5948,0c	03035,3B		4
5941,1c	03020,4B		
5938,0c	02955,2B		
5927,0c	02938,0B		
5900,0c	02907,0B		
5809,5c	02811,5B		4
5806,4c	02811,9B		
5756,5c	02813,0B		
5747,0c	02824,0B		
5734,8c	02856,5B	300 - 100	4
5737,3c	02854,0B		
5745,4c	02846,1B		
5747,0c	02824,0B		
5622,9	03036,6B	300 - 100	4
5601,3c	02955,9B	300 - 100	4
5622,9	03036,6B		
5634,8c	03047,5B		
5709,0c	03110,1B		
5755,9	03149,5B	300 - 100	4
5936,3c	03111,0B		
5914,2c	03126,9B	300 - H 6es	4
5948,0c	03035,3B		
5948,7c	03051,5B	400 - 100	4
6541,2c	04021,6B		
6457,4c	04024,7B		
6447,2c	04027,5B	300 - 100	
6051,0c	03533,9B		
6133,5c	03427,1B		
6151,0c	03423,0B	400 - 100	4
6153,0c	03409,0B		
6426,5c	04025,4B		
6432,3c	04019,7B		4
6438,0c	04011,3B		
6451,1c	04016,0B		
6502,8c	04009,4B		
6541,0c	04008,0B	300 - 100	4
6149,0c	03631,0B		
6152,9c	03609,8B		
6209,8c	03547,8B	300 - 100	4
6209,8c	03547,8B		
6210,5c	03442,1B	400 - 100	4
6738,4c	05307,3B		
6719,7c	05205,4B		
6702,6c	05109,6B		
6654,5c	04933,8B		
6645,0c	04746,0B		
6638,9c	04629,8B		
6632,4c	04606,0B		
6608,1c	04441,0B		
6552,6c	04412,8B		
6539,3c	04334,4B		
6519,0c	04236,2B		

1	2	3	4
22	6506,7c 04202,0B 6447,2c 04027,5B 6432,2c 04028,0B 6426,5c 04025,4B 6420,0c 03955,0B 6354,6c 03803,4B 6254,8c 03704,9B 6248,5c 03648,6B 6226,4c 03552,5B 6221,2c 03531,2B 6214,7c 03507,5B 6210,5c 03442,1B 6152,8c 03433,9B 6151,0c 03423,0B	300 - 100	4
	6212,9c 03435,2B 6223,5c 03504,1B 6234,8c 03535,7B 6310,1c 03640,9B 6342,0c 03743,2B 6354,6c 03803,4B 6416,0c 03845,0B 6426,4c 03945,5B 6426,5c 04025,4B 6430,0c 04044,0B 6432,5c 04105,7B 6450,5c 04155,0B 6512,0c 04248,2B 6532,3c 04340,9B 6552,6c 04412,8B 6625,1c 04621,4B 6628,6c 04636,0B 6645,0c 04746,0 6703,0c 04920,7B 6712,5c 05014,1B 6727,7c 05149,2B 6738,4c 05307,3B		
	6346,0c 03422,0B 6436,7c 03213,4B 6512,3c 03112,5B 6604,3c 03303,6B		
	6438,0c 03042,0B 6436,7c 03213,4B 6456,8c 03429,8B 6459,1c 03446,5B 6500,5c 03515,7B		
	6457,3c 03649,4B 6446,7c 03739,9B 6443,1c 03756,6B 6427,1c 03910,3B 6426,4c 03945,5B 6426,5c 04025,4B		
	6438,0c 03042,0B 6512,3c 03112,5B		
25	6438,0c 03042,0B 6512,3c 03112,5B	300 - 100	4

1	2	3	4
	6456,8c 03429,8B		
26	6734,3c 03238,0B 6731,5c 03306,5B 6727,8c 03335,3B	600 - 100	4
27	6640,0c 03423,0B 6722,4c 03326,3B 6727,8c 03335,3B 6741,3c 03303,5B	600 - 100	4
28	6731,5c 03306,5B 6640,0c 03423,0B	600 - 100	4
29	6840,8c 03307,4B 6829,3c 03401,5B 6803,0c 03504,0B	600 - 100	4
30	6803,0c 03504,0B 6806,4c 03508,0B 6831,7c 03403,2B 6845,1c 03309,0B	600 - 100	4
31	6708,0c 03940,0B 6704,3c 03752,1B 6722,0c 03706,0B 6751,2c 03553,4B 6803,0c 03504,0B 6806,4c 03508,0B	600 - 100	4
32	6708,0c 03940,0B 6630,1c 04035,0B 6610,7c 03933,5B 6606,9c 03850,4B 6603,5c 03817,1B 6606,7c 03745,2B 6614,6c 03709,6B 6617,0c 03652,0B 6620,8c 03600,0B 6628,0c 03520,7B 6636,0c 03449,5B 6640,0c 03423,0B 6729,3c 03454,4B 6741,9c 03505,3B 6751,2c 03513,4B	600 - 100	4
33	6019,2c 03658,0B 6057,6c 03633,0B 6100,0c 03625,0B	300 - 100	4
34	6426,5c 04025,4B 6429,7c 04014,1B 6431,1c 03931,9B 6447,3c 03825,5B 6452,7c 03757,0B 6459,0c 03741,0B 6457,3c 03649,4B 6501,8c 03544,0B 6500,5c 03515,7B	400 - 100	4
35	6610,7c 03933,5B 6541,0c 04008,0B 6541,2c 04021,6B	400 - 100	4

1	2	3	4
Московская зона Единой системы организации воздушного движения			
36	5312,3с 03440,0в 5255,2с 03455,2в 5251,5с 03458,3в	550-250	2
37	5254,9с 03358,1в 5312,3с 03440,0в 5330,6с 03442,4в 5344,8с 03443,9в 5351,8с 03447,0в 5420,2с 03459,7в 5429,3с 03458,7в 5442,4с 03507,0в 5459,1с 03518,4в 5507,5с 03514,4в 5517,0с 03509,8в 5533,0с 03502,0в 5550,0с 03452,0в 5600,3с 03459,3в 5623,6с 03515,6в 5636,0с 03519,5в 5651,0с 03524,2в 5659,7с 03539,5в 5705,5с 03538,9в 5710,9с 03538,3в 5728,0с 03534,7в 5743,0с 03458,0в 5806,2с 03411,8в	600-50	2
38	5739,1с 03527,6в 5725,2с 03709,0в 5714,0с 03724,6в 5706,0с 03743,0в 5609,0с 03720,0в 5644,0с 03732,0в 5622,0с 03726,0в 5701,9с 03740,9в 5605,0с 03704,0в 5552,0с 03655,0в 5550,0с 03716,0в 5550,0с 03723,8в 5553,0с 03728,0в 5554,6с 03734,6в 5554,0с 03741,0в 5549,0с 03750,4в 5546,0с 03750,7в 5539,1с 03750,3в 5536,1с 03745,3в 5534,0с 03737,0в 5530,0с 03719,0в 5515,3с 03721,6в 5513,0с 03722,0в 5502,0с 03723,0в 5452,0с 03658,4в	600-50	2

1	2	3	4
	5444,0c 03639,0B 5430,9c 03645,8B 5350,0c 03656,0B 5334,0c 03703,0B 5258,0c 03703,0B 5236,2c 03651,4B 5213,1c 03701,9B 5202,3c 03704,4B 5137,0c 03709,0B 5129,5c 03711,3B 5122,2c 03722,9B 5116,3c 03732,5B 5055,7c 03745,9B 5045,5c 03752,4B 5033,7c 03758,0B 5014,0c 03807,0B 5005,2c 03802,7B		
39	5731,6c 03819,0B 5722,5c 03806,0B 5706,0c 03743,0B 5701,9c 03740,9B 5644,0c 03732,0B 5618,0c 03743,0B 5605,0c 03742,0B 5554,0c 03741,0B 5549,0c 03750,4B 5546,0c 03750,7B 5539,0c 03751,0B 5535,0c 03747,0B 5526,0c 03759,0B 5522,0c 03807,0B 5513,8c 03812,4B 5509,0c 03817,0B 5451,3c 03829,8B 5436,6c 03838,8B 5414,0c 03854,0B 5345,0c 03830,0B 5325,2c 03839,7B 5319,7c 03840,9B 5252,2c 03847,2B 5246,9c 03907,7B 5223,0c 03856,0B 5202,7c 03948,5B 5155,6c 03953,0B 5143,0c 04011,0B 5118,8c 03939,5B 5046,0c 03936,0B 5011,0c 03936,5B 4953,0c 03938,4B 4948,0c 03954,0B 4936,5c 04012,0B 4927,1c 04017,2B		
40	5844,1c 03930,1B	600-250	2

1	2	3	4
	5817,9c 03937,8B 5755,2c 03921,2B		
41	5112,0c 03517,0B 5112,7c 03605,9B 5124,7c 03645,0B 5137,0c 03709,0B 5154,3c 03745,0B 5209,0c 03816,0B 5220,7c 03849,2B 5223,0c 03856,0B	550-50	2
42	5617,2c 03059,0B 5616,3c 03121,9B 5612,9c 03247,0B 5639,2c 03421,3B 5651,0c 03524,2B 5654,9c 03556,1B 5659,2c 03623,1B 5714,0c 03724,6B 5706,0c 03743,0B 5702,0c 03800,0B 5709,2c 03836,7B 5715,5c 03910,0B 5718,2c 03951,4B 5718,0c 04022,0B 5723,9c 04043,5B 5730,7c 04107,5B 5728,4c 04132,8B 5724,8c 04211,1B 5700,4c 04233,0B 5659,0c 04310,1B 5653,2c 04321,8B 5632,7c 04403,1B 5622,0c 04422,6B 5600,0c 04502,0B 5600,5c 04509,4B 5603,8c 04551,3B 5600,7c 04630,6B	600-50	2
43	5525,9c 03054,8B 5536,7c 03111,8B 5539,7c 03132,7B 5551,0c 03256,0B 5550,9c 03322,8B 5550,0c 03452,0B 5551,2c 03552,0B 5553,0c 03625,0B 5552,0c 03655,0B 5550,0c 03716,0B 5550,0c 03723,8B 5553,0c 03728,0B 5554,6c 03734,6B 5554,0c 03741,0B 5549,0c 03750,4B 5546,0c 03750,7B	600-50	2

1	2	3	4
	5542,0c 03813,0B		
	5542,0c 03829,0B		
	5545,5c 03839,9B		
	5555,0c 03910,0B		
	5602,0c 03938,0B		
	5619,8c 03953,0B		
	5625,1c 04026,8B		
	5602,8c 04033,0B		
	5552,0c 04146,0B		
	5550,4c 04230,5B		
44	5550,1c 04238,1B	600-50	2
	5548,0c 04310,0B		
	5555,6c 04408,5B		
	5600,0c 04502,0B		
	5542,0c 03813,0B		
	5537,0c 03838,0B		
	5537,0c 03851,0B		
	5534,0c 03917,0B		
	5533,0c 03941,0B		
	5533,0c 04000,0B		
45	5536,9c 04039,7B	600-50	2
	5552,0c 04146,0B		
	5459,5c 03057,2B		
	5451,8c 03123,3B		
	5446,2c 03141,2B		
	5444,5c 03204,2B		
	5437,0c 03221,0B		
	5435,0c 03310,0B		
	5440,0c 03405,5B		
	5436,9c 03421,4B		
46	5429,3c 03458,7B	600-250	2
	5434,4c 03526,0B		
	5444,0c 03557,0B		
	5444,0c 03639,0B		
	5436,0c 03720,0B		
	5421,0c 03814,0B		
	5414,0c 03854,0B		
	5246,2c 03135,8B		
	5301,0c 03224,0B		
	5305,0c 03251,0B		
47	5300,0c 03313,7B	600-250	2
	5254,9c 03358,1B		
	5251,9c 03452,0B		
	5251,5c 03458,3B		
	5226,8c 03547,0B		
	5229,0c 03619,4B		
	5236,2c 03651,4B		
	5224,8c 03737,0B		
	5216,8c 03756,9B		
	5209,0c 03816,0B		
47	5842,8c 03844,5B	600-250	2
	5829,3c 03908,7B		
	5817,9c 03937,8B		

1	2	3	4
	5755,2c 03921,2B 5745,2c 03855,8B 5731,6c 03819,0B 5725,6c 03800,6B 5714,0c 03724,6B		
48	5623,6c 03515,6B 5639,2c 03421,3B 5642,1c 03326,5B 5655,0c 03312,0B 5718,9c 03246,8B 5723,0c 03250,3B 5726,3c 03245,6B	500-50	2
49	5623,6c 03515,6B 5607,4c 03527,4B 5602,0c 03531,0B 5551,2c 03552,0B 5528,0c 03623,0B 5523,0c 03633,0B 5518,0c 03641,0B 5513,0c 03700,0B 5515,3c 03721,6B 5516,1c 03729,2B 5517,0c 03738,0B 5515,0c 03746,0B 5513,8c 03812,4B 5516,6c 03838,5B 5518,0c 03852,0B 5521,0c 03904,0B 5526,0c 03925,0B 5530,0c 03945,0B 5533,0c 04000,0B	600-50	2
50	5548,0c 03803,0B 5542,0c 03813,0B 5550,0c 03757,0 5555,0c 03746,0B 5558,0c 03745,0B	300-50	2
51	5536,7c 03111,8B 5543,3c 03128,8B 5612,9c 03247,0B 5551,0c 03256,0B 5546,9c 03320,6B 5537,7c 03418,1B 5533,0c 03502,0B 5551,2c 03552,0B	600-50	2
52	4932,0c 04027,4B 4937,7c 04024,2B 4951,0c 04005,0B 4953,0c 03938,4B 5009,4c 03905,7B 5039,0c 03806,0B 5045,5c 03752,4B 5043,3c 03726,7B 5038,6c 03635,5B	550-50	2

1	2	3	4
	5037,3с 03630,4в 5106,0с 03610,6в 5112,7с 03605,9в		
53	5547,4с 03722,3в 5550,0с 03716,0в	300-50	2
54	5554,0с 03741,0в 5549,0с 03750,4в 5546,0с 03750,7в 5539,1с 03750,3в 5536,1с 03745,3в 5534,4с 03736,8в 5540,2с 03725,8в 5547,4с 03722,3в 5548,4с 03723,3в 5550,0с 03723,8в 5553,0с 03728,0в 5554,6с 03734,6в 5554,0с 03741,0в	150-50	2
55	5536,9с 04039,7в 5540,8с 04012,8в 5602,0с 03938,0в	600-250	2
56	5554,0с 03741,0в 5558,0с 03745,0в 5605,0с 03742,0в 5618,0с 03743,0в 5702,0с 03800,0в 5719,7с 03811,6в 5731,6с 03819,0в 5307,7с 03214,8в 5301,0с 03224,0в	600-50	2
57	5307,7с 03214,8в 5301,0с 03224,0в	500-250	2
58	5143,0с 04011,0в 5126,8с 04056,1в 5110,1с 04109,0в 5101,5с 04138,0в 5048,0с 04201,0в 5038,5с 04218,5в 5028,2с 04225,8в	600-50	2
Ростовская зона Единой системы организации воздушного движения			
59	4936,5с 04012,0в 4927,1с 04017,2в 4909,5с 04026,3в 4900,5с 04041,5в 4829,8с 04049,3в 4851,0с 04046,0в 4829,8с 04049,3в 4802,9с 04036,4в 4740,0с 04025,7в 4719,3с 04021,6в 4712,2с 04021,2в 4653,2с 04008,6в	300-100	2
			4

1	2	3	4
	4637,8c 04035,2B 4635,0c 04040,0B 4632,5c 04058,8B 4625,0c 04131,5B 4614,4c 04246,5B 4615,5c 04333,0B 4622,4c 04420,0B 4625,2c 04429,0B 4628,6c 04503,2B 4622,0c 04600,2B 4619,0c 04622,1B 4613,8c 04656,7B 4611,0c 04715,0B 4615,2c 04738,4B 4617,0c 04800,5B 4614,0c 04811,5B 4613,7c 04823,0B 4623,5c 04832,0B 4632,5c 04846,0B		
60	4846,9c 04420,8B 4836,0c 04443,0B 4829,0c 04502,5B 4824,0c 04518,0B 4804,6c 04522,5B 4751,2c 04525,6B 4702,2c 04455,6B 4625,2c 04429,0B 4622,4c 04420,0B 4516,2c 04446,8B 4445,0c 04459,0B 4419,5c 04500,0B 4359,1c 04508,5B 4337,0c 04515,0B 4323,3c 04542,7B 4330,6c 04521,6B 4323,3c 04542,7B	300-100	4
61	4128,1c 04742,0B 4125,4c 04755,3B 4137,2c 04821,0B 4206,0c 04817,0B 4233,3c 04752,7B 4248,9c 04739,2B 4249,3c 04707,7B 4251,0c 04657,0B 4316,2c 04634,5B 4317,3c 04627,7B 4320,9c 04606,6B 4323,3c 04542,7B 4330,0c 04505,0B 4319,4c 04500,7B 4318,5c 04454,4B 4312,3c 04436,5B 4319,5c 04414,2B	600 300-100 300 300-100	4

1	2	3	4
	4330,8c 04338,3B 4351,6c 04327,0B 4403,2c 04301,3B 4411,6c 04238,9B 4411,8c 04202,1B 4418,2c 04136,3B 4418,8c 04133,9B 4423,8c 04129,2B 4430,6c 04124,9B 4436,4c 04100,3B 4439,8c 04044,5B 4441,4c 04019,5B 4439,3c 04005,6B 4444,5c 03952,0B 4453,1c 03940,4B 4458,0c 03934,0B 4502,1c 03910,2B		
62	4900,5c 04041,5B 4909,7c 04040,0B 4932,0c 04027,4B 4937,7c 04024,2B	300-100	2
63	5102,6c 04538,9B 5041,2c 04532,5B 5029,0c 04532,5B 5018,5c 04542,0B 4951,5c 04505,5B 4939,3c 04457,0B 4910,0c 04437,0B 4846,9c 04420,8B 4830,0c 04354,0B 4816,5c 04332,6B 4802,7c 04311,0B 4750,4c 04259,0B 4750,2c 04243,2B 4749,8c 04214,8B 4741,0c 04204,5B 4731,0c 04139,0B 4719,7c 04116,3B 4719,5c 04101,8B 4719,3c 04021,6B 4712,3c 04021,2B 4705,3c 03954,7B 4659,7c 03928,7B 4650,0c 03909,3B 4645,8c 03901,1B 4632,5c 03901,0B 4618,0c 03909,3B 4603,0c 03910,0B 4554,5c 03855,7B 4551,5c 03848,5B 4536,6c 03854,2B 4512,5c 03914,7B 4502,1c 03910,2B	300-100	4

1	2	3	4
64	4418,2c 03841,1B 4419,0c 03842,0B 4447,0c 03848,0B 4455,3c 03859,0B 4502,1c 03910,2B 4515,0c 03922,9B 4527,7c 03955,6B 4540,8c 04016,5B 4604,5c 04052,3B 4616,0c 04055,0B 4632,5c 04058,8B 4659,0c 04107,0B 4708,5c 04111,2B 4719,7c 04116,3B	300-100	4
65	4626,0c 04900,0B 4611,0c 04837,0B 4611,5c 04812,4B 4617,0c 04800,3B 4610,8c 04758,5B 4546,5c 04739,5B 4538,8c 04733,6B	300-100	4
66	4622,4c 04420,0B 4606,9c 04353,5B 4549,9c 04340,2B 4515,0c 04251,2B 4513,4c 04240,0B 4512,5c 04225,0B 4509,4c 04204,2B 4512,5c 04149,3B 4519,1c 04102,4B 4514,7c 04050,2B 4516,6c 04004,5B 4517,0c 03955,0B 4515,0c 03922,9B 4512,5c 03914,7B	300-100	4
67	4248,9c 04739,2B 4306,4c 04726,7B 4318,0c 04713,8B 4334,5c 04659,4B 4352,1c 04644,0B 4423,4c 04636,2B 4442,8c 04650,2B 4523,2c 04720,0B 4538,8c 04733,6B 4547,5c 04732,0B 4556,0c 04704,0B 4611,0c 04715,0B 4643,5c 04642,0B 4707,2c 04617,8B 4751,2c 04525,6B	300-100	4
68	4622,4c 04420,0B 4548,1c 04537,8B 4521,6c 04601,1B	300-100	4

1	2	3	4
	4520,0c 04602,5B 4446,4c 04620,0B 4423,4c 04636,2B		
69	4316,2c 04654,0B 4311,3c 04654,0B 4318,0c 04713,8B	300-100	4
70	4439,6c 04539,0B 4426,2c 04512,9B 4419,5c 04500,0B 4402,0c 04427,8B 4358,1c 04421,7B 4345,5c 04402,0B 4335,2c 04346,5B 4330,8c 04338,3B 4337,0c 04320,3B 4323,7c 04255,4B	300-100	4
71	4500,1c 03720,9B 4452,9c 03717,9B 4445,5c 03722,3B 4440,4c 03730,2B 4438,6c 03733,0B 4438,0c 03752,0B 4432,5c 03800,0B 4424,0c 03813,0B 4418,2c 03841,1B 4407,4c 03901,1B 4354,8c 03918,2B 4333,1c 03940,3B 4329,4c 03950,8B 4326,7c 03956,9B 4335,4c 04000,8B 4337,6c 04003,4B 4345,2c 04008,4B 4400,1c 04008,0B 4400,7c 04007,9B 4405,9c 04007,3B 4413,0c 04012,1B 4418,0c 04011,0B 4423,0c 04013,0B 4432,0c 04010,0B 4439,3c 04005,6B	600-300	4
72	4248,9c 04739,2B 4255,3c 04727,7B 4249,3c 04707,7B 4251,0c 04657,0B 4248,5c 04643,4B 4247,2c 04643,0B 4240,3c 04628,3B 4240,0c 04612,3B 4231,5c 04609,7B	300 600	4
73	4248,9c 04739,2B 4234,2c 04733,7B 4225,5c 04719,8B	300-100	2

1	2	3	4
	4226,6c 04715,1B 4224,0c 04704,6B 4227,3c 04702,1B 4228,2c 04652,0B 4229,5c 04644,0B 4226,7c 04633,0B 4211,1c 04620,5B 4207,0c 04614,0B 4208,0c 04608,0B	600	
74	4214,0c 04650,2B 4233,1c 04658,0B 4227,3c 04702,1B 4224,0c 04704,6B 4220,3c 04709,8B 4222,3c 04722,4B 4230,0c 04736,5B 4239,3c 04741,0B 4248,9c 04739,2B	600 300	2
75	4233,1c 04658,0B 4227,3c 04702,1B 4230,5c 04704,5B 4248,5c 04643,4B	600	2
76	4242,8c 04647,5B 4248,5c 04643,4B	600	2
77	4240,3c 04628,2B 4239,5c 04631,8B 4234,1c 04644,0B 4227,3c 04702,1B	600	2
78	4229,5c 04644,0B 4234,1c 04644,0B	600	2
79	4211,1c 04620,5B 4207,0c 04621,4B	600	2
80	4225,5c 04719,8B 4222,3c 04722,4B 4234,2c 04733,7B	300	2
81	4240,0c 04612,3B 4237,7c 04617,9B	300	2
82	4205,3c 04712,7B 4207,4c 04711,0B 4211,0c 04708,6B 4220,3c 04709,8B 4226,6c 04715,1B	600	2
83	4211,0c 04708,6B 4208,0c 04706,7B 4207,4c 04711,0B	600	2
84	4230,0c 04736,5B 4234,2c 04733,7B	300-100	2
85	4312,3c 04436,5B 4330,0c 04505,0B 4337,0c 04515,0B 4343,6c 04503,1B 4359,0c 04435,0B 4402,0c 04427,8B	300-100	4

1	2	3	4
86	4424,0c 04631,6B 4439,6c 04539,0B 4445,0c 04459,0B 4449,0c 04439,5B 4456,5c 04432,0B 4504,5c 04342,0B 4505,1c 04325,0B 4515,0c 04251,0B 4523,5c 04235,4B 4548,6c 04143,9B 4602,0c 04125,2B 4605,0c 04121,0B 4632,5c 04058,8B	300-100	4
87	4515,0c 04251,2B 4509,3c 04300,0B 4501,0c 04321,2B 4443,0c 04342,5B 4422,8c 04405,9B 4413,0c 04421,5B 4402,0c 04427,8B	300-100	4
88	4512,5c 04149,3B 4504,0c 04136,0B 4452,0c 04134,5B 4426,4c 04152,2B 4411,8c 04202,1B	300-100	4
89	4713,8c 04004,8B 4712,2c 04021,2B 4707,0c 04043,0B 4702,7c 04055,9B 4659,0c 04107,0B	300-100	
90	4719,3 c 04021,6B 4717,3c 04004,6B	300-100	4
91	4635,0c 04040,0B 4659,0c 04107,0B	300-100	4
92	4653,2c 04008,6B 4643,1c 04003,6B 4608,2c 03946,7B 4527,5c 03928,3B 4815,0c 03922,9B	300-100	4
93	4829,8c 04049,3B 4824,0c 04127,0B 4823,4c 04130,8B 4821,0c 04148,0B 4816,7c 04207,1B 4815,0c 04214,8B 4818,5c 04230,0B 4822,0c 04305,0B 4825,5c 04322,0B 4830,0c 04354,0B	300-100	4
94	5038,5c 04218,5B 5028,2c 04225,8B 5019,5c 04231,8B 4943,0c 04252,0B	300-100	4

[illegible]

1	2	3	4
	5129,4c 05700,0B 5132,0c 05641,5B 5139,0c 05555,5B 5147,7c 05527,5B 5152,3c 05503,4B 5152,5c 05412,0B 5148,5c 05324,5B 5200,0c 05211,0B 5222,5c 05137,0B 5225,1c 05127,0B 5244,8c 05008,8 B 5244,1c 05002,8B 5245,3c 04848,7B 5244,4c 04825,0B 5246,2c 04817,8B 5251,2c 04752,0B 5254,0c 04727,0B 5253,1c 04652,0B 5253,0c 04647,4B 5254,4c 04622,5B 5259,0c 04536,4B 5300,0c 04526,2B 5258,9c 04519,1B 5259,0c 04454,5B 5300,0c 04430,0B 5301,1c 04422,5B 5304,1c 04402,0B 5331,0c 04237,0B 5332,2c 04230,6B		
103	5600,7c 04630,6B 5601,0c 04638,2 5601,4c 04703,0B 5605,4c 04720,9B 5554,2c 04749,0B 5546,3c 04813,0B 5545,5c 04817,4B 5538,3c 04857,5B 5536,3c 04916,3B	500-100	2
104	5041,2c 04532,5B 5102,6c 04538,9B 5114,0c 04546,5B 5124,5c 04601,5B 5130,0c 4603,5B 5132,5c 04606,0B 5133,9c 04602,8B 5136,0c 04612,0B 5138,0c 04619,0B 5143,0c 04645,0B 5148,5c 04716,5B 5151,7c 04745,0B 5203,7c 04813,5B 5226,4c 04908,1B 5234,2c 04927,5B	500-100 <	

1	2	3	4
	5244,1c 05002,8B 5244,8c 05008,8B 5249,5c 05023,0B 5314,3c 05022,8B		
105	5259,0c 04454,5B 5255,1c 04434,0B 5252,7c 04426,6B 5224,7c 04303,8B 5220,5c 04252,0B	500-100	2
106	5314,3c 05022,8B 5331,0c 05048,0B 5343,7c 05104,5B 5354,0c 05111,0B 5415,0c 05201,7B 5433,0c 05237,2B 5438,4c 05248,1B 5440,8c 05314,5B 5439,8c 05320,0B 5438,0c 05331,0B 5436,5c 05342,6B 5438,0c 05427,0B 5440,0c 05444,0B 5441,0c 05500,5B 5440,8c 05524,6B 5441,6c 05549,1B 5433,4c 05552,5B 5440,5c 05617,0B 5450,0c 05625,0B 5453,1c 05638,6B 5504,0c 05704,0B 5507,5c 05812,5B	500-100	2
107	5629,8c 05336,0B 5628,0c 05337,0B 5610,1c 05400,9B 5607,1c 05405,0B 5606,0c 05421,0B 5528,6c 05453,6B 5519,0c 05504,0B 5506,5c 05520,6B 5441,6c 05549,1B 5433,4c 05552,5B 5427,9c 05608,5B 5422,1c 05610,2B 5401,0c 05553,2B 5331,0c 05547,0B 5314,0c 05536,0B 5248,0c 05519,0B 5157,0c 05510,5B 5147,7c 05527,5B	500-100	2
108	5540,8c 04939,5B 5537,9c 05038,5B 5540,2c 05055,3B 5544,0c 05124,0B	500-100	2

1	2	3	4
	5545,0c 05206,0B 5543,0c 05306,0B 5543,4c 05329,5B 5544,0c 05404,0B 5528,6c 05453,6B 5512,1c 05635,7B 5510,0c 05645,0B 5504,0c 05704,0B		
109	5637,4c 04737,5B 5626,2c 04730,3B 5615,5c 04725,4B 5605,4c 04720,9B 5543,5c 04716,5B 5526,4c 04717,7B 5456,8c 04703,0B 5448,7c 04704,2B 5437,5c 04706,5B 5432,7c 04708,6B 5407,0c 04737,2B 5332,8c 04741,2B 5251,2c 04752,0B 5243,5c 04737,0B 5239,1c 04729,8B 5210,1c 04643,0B 5201,0c 04625,0B 5148,8c 04623,6B 5144,0c 04613,0B 5142,0c 04612,0B 5139,0c 04611,0B 5133,9c 04602,7B	500-100	2
110	5133,9c 04602,8B 5137,0c 04555,0B 5143,0c 04554,5B 5149,0c 04552,0B 5203,0c 04534,5B 5209,0c 04511,0B 5221,0c 04501,9B 5226,9c 04457,5B 5246,6c 04456,9 5254,2c 04456,6B 5259,0c 04454,5B	200-100 300-100 500-100	2
111	5140,4c 05059,2B 5151,4c 05051,4B 5155,4c 05048,7B 5223,6c 05028,7B 5244,8c 05008,8B	500-100	2
112	5129,4c 05032,9B 5151,0c 05020,0B 5159,4c 05015,9B 5234,0c 04959,0B 5244,8c 05008,8B	500-100	2
113	5148,5c 05324,5B 5146,0c 05243,0B	500-100	2

1	2		3	4
	5132,7с	05230,5в		
114	5104,7с 5127,3с 5132,0с	5650,7в 05637,8в 05641,5в	500-100	2
115	5104,3с 5057,8с	05835,8в 05835,9в	500-100	2
116	5052,5с 5124,3с	05729,7в 05735,5в	500-100	2
Екатеринбургская зона Единой системы организации воздушного движения				
117	6701,7с 6707,0с 6728,7с 6810,9с	07752,5в 07802,0в 07842,7в 08040,6в	1500-700	4
118	6728,7с 6659,9с	07842,7в 07812,5в	1500-700	4
119	6739,7с 6808,0с 6819,0с 6831,0с 6854,1с 6908,0с 6912,6с 6922,4с 7004,9с 7023,7с 7046,0с 7057,0с 7113,0с 7140,0с 7300,3с 7319,8с	06851,6в 06904,0в 06909,0в 06922,0в 06927,7в 06900,0в 06850,2в 06829,1в 06825,0в 06820,6в 06755,0в 06733,0в 06654,5в 06827,0в 06958,0в 07001,0в	1500-700	4
120	7113,0с 7042,0с 7023,2с 6958,5с 6928,2с 6917,0с 6909,4с 6854,5с 6854,1с 6836,5с 6820,0с 6812,0с 6738,5с	06654,5в 06722,0в 06717,0в 06737,0в 06801,4в 06808,0в 06829,0в 06910,0в 06927,7в 06940,0в 06955,0в 06952,0в 06909,5в	1500-700	4
121	6715,0с 6719,0с 6741,0с 6747,4с 6759,2с 6814,7с 6822,0с 6828,0с	07441,0в 07455,0в 07457,5в 07458,0в 07506,0в 07434,9в 07420,0в 07335,8в	1500-700	4

1	2	3	4
	6901,0c 07231,0B 6922,9c 07231,3B 7010,0c 07230,8B 7055,0c 07242,0B 7114,0c 07208,3B 7128,6c 07148,7B 7252,0c 07030,0B 7319,8c 07001,0B		
122	7128,6c 07148,7B 7225,0c 07245,0B 7252,0c 07030,0B	1500-700	4
123	6943,0c 06649,0B 7001,0c 06717,0B 7023,2c 06717,0B 7023,7c 06820,6B 7015,0c 06853,0B 7013,0c 06937,0B 7011,2c 07020,0B 7007,0c 07145,0B 7010,0c 07230,8B	1500-700	4
124	7023,2c 06717,0B 6943,0c 06649,0B 6928,8c 06703,1B 6852,0c 06647,0B	1500-700	4
125	7010,0c 07230,8B 7017,9c 07020,0B 7021,0c 06923,0B 7023,7c 06820,6B	1500-700	4
126	7113,0c 06654,5B 7117,0c 06747,0B 7114,0c 07208,3B 7010,0c 07230,8B 6959,0c 07209,0B 6922,9c 07231,3B 6855,0c 07210,0B	1500-700	4
127	7114,0c 07208,3B 7109,5c 07122,0B 7112,0c 06747,0B 7113,0c 06654,5B	1500-700	4
128	7113,0c 06654,5B 7050,0c 06832,0B 7032,8c 07020,0B 7010,0c 07230,8B 7008,0c 07343,0B 6943,0c 07502,7B 6905,5c 07652,3B 6854,0c 07739,0B 6830,0c 07758,0B 6737,0c 07839,0B 6728,7c 07842,7B 6722,1c 07859,6B 6712,2c 07927,0B 6709,9c 07933,2B	1500-700	4

1	2		3	4
129	7052,7c 7036,7c 7022,5c 7008,0c 7010,0c 7033,0c 7112,0c 7113,0c	07829,6B 07600,0B 07407,2B 07343,0B 07230,8B 07117,0B 06747,0B 06654,5B	1500-700	4
130	7050,0c 7023,7c 7018,0c 7023,2c B	06832,0B 06820,6B 06745,0B 06717,0	1500-700	4
131	6922,4c 6928,2c 6943,0c	06829,1B 06801,4B 06649,0B	1500-700	4
132	6922,4c 7018,0c 7042,0c 7057,0c	06829,1B 06745,0B 06737,0B 06733,0B	1500-700	
133	7023,2c 7042,0c	06717,0B 06737,0B	1500-700	4
134	7023,7c 7015,0c 6950,0c 6926,5c 6855,0c 6828,0c 6842,7c 6905,5c 6956,2c 7007,0c 7052,7c	06820,6B 06853,0B 07020,0B 07110,0B 07210,0B 07335,8B 07448,5B 07652,3B 07823,3B 07844,0B 07829,6B		
135	6828,0c 6844,0c 6915,5c 6934,0c 7023,7c	07335,8B 07217,0B 07053,0B 07000,0B 06820,6B	1500-700	4
136	7113,0c 7050,0c 7021,0c 7013,0c 6950,0c	06654,5B 06832,0B 06923,0B 06937,0B 07020,0B	1500-700	4
137	6959,0c 6855,0c	07209,0B 07210,0B	1500-700	4
138	7008,0c 6905,9c 6828,0c 6817,0c 6801,0c 6754,0c 6736,0c	07343,0B 07353,1B 07335,8B 07250,0B 07143,0B 07114,0B 07001,0B	1500-700	4
139	6814,9c 6807,0c	06749,5B 06807,0B	1500-700	4

1	2		3		4
140	6741,5c 6844,0c 6844,0c 6837,5c 6828,0c	06816,0B 06958,0B 07034,0B 07215,0B 07335,8B	1500-700		4
141	6831,2c 6820,0c 6831,0c 6836,5c 6844,0c 6853,3c 6915,5c 6926,5c 6959,0c	06745,6B 06851,5B 06922,0B 06940,0B 06958,0B 07017,9B 07053,0B 07110,0B 07209,0B	1500-700		4
142	6828,0c 6831,0c 6829,0c 6820,0c 6819,0c 6820,0c 6810,5c 6823,6c	07335,8B 07205,0B 07059,0B 06955,0B 06909,0B 06851,5B 06818,0B 06757,6B	1500-700		4
143	6807,0c 6758,0c 6808,0c 6812,0c 6817,0c 6831,0c 6837,5c 6844,0c 6855,0c 6901,0c	06807,0B 06834,0B 06904,0B 06952,0B 07113,0B 07205,0B 07215,0B 07217,0B 07210,0B 07231,0B	1500-700		4
144	6854,5c 6820,0c 6758,0c 6740,6c	06910,0B 06851,5B 06834,0B 06829,0B	1500-700		4
145	6814,9c 6744,2c	06749,5B 06734,6B	1500-700		4
146	6736,9c 6744,5c 6817,0c 6821,0c 6828,0c	06934,0B 06955,0B 07113,0B 07153,5B 07335,8B	1500-700		4
147	6817,0c 6730,0c	07250,0B 07113,0B	1500-700		4
148	6724,5c 6741,7c 6757,0c 6809,0c 6828,0c	07222,0B 07253,8B 07310,0B 07307,0B 07335,8B	1500-700		4
149	6817,0c 6755,3c	07250,0B 07252,1B	1500-700		4

1	2	3	4
	6741,7c 07253,8B 6735,5c 07219,0B 6728,0c 07134,0B		4
150	6735,5c 07219,0B 6726,0c 07158,0B	1500-700	4
151	7052,7c 07829,6B 7000,0c 07910,0B 6910,5c 07830,0B 6830,0c 07758,0B 6743,3c 07733,2B 6737,0c 07839,0B	1500-700	4
152	6759,2c 07506,0B 6749,0c 07448,4B 6743,0c 07441,3B 6718,0c 07410,0B	1500-700	4
153	6749,0c 07448,4B 6741,7c 07455,0B 6719,0c 07455,0B 6714,0c 07452,5B	1500-700	4
154	6712,2c 07528,2B 6740,9c 07502,5B 6747,4c B 07458,0	1500-700	4
155	6809,4c 07454,2B 6759,2c 07506,0B 6751,5c 07520,0B 6742,2c 07524,0B 6711,0c 07546,3B	1500-700	4
156	6703,5c 07730,3B 6707,0c 07802,0B	1500-700	4
157	6707,3c 07912,2B 6722,1c 07859,6B	1500-700	4
158	7052,7c 07829,6B 6951,7c 07731,7B 6905,5c 07652,3B 6847,0c 07608,0B 6822,6c 07627,3B 6742,0c 07658,0B 6729,7c 07632,5B 6724,6c 07615,8B 6708,8c 07618,4B	1500-700	4
159	6706,5c 07650,5B 6742,0c 07658,0B 6847,0c 07637,0B 6905,5c 07652,3B	1500-700	4
160	6703,2c 07837,5B 6728,7c 07842,7B 6807,0c 07856,0B 6913,5c 07903,0B 7000,0c 07910,0B 7007,0c 07844,0B	1500-700	4
161	6713,6c 08005,4B 6725,0c 07920,0B 6728,7c 07842,7B	1500-700	4

1	2	3	4
	6727,0c 07752,0B 6708,8c 07618,4B		
162	6728,7c 07842,7B 6743,3c 07733,2B 6802,0c 07610,0B 6817,8c 07442,6B 6822,0c 07420,0B	1500-700	4
163	6822,0c 07420,0B 6816,0c 07438,2B 6809,4c 07454,2B 6753,0c 07610,0B 6742,0c 07658,0B 6728,7c 07842,7B	1500-700	4
164	6727,0c 07752,0B 6738,0c 07610,0B 6743,5c 07531,0B 6747,4c 07458,0B	1500-700	4
165	6751,5c 07520,0B 6747,0c 07610,0B 6742,0c 07658,0B	1500-700	4
166	6743,3c 07733,2B 6847,0c 07637,0B	1500-700	4
167	6905,5c 07652,3B 6903,0c 07748,0B 6910,5c 07830,0B 6913,5c 07903,0B 6918,8c 07936,6B	1500-700	4
168	6807,0c 07856,0B 6903,0c 07748,0B	1500-700	4
169	6740,5c 06836,0B 6758,0c 06834,0B 6810,5c 06818,0B	1500-700	4
170	6844,0c 07217,0B 6853,3c 07017,9B 6856,0c 06951,0B 6854,1c 06927,7B	1500-700	4
171	6728,7c 07842,7B 6739,0c 08121,0B	1500-700	4
172	6731,0c 7103,0B 6754,0c 07114,0B 6817,0c 07113,0B 6829,0c 07059,0B 6844,0c 07034,0B 6853,3c 07017,9B 6934,0c 07000,0B	1500-700	4
173	7042,0c 06722,0B 7042,0c 06737,0B 7023,7c 06820,6B 6941,0c 06904,0B 6916,0c 06916,0B 6856,0c 06951,0B 6844,0c 06958,0B 6820,0c 06955,0B	1500-700	4

1	2	3	4
	6812,0с 6744,5с 6736,0с	06952,0в 06955,0в 07001,0в	
174	6831,0с 6821,0с 6801,0с	07205,0в 07153,5в 07143,0в	4
175	7018,0с 6958,5с	06745,0в 06737,0в	4
176	6730,4с 6725,0с	08132,0в 07920,0в	4
177	6722,1с 6725,0с 6739,0с	07859,6в 07920,0в 08121,0в	4
178	6807,0с 6841,9с	07856,0в 07958,7в	4

Новосибирская зона Единой системы организации воздушного движения

179	5605,0с 5547,0с 5534,0с 5509,0с 5502,0с 5452,0с 5500,0с 5502,5с 5513,0с 5522,0с 5521,4с 5518,0с 5517,0с 5519,0с 5505,5с	06936,0в 07046,0в 07121,0в 07242,0в 07302,0в 07318,0в 07405,0в 07435,0в 07558,0в 07710,0в 07818,2в 07941,0в 08224,0в 08243,0в 08254,4в	1500-500	4
180	5505,5с 5507,5с 5506,3с 5507,5с 5511,7с 5514,0с 5516,2с 5529,0с 5600,0с 5604,0с	08254,4в 08256,1в 08300,6в 08335,0в 08441,8в 08523,5в 08606,5в 08626,0в 08759,0в 08905,0в	1500-500	4
181	5519,0с 5548,0с 5601,0с 5610,0с 5623,0с	08243,0в 08305,0в 08348,0в 08456,0в 08512,7в	1500-500	4
182	5623,0с 5610,0с 5558,5с 5531,0с 5516,2с	08512,7в 08526,0в 08538,3в 08607,0в 08606,5в	1500-500	4
183	5516,2с	08606,5в	1500-500	4

1	2		3	4
	5501,4c	08605,0B		
	5441,2c	08604,0B		
	5429,5c	08622,7B		
	5359,0c	08710,0B		
	5348,6c	08652,7B		
184	5348,6c	08652,7B	1500-500	4
	5340,0c	08636,0B		
	5328,0c	08555,0B		
	5326,0c	08524,0B		
	5327,4c	08452,4B		
	5327,0c	08354,0B		
	5321,8c	08332,5B		
185	5321,8c	08332,5B	1500-500	4
	5330,0c	08350,0B		
	5359,0c	08445,0B		
	5425,9c	08511,6B		
	5436,3c	08523,0B		
	5501,4c	08605,0B		
186	5505,5c	08254,4B	1500-500	4
	5501,0c	08250,0B		
	5459,0c	08247,0B		
	5453,0c	08246,0B		
	5440,0c	08237,0B		
	5402,9c	08257,2B		
	5338,0c	08313,0B		
	5321,8c	08332,5B		
187	5519,0c	08243,0B	1500-500	4
	5600,0c	08240,0B		
	5701,0c	08204,0B		
	5747,0c	08240,0B		
	5804,0c	08250,0B		
	5819,6c	08256,0B		
	5829,0c	08242,0B		
	5842,0c	08128,0B		
	5904,0c	08049,0B		
	5926,3c	08001,5B	1500-300	
	5946,0c	07913,0B		
	6027,0c	07750,0B		
	6042,6c	07739,6B		
	6051,0c	07702,0B		
188	5623,0c	08512,7B	1500-500	4
	5642,0c	08521,0B		
	5708,0c	08434,0B		
	5724,3c	08405,4B		
	5734,0c	08348,0B		
	5750,0c	08318,0B		
	5819,6c	08256,0B		
189	5452,0c	07318,0B		
	5458,0c	07318,7B		
	5502,0c	07302,0B		
	5538,0c	07306,0B		
	5615,0c	07357,0B		
	5654,0c	07418,0B		

1	2		3	4
	5712,0c	07456,0B	1500-300	
	5744,1c	07529,4B		
	5805,0c	07537,5B		
	5835,0c	07630,0B		
	5857,7c	07621,0B		
	5908,9c	07616,6B		
	5935,0c	07641,0B		
	6022,0c	07730,0B		
	6042,6c	07739,6B		
190	5623,0c	08512,7B	1500-500	4
	5627,0c	08424,0B		
	5701,0c	08204,0B		
	5714,0c	08125,0B		
	5736,0c	07929,0B		
	5809,0c	07853,0B		
	5833,7c	07840,6B	1500-300	
	5900,0c	07827,0B		
	5914,0c	07815,0B		
	5925,0c	07802,0B		
	6027,0c	07750,0B		
191	5809,0c	07853,0B	1500-500	4
	5821,7c	07810,1B	1500-300	
	5829,0c	07745,0B		
	5835,0c	07630,0B		
192	5819,6c	08256,0B	1500-500	4
	5819,0c	08229,0B		
	5817,0c	08158,0B		
	5812,5c	08037,5B		
	5809,0c	07853,0B		
193	5817,0c	08158,0B	1500-500	4
	5749,0c	08007,0B		
	5736,0c	07929,0B		
194	5904,0c	08049,0B	1500-500	4
	5909,7c	07931,3B	1500-300	
	5914,0c	07815,0B		
	5908,0c	07733,0B		
	5905,0c	07643,0B		
	5908,9c	07616,6B		
195	5904,0c	08049,0B	1500-500	4
	5859,0c	08040,0B		
	5848,2c	07921,9B		
	5835,0c	07900,0B		
	5821,7c	07810,1B	1500-300	
	5805,0c	07537,5B		
196	5348,6c	08652,7B	1500-500	4
	5401,0c	08636,0B		
	5426,9c	08542,8B		
	5436,3c	08523,0B		
	5442,0c	08510,0B		
	5446,8c	08440,4B		
	5459,0c	08320,0B		
	5506,3c	08300,6B		
197	5538,0c	07306,0B	1500-500	4

1	2	3	4
	5657,0c 07239,0b 5714,0c 07155,0b 5742,0c 07110,0b		4
198	5819,0c 08229,0b 5830,0c 08041,0b 5848,2c 07921,9b 5900,0c 07827,0b	1500-500 1500-300	4
199	5736,0c 07929,0b 5743,0c 07906,0b 5746,5c 07755,0b 5748,0c 07713,0b 5745,0c 07624,2b 5805,0c 07537,5b	1500-500 1500-300	4
200	5459,0c 08320,0b 5438,0c 08349,9b 5421,0c 08413,0b 5359,0c 08445,0b 5327,4c 08452,4b 5303,0c 08458,0b 5228,8c 08520,6b 5213,4c 08541,5b 5204,0c 08554,0b 5158,0c 08550,0b	1500-500	4
201	5438,0c 08349,9b 5405,5c 08343,3b 5338,0c 08342,3b 5321,8c 08332,5b	1500-500	4
202	5517,0c 08224,0b 5530,0c 08133,0b 5552,0c 08003,0b 5615,0c 07907,0b 5620,0c 07821,6b 5622,0c 07756,0b 5636,0c 07634,0b 5629,5c 07554,2b 5622,0c 07515,0b 5615,0c 07357,0b	1500-500	4
203	5513,0c 07558,0b 5516,5c 07356,5b 5507,0c 07308,0b 5458,0c 07318,7b	1500-500	4
204	5502,0c 08236,0b 5453,0c 08246,0b 5456,0c 08305,0b 5459,0c 08320,0b 5511,7c 08441,8b	1500-500	4
205	5402,9c 08257,2b 5412,0c 08217,0b 5422,0c 08155,0b 5440,0c 08102,0b 5449,0c 08028,0b 5502,0c 07951,0b 5505,0c 07918,0b	1500-500	4

1	2	3	4
	5521,4c 07818,2b 5604,0c 07717,0b 5636,0c 07634,0b		4
206	5620,0c 07821,6b 5639,0c 07744,0b 5719,1c 07726,2b 5748,0c 07713,0b 5813,4c 07650,1b 5835,0c 07630,0b	1500-500 1500-300	4
207	5620,0c 07821,6b 5649,0c 07829,0b 5712,0c 07843,0b	1500-500	
208	5654,0c 07418,0b 5657,0c 07517,0b 5644,6c 07603,1b 5636,0c 07634,0b 5639,0c 07744,0b 5712,0c 07843,0b 5736,0c 07929,0b	1500-500	4
209	5449,0c 08028,0b 5430,0c 07940,0b 5359,0c 07915,0b	1500-500	4
210	5402,9c 08257,2b 5400,0c 08236,0b 5347,0c 08219,0b 5332,0c 08205,0b 5315,5c 08202,0b 5248,0c 08148,0b 5132,8c 08113,7b 5058,2c 08130,5b 5109,9c 08212,0b 5140,0c 08245,0b	1500-500	4
211	5440,0c 08237,0b 5435,0c 08215,0b 5422,0c 08155,0b 5420,0c 08030,0b 5359,0c 07915,0b 5342,0c 07804,0b	1500-500	4
212	5517,0c 08224,0b 5505,0c 08126,0b 5449,0c 08028,0b 5448,0c 07944,0b 5442,0c 07840,0b 5421,5c 07717,0b	1500-500	4
213	5321,8c 08332,5b 5248,0c 08148,0b 5237,0c 08114,0b 5201,2c 08020,0b 5150,0c 07946,0b	1500-500	4
214	5321,8c 08332,5b 5318,0c 08300,0b 5315,5c 08202,0b 5318,4c 08130,0b	1500-500	4

1	2		3		4
	5317,1c 5303,4c	08046,9B 07838,7B			
215	5315,5c 5308,0c 5256,0c 5251,0c 5234,0c	08202,0B 08145,0B 08026,0B 07953,0B 07856,0B	1500-500		4
216	5321,8c 5316,6c 5312,0c 5220,0c 5157,5c 5140,0c 5135,0c 5132,8c 5122,0c	08332,5B 08334,2B 08343,0B 08345,0B 08322,0B 08245,0B 08218,0B 08113,7B 08012,0B	1500-500		4
217	5158,0c 5138,0c 5117,0c 5103,0c 5018,0c	08550,0B 08545,0B 08541,0B 08536,0B 08524,0B	1500-500		4
218	5200,0c 5138,0c 5027,0c 5019,0c 5008,0c 4958,0c 4934,0c 4942,0c	08522,0B 08545,0B 08638,0B 08735,0B 08820,0B 08838,0B 08823,0B 08727,0B	1500-500		4
219	5225,0c 5211,0c 5204,0c	08507,0B 08537,0B 08554,0B	1500-500		4
220	5312,0c 5311,0c 5227,5c 5225,0c 5228,8c	08343,0B 08353,0B 08454,0B 08507,0B 08520,6B	1500-500		4
221	5227,5c 5203,0c 5200,0c 5158,0c 5117,0c 5050,0c 5019,0c	08454,0B 08505,0B 08522,0B 08550,0B 08743,0B 08740,0B 08735,0B	1500-500		4
222	5312,0c 5220,0c 5204,0c 5138,0c 5128,4c 5056,0c 5026,0c 5018,0c 5016,0c	08343,0B 08404,0B 08405,0B 08418,0B 08424,5B 08446,0B 08504,0B 08524,0B 08537,0B	1500-500		4

1	2	3	4
	5008,0c 08619,0B 5009,0c 08633,0B 5017,0c 08641,3B 5027,0c 08638,0B		
223	5504,0c 08203,0B 5502,0c 08211,0B 5505,0c 08126,0B 5512,0c 08017,0B 5518,0c 07941,0B	1500-500	4
224	5745,0c 07624,2B 5810,8c 07627,1B 5835,0c 07630,0B 5848,2c 07704,6B 5914,0c 07815,0B	1500-300	4
225	5604,0c 08905,0B 5602,0c 09017,8B 5605,4c 09142,0B 5607,0c 09317,0B 5549,0c 09418,0B 5540,0c 09525,0B 5556,0c 09800,0B	2400-600	4
226	5430,5c 10708,3B 5508,1c 10735,0B 5524,0c 10743,0B 5554,0c 10746,0B 5617,0c 10734,0B 5637,2c 10749,0B 5654,3c 10808,5B 5709,0c 10813,0B 5746,2c 10803,6B 5831,2c 10803,1B 6001,3c 10805,1B 6116,0c 10802,0B	100	4
227	5554,9c 09800,0B 5534,8c 09840,0B 5458,0c 09858,5B 5454,0c 09904,0B 5433,5c 10035,0B 5421,0c 10131,0B 5357,0c 10201,6B 5311,0c 10302,0B 5238,4c 10313,2B 5237,8c 10359,5B 5226,5c 10424,0B 5220,7c 10429,8B 5215,7c 10541,8B 5217,0c 10617,3B 5208,1c 10726,0B 5206,0c 10833,5B 5210,0c 10948,0B 5232,0c 11133,0B 5212,5c 11250,0B 5201,6c 11318,3B	300	4

[illegible]

1	2	3	4
	5225,0c 11347,0B 5333,0c 11537,0B 5427,0c 11630,9B 5508,0c 11645,9B 5552,0c 11723,0B 5654,1c 11816,1B	600	
234	5026,0c 10322,0B 5036,0c 10520,0B 5116,7c 10630,9B 5141,1c 10710,6B 5148,5c 10726,5B 5152,0c 10739,3B 5206,0c 10833,5B 5210,0c 10948,0B 5222,2c 11025,0B 5232,0c 11133,0B 5254,8c 11200,0B 5312,9c 11245,9B 5338,0c 11402,9B 5354,0c 11441,0B 5402,7c 11500,1B 5427,0c 11630,9B 5508,7c 11734,7B 5604,0c 11909,9B	300	2 4
235	5354,0c 11441,0B 5333,0c 11537,0B 5343,0c 11633,9B	300	4
236	5117,5c 10852,0B 5108,5c 10857,7B 5118,0c 10933,9B 5120,0c 11030,0B 5159,0c 11234,9B 5201,6c 11318,3B 5225,0c 11347,0B 5238,9c 11515,0B 5258,0c 11655,0B 5318,0c 11830,0B 5345,0c 11944,9B 5358,6c 12158,5B	300	4
237	5554,9c 09800,0B 5605,0c 09925,0B 5614,8c 10025,2B 5635,1c 10126,2B 5635,6c 10147,5B 5651,5c 10216,3B 5704,8c 10313,0B 5708,0c 10355,0B 5650,2c 10453,6B 5651,4c 10543,8B 5645,0c 10630,0B 5617,0c 10734,0B 5554,0c 10746,0B 5546,3c 10828,1B	300 100 600	4 2

1	2		3	4
	4955,7c	11650,9B	300	
	5007,0c	11640,0B		
	5024,0c	11633,0B		
	5100,9c	11652,9B		
	5100,9c	11631,9B		
	5136,0c	11638,9B		
	5145,9c	11713,9B		
	5214,0c	11744,0B		
	5222,9c	11833,0B		
	5241,9c	11848,0B		
	5322,9c	11941,0B		
	5345,0c	11944,9B		
	5413,0c	12008,0B		
	5425,9c	11956,9B		
	5554,9c	11937,9B		
	5604,0c	11909,9B	600	
	5654,1c	11816,1B	300	
	5722,0c	11908,9B		
242	5743,9c	11733,9B	300	4
	5759,9c	11825,4B		
243	5820,9c	11819,6B	300	4
	5824,3c	11904,1B		
244	5808,2c	10234,4B	300	4
	5807,0c	10303,0B	100	
	5806,9c	10412,3B		
	5815,6c	10551,3B		
	5848,7c	10659,5B		
	5915,3c	10813,8B		
	5922,0c	11008,0B		
245	5808,2c	10234,4B	300	4
	5807,0c	10303,0B	100	
	5836,0c	10423,0B		
	5918,7c	10621,0B		
	6001,3c	10805,1B		
	6023,7c	10747,3B		
	6049,0c	10800,0B		
	6116,0c	10802,0B		
246	5216,0c	10423,7B	100	4
	5220,7c	10429,8B	300	
	5226,5c	10424,0B		
	5323,0c	10352,0B		
	5352,4c	10320,5B		
	5410,0c	10304,0B		
	5439,3c	10256,7B		
	5515,8c	10227,0B		
	5524,7c	10219,0B		
	5541,3c	10208,2B		
	5552,7c	10205,5B		
	5607,2c	10153,5B		
	5611,7c	10150,0B		
	5617,8c	10143,6B		
	5622,2c	10141,9B		
	5628,0c	10132,0B		

1	2	3	4
	5635,1c 10126,2B 5705,0c 10139,0B 5734,5c 10050,3B 5757,0c 10041,0B		
247	5651,5c 10216,3B 5709,0c 10214,0B 5740,0c 10236,0B 5808,2c 10234,4B	300	4
248	5226,5c 10424,0B 5248,1c 10445,0B 5351,8c 10511,4B 5422,6c 10510,0B 5448,0c 10512,0B	100 300	4
249	5433,5c 10035,0B 5520,5c 10109,0B	100	4
250	5448,0c 10512,0B 5500,0c 10505,0B 5537,2c 10535,4B 5543,4c 10544,1B 5627,0c 10616,0B 5651,4c 10543,8B	300	4
251	5651,4c 10543,8B 5700,0c 10633,0B 5720,4c 10728,0B 5746,2c 10803,6B 5750,3c 10822,7B 5818,2c 10938,3B 5843,9c 11110,0B 5855,0c 11115,0B	100	4
252	5140,0c 11358,0B 5106,0c 11433,0B 5031,9c 11508,0B 5036,0c 11541,0B 5024,0c 11633,0B 5027,0c 11800,0B 5038,5c 11833,4B 5055,0c 11855,0B 5118,0c 11936,0B	300 100 300	4
253	5024,0c 11633,0B 5004,9c 11802,9B	100	4
254	5027,0c 11800,0B 5022,0c 11902,0B	100	4
255	5523,0c 11556,0B 5546,9c 11547,6B 5627,0c 11539,0B	300 600	4
256	5523,0c 11556,0B 5546,9c 11547,6B 5627,0c 11539,0B 5523,0c 11556,0B	300	4
257	5133,5c 11822,0B 5152,0c 11834,9B 5222,0c 11915,0B 5247,0c 11933,9B	300	4

1	2		3	4
	5241,9c	11848,0B		
258	5106,0c	11433,0B		4
	5052,9c	11541,0B	100	
	5024,0c	11633,0B	300	
	5054,9c	11756,0B		
	5038,5c	11833,4B		
259	5238,9c	11515,0B	300	4
	5247,9c	11547,0B		
	5311,0c	11548,6B		
	5343,0c	11633,9B		
260	5436,0c	10843,0B	600	4
	5536,0c	10922,0B		
261	5543,4c	10544,1B	300	4
	5448,0c	10512,0B		
	5446,8c	10514,1B		
	5454,1c	10538,6B		
	5508,1c	10735,0B		
262	5141,9c	10252,6B	600	4
	5041,8c	10327,8B	300	
	5026,0c	10322,0B		
263	5835,7c	11008,6B	100	4
	5843,9c	11110,0B		
	5830,0c	11147,0B	300	
	5817,5c	11225,0B		
	5818,0c	11253,0B		
	5813,5c	11316,0B		
	5752,1c	11414,0B		
	5754,1c	11426,0B		
	5826,5c	11559,0B		
	5836,2c	11626,9B		
	5847,3c	11640,6B		
	5900,0c	11655,3B		
264	5752,1c	11414,0B	300	4
	5748,9c	11401,0B		
	5813,5c	11316,0B		
	5818,0c	11253,0B		
	5851,0c	11254,0B		
	5902,0c	11247,0B		
265	5752,1c	11414,0B	300	4
	5748,9c	11401,0B		
	5813,5c	11316,0B		
266	5842,0c	11202,0B	300	4
	5832,2c	11236,3B		
267	5427,1c	09748,2B	300	4
	5425,9c	09812,2B		
	5448,1c	09900,5B		
	5454,0c	09904,0B		
268	5454,0c	09904,0B	300	4
	5452,1c	09807,2B		
	5440,5c	09912,0B		
	5412,0c	09857,1B		
	5357,2c	09848,0B		
	5353,0c	09837,1B	600	

1	2	3	4
	5350,0с 09822,2в 5337,4с 09815,1в		
269	5353,0с 09837,1в 5448,1с 09900,5в 5454,0с 09904,0в	300	4
270	5704,8с 10313,0в 5633,6с 10226,5в	300	4
271	5705,0с 10139,0в 5635,6с 10147,5в 5633,6с 10226,5в 5646,2с 10349,5в 5642,1с 10416,0в 5650,2с 10453,6в	300 100	4
272	5622,2с 10141,9в 5616,1с 10139,3в 5605,0с 10141,0в 5550,8с 10133,5в 5520,5с 10109,0в	300 100	4
273	5350,0с 09822,2в 5351,0с 09816,4в	600	4
274	5554,9с 09800,0в 5458,0с 09858,5в	300	4
275	5451,4с 09858,0в 5440,3с 09723,3в 5458,0с 09858,5в 5454,0с 09904,0в	300	4
276	5915,3с 10813,8в 6007,0с 10904,0в 6006,0с 10933,0в 5959,0с 11004,0в 5949,0с 11053,0в 5946,6с 11051,0в 5928,4с 11022,1в	100	4
277	6007,0с 10904,0в 5928,0с 10906,0в 5815,4с 10825,4в	100	4
278	5815,4с 10825,4в 5933,0с 10942,0в 5959,0с 11004,0в	100	4
279	5933,0с 10942,0в 5949,0с 11053,0в 5928,4с 11022,1в	100	4
Хабаровская зона Единой системы организации воздушного движения			
280	6232,0с 11402,0в 6246,9с 11517,2в 6259,0с 11625,0в 6317,1с 11820,6в 6328,3с 11930,8в 6339,6с 12055,2в 6345,4с 12141,4в 6351,1с 12228,6в 6353,2с 12246,5в	2700-200	4

1	2	3	4
	6356,6c 12510,7B 6357,3c 12624,0B 6357,5c 12725,2B 6418,9c 12802,6B 6517,4c 12959,5B 6524,7c 13033,2B 6542,0c 13151,0B 6633,5c 13255,3B 6738,7c 13441,3B 6729,8c 13532,2B 6708,8c 13724,0B 6654,5c 14024,7B 6653,1c 14040,4B 6631,0c 14301,0B 6627,0c 14315,5B 6613,5c 14628,2B 6604,0c 14812,0B 6544,9c 15053,2B 6645,0c 15224,5B 6728,4c 15343,6B 6758,1c 15622,4B 6836,9c 16025,0B 6844,4c 16120,2B		
281	6232,0c 11402,0B 6225,3c 11521,5B 6220,4c 11611,6B 6211,1c 11738,0B 6203,7c 11832,8B 6203,0c 11838,0B 6220,6c 12348,1B 6222,0c 12427,0B 6205,2c 12644,0B 6206,5c 12847,7B 6206,5c 12933,8B 6221,1c 12958,9B 6221,8c 13032,0B 6223,0c 13332,0B 6231,1c 13433,1B 6236,0c 13524,0B 6247,0c 13651,0B 6310,3c 13819,3B 6306,9c 13909,0B 6312,5c 13928,2B 6325,8c 14035,8B 6355,3c 14139,6B 6428,6c 14248,4B 6432,9c 14306,7B 6452,0c 14621,7B 6510,0c 14705,0B 6539,4c 14758,6B 6537,9c 14844,6B 6544,9c 15053,2B	3000-300	4
282	6557,0c 11131,0B	3000-200	4

1	2	3	4
	6609,2c 11144,8B 6624,0c 11202,0B 6652,8c 11810,9B 6653,3c 11814,7B 6647,7c 12321,7B 6710,0c 12515,0B 6738,1c 12900,0B 6739,8c 12915,4B 6747,5c 13023,4B 6741,8c 13133,6B 6733,0c 13324,0B 6738,7c 13441,3B		
283	6954,4c 12505,2B 7041,8c 12723,1B 7117,5c 12817,3B 7141,7c 12854,0B 7141,3c 12945,3B 7126,0c 13609,9B 7118,7c 13842,7B 7042,1c 14707,0B 7037,4c 14753,6B 7029,5c 14835,7B 6717,2c 15405,3B 6912,0c 15426,0B 6843,0c 15845,0B 6844,4c 16020,7B 6844,4c 16120,2B	1800-200	4
284	6624,0c 11202,0B 6729,9c 11215,3 6831,0c 11228,0B 6929,8c 11253,5B 7053,0c 11334,0B 7109,9c 11336,7B 7155,7c 11404,9B 7230,4c 11533,7B 7326,0c 11820,0B 7237,4c 12154,0B 7159,0c 12705,0B 7141,7c 12854,0B 7123,5c 13038,0B 7054,9c 13300,0B 7048,5c 13330,2B 7036,0c 13430,0B 6954,6c 13726,7B 6922,5c 13928,7B 6923,5c 13953,2B 6924,8c 14018,0B 6902,7c 14304,7B 6833,4c 14613,7B 6825,2c 15017,9B 6823,9c 15043,7B 6728,4c 15343,6B	2100-200	4
285	7155,7c 11404,9B	1500-200	4

1	2	3	4
	7213,4c 11641,9B 7237,4c 12154,0B 7154,0c 12334,0B 7146,4c 12654,9B 7141,7c 12854,0B 7117,9c 12933,5B 7050,8c 13043,6B 7049,1c 13300,0B 7048,5c 13330,2B 7100,0c 13420,3B 7126,0c 13609,9B 7146,0c 13952,0B 7044,7c 14710,1B 7037,4c 14753,6B 7024,5c 14822,4B 6859,0c 15118,8B 6840,6c 15152,4B 6728,4c 15343,6B		
286	7155,7c 11404,9B 7200,0c 11733,4B 7154,0c 12334,0B 7041,8c 12723,1B	1500-300	4
287	6831,0c 11228,0B 6725,2c 11327,0B 6615,0c 11424,0B 6506,7c 11557,3B 6420,0c 11656,0B 6317,1c 11820,6B 6200,0c 11920,4B 6024,0c 12028,3B 5936,4c 12245,1B 5917,9c 12335,7B 5845,9c 12459,6B 5836,2c 12524,4B 5828,3c 12551,4B 5749,4c 12757,0B	2100-400	4
288	6357,5c 12725,2B 6341,0c 12822,0B 6334,5c 12930,2B 6321,0c 13136,0B 6303,0c 13330,0B 6300,2c 13410,0B 6247,0c 13651,0B 6217,0c 13742,0B 6230,1c 13902,3B	2400-600	4
289	5517,0c 12447,0B 5540,1c 12448,8B 5633,3c 12452,9B 5654,8c 12454,7B 5716,3c 12453,1B 5723,0c 12454,2B 5827,0c 12457,0B 5836,2c 12524,4B	2400-100	4

1	2	3	4
	5856,3c 12617,4B 5944,8c 12707,2B 6133,0c 12909,0B 6142,2c 12918,2B 6154,0c 12931,2B 6206,5c 12933,8B 6232,5c 12943,8B 6359,7c 13017,0B 6501,0c 13040,0B 6518,0c 13108,9B 6542,0c 13151,0B		
290	6647,7c 12321,7B 6720,0c 12320,0B 6844,7c 12401,4B 6930,9c 12444,4B 6954,4c 12505,2B	1500200	4
291	6831,0c 11228,0B 6753,4c 11703,6 6647,7c 12321,7B 6519,0c 12442,0B 6508,7c 12457,2B 6502,0c 12507,0B 6438,0c 12548,0B 6411,5c 12624,2B 6409,2c 12629,8B 6357,5c 12725,2B 6334,4c 12756,2B 6328,0c 12802,0B 6226,9c 12910,3B 6206,5c 12933,8B	1500-200	4
292	5746,2c 10803,6B 5900,6c 11114,7B 5927,5c 11233,8B 5937,0c 11246,0B 5938,4c 11248,5B 6043,2c 11449,4B 6129,3c 11616,1B 6150,8c 11658,7B 6211,1c 11738,0B 6220,9c 11759,2B 6312,0c 11942,8B 6327,5c 12016,0B 6336,6c 12058,5 6345,4c 12141,4B 6406,4c 12151,9B 6520,4c 12230,7B 6647,7c 12321,7B	1500-300	4
293	5927,5c 11233,8B 5941,5c 11237,9B 6155,7c 11342,0B 6232,0c 11402,0c	1500-800	4
294	6232,0c 11402,0c 6308,5c 11337,4B	1500-800	4

1	2	3	4
	6439,1c 11232,9B 6544,3c 11143,5B 6557,0c 11131,0B		
295	6624,0c 11202,0B 6433,7c 11303,1B 6309,3c 11344,4B 6232,0c 11402,0c 6155,4c 11418,0B 6120,0c 11433,5B 6043,2c 11449,4B 6038,8c 11627,1B 6024,0c 12028,3B 6035,0c 12225,0B 6936,0c 12319,0B 6035,3c 12403,1B 6124,0c 12639,0B 6157,1c 12851,2B 6206,5c 12933,8B	1500-800	4
296	6035,3c 12403,1B 6133,0c 12909,0B	1500-700	4
297	6624,0c 11202,0B 6454,5c 11518,8B 6317,1c 11820,6B 6323,8c 11928,7B 6327,5c 12016,0B 6322,4c 12102,8B 6259,0c 12409,2B 6214,4c 12850,7B 6206,5c 12933,8B	1500-300	4
298	6317,1c 11820,6B 6533,5c 12124,7B 6647,7c 12321,7B	1500-300	4
299	6317,1c 11820,6B 6226,2c 11748,8B 6211,1c 11738,0B 6147,5c 11818,9B 6024,0c 12028,3B 5843,8c 12126,7B 5827,0c 12136,0B 5709,4c 12425,6B 5654,8B 12454,7B 5640,4c 12524,0B 5627,0c 12552,0B 5541,0c 12758,0B	2400-300	4
300	6327,5c 12016,1B 6305,9c 12017,6B 6201,0c 12022,1B 6024,0c 12028,3B	1500-300	4
301	6206,5c 12933,8B 6216,6c 12853,6B 6240,8c 12724,6B 6245,3c 12707,5B 6316,8c 12427,9B	1500-300	4

1	2		3	4
	6338,0c 6345,4c	12227,1B 12141,4B		
302	6357,5c 6359,1c 6359,7c	12725,2B 12826,3B 13017,0B	2100-1000	4
303	6345,4c 6324,2c 6200,0c 6024,0c 5904,0c 5826,8c 5808,0c 5755,0c 5715,0c 5644,2c 5654,8B 5705,3c 5749,4 5753,1 5831,7	12141,4B 12132,9B 12101,6B 12028,3B 11747,0B 11930,5B 12014,6B 12043,0B 12332,0B 12420,5B 12454,7B 12529,2B 12757,0B 12804,3B 12853,2B	2700-300	4
304	6024,0c 5958,0c 5930,0c 5826,8c 5828,6c 5836,2c 5836,2c 5821,7c 5541,0c 5442,4c 5439,2c	12028,3B 11950,0B 11917,0B 11930,5B 11943,7B 12453,4B 12524,4B 12537,9B 12758,0B 12824,9B 12827,3B	2700-500	4
305	5439,2c 5442,7c 5540,0c 5546,5c 5617,0c	12827,3B 12826,9B 12847,0B 12925,9B 12959,0B	2700-900	4
306	5627,0c 5625,0c 5618,0c 5611,0c 5617,0c 5607,0c 5610,0c	12552,0B 12720,0B 12833,0B 12929,0B 12959,0B 13038,8B 13103,0B	2400-1300	4
307	5654,8B 5714,9c 5737,8c 5758,6c 5804,2c 5831,7c 5845,0c 5901,6c 5912,0c 5937,8c	12454,7B 12527,7B 12606,3B 12704,4B 12722,3B 12853,2B 13039,0B 13147,4B 13153,0B 13305,4B	2400-400	4

1	2		3	4
	6021,4c	13426,1B		
	6137,9c	13523,9B		
	6212,2c	13551,8B		
	6247,0c	13651,0B		
308	5856,3c	12617,4B	1500-400	4
	5845,0c	13039,0B		
	5912,0c	13153,0B		
	6055,4c	13207,5B		
309	6517,4c	12959,5B	2400-1900	4
	6501,0c	13040,0B		
310	6154,0c	12931,2B	1500-300	4
	6140,6c	13008,5B		
	6055,4c	13207,5B		
	5937,8c	13305,4B		
311	6055,4c	13207,5B	3000-900	4
	6021,4c	13426,1B		
	6109,0c	13803,0B		
	6230,1c	13902,3		
312	6021,4c	13426,1B	2400-1200	4
	5930,2c	13655,2B		
	5927,0c	13704,0B		
	5935,0c	13719,1B		
	5946,0c	13740,0B		
313	5946,0c	13740,0B	2700-200	4
	5959,0c	13735,5B		
	6007,9c	13725,3B		
	6015,9c	13729,9B		
	6030,5c	13739,3B		
	6109,0c	13803,0B		
	6226,0c	13705,0B		
	6247,0c	13651,0B		
	6354,6c	13552,3B		
	6403,8c	13557,8B		
	6514,7c	13532,0B		
	6709,0c	13438,0B		
	6738,7c	13441,3B		
	6813,8c	13456,2B		
	6925,7c	13524,6B		
	7000,6c	13538,5B		
	7044,7c	13610,3B		
	7100,0c	13611,7B		
	7126,0c	13609,9B		
314	6021,4c	13426,1B	2100-1100	4
	6009,7c	13659,3B		
	6007,9c	13725,3B		
315	6738,7c	13441,3B	1800-700	4
	6920,0c	13228,8B		
	6931,3c	13213,4B		
	7050,8c	13043,6B		
316	7050,8c	13043,6B	2100-200	4
	7029,2c	13300,0B		
	7000,6c	13538,5B		
	6944,6c	13719,2		

1	2	3	4
	6922,5c 13928,7B		
317	6813,8c 13456,2B 6850,0c 13744,9B 6858,9c 13827,9B 6922,5c 13928,7B 7043,5c 13914,4B 7109,9c 13929,1B 7146,0c 13952,0B	2100-200	4
318	7126,0c 13609,9B 7100,0c 13800,0B 7043,5c 13914,4B 7010,0c 14043,0B 6917,2c 14354,1B 6833,4c 14613,7B 6921,8c 14703,2B 6947,9c 14731,5B 7021,4c 14746,8B 7049,7c 14825,3B 7101,5c 14859,4B 7107,9c 14917,4B	1800-200	4
319	7000,6c 13538,5B 7004,2c 13719,5B 7010,0c 14043,0B 7020,1c 14230,3B 7031,0c 14441,0B 7036,0c 14705,2B 7037,4c 14753,6B	1500-200	4
320	6924,8c 14018,0B 6956,0c 14100,0B 7010,0c 14043,0B	1800-100	4
321	6956,0c 14100,0B 7012,3c 14237,5B 7031,0c 14441,0B 6956,0c 14612,0B 6947,9c 14731,5B	1800-200	4
322	7037,4c 14753,6B 7024,9c 14723,2B 6956,0c 14612,0B 6921,3c 14612,5B 6833,4c 14613,7B 6745,5c 14430,7B 6732,0c 14310,7B 6727,0c 14236,0B 6648,0c 14241,0B 6631,0c 14301,0B 6616,0c 14319,0B 6542,0c 14325,0B 6522,0c 14312,0B 6505,4c 14304,0B 6450,8c 14320,6B 6436,0c 14315,0B 6432,9c 14306,7B 6428,6c 14248,4B	3000-200	4

1	2	3	4
	6417,4c 14249,3B 6414,7c 14243,8B 6416,2c 14208,7B 6414,9c 14204,8B 6409,7c 14154,6B 6357,3c 14153,6B 6339,9c 14214,7B 6314,5c 14310,3B		
323	6325,8c 14035,8B 6314,5c 14310,3B 6304,7c 14520,6B 6301,2c 14556,4B 6248,0c 14811,0B	3000-1800	4
324	6432,9c 14306,7B 6425,0c 14441,4B 6349,1c 14535,4B 6309,6c 14758,8B 6248,0c 14811,0B	3000-1600	4
325	6544,9c 15053,2B 6359,1c 14909,6B 6248,0c 14811,0B	3000-1200	4
326	6621,0c 15030,0B 6544,9c 15053,2B 6530,3c 15105,3B 6451,6c 15128,7B 6430,3c 15145,4B 6350,8c 15215,4B 6255,0c 15225,0B	2400-200	4
327	6627,0c 14315,5B 6539,5c 14621,6B 6510,0c 14705,0B	2100-800	4
328	7141,7c 12854,0B 7218,9c 12834,8B 7230,5c 12826,6B 7258,9c 12236,7B 7258,1c 12142,9B 7237,4c 12154,0B	1500-200	4
329	6833,4c 14613,7B 6758,4c 14612,2B 6657,0c 14652,0B 6642,0c 14856,0B 6544,9c 15053,2B	1500-200	4
330	6621,0c 15030,0B 6741,2c 14955,3B 6818,0c 14938,0B 6909,5c 14901,9B 6940,0c 14839,0B 7021,9c 14806,7B 7037,4c 14753,6B	1500-400	4
331	6833,4c 14613,7B 6845,0c 14830,0B 6852,0c 15004,2B 6852,0c 15011,0B	1500-200	4

1	2	3	4
	6859,0c 15118,8B 6900,0c 15144,0B 6910,0c 15356,5B 6912,0c 15426,0B		
332	7037,4c 14753,6B 7047,0c 14832,8B 7053,0c 14902,0B 7030,0c 15218,0B 7010,0c 15444,0B 7006,3c 15508,9B 6954,0c 15627,0B 6930,5c 15847,0B 6906,0c 16059,0B 6844,4c 16120,2B	1500-200	4
333	6440,0c 17025,0B 6446,6c 17234,0B 6450,6c 17416,7B 6451,9c 17556,7B 6448,3c 17733,3B 6444,1c 17744,3B 6452,7c 17747,2B 6534,6c 17817,2B 6549,6c 17919,1B 6602,1c 17947,3B 6615,0c 17906,5B 6621,5c 17906,6B 6609,3c 17853,9B 6601,5c 17648,0B 6556,8c 17544,0B 6548,0c 17400,0B 6541,2c 17248,8B 6530,4c 17143,0B 6530,9c 17114,0B 6537,5c 17059,0B 6549,3c 17046,5B 6609,2c 16948,7B	1800-450	4
334	6514,3c 16032,5B 6546,2c 15851,3B 6633,0c 15928,1B 6641,3c 15934,4B 6738,4c 16229,1B 6747,8c 16341,3B 6752,5c 16418,8B 6800,8c 16442,4B 6750,8c 16608,1B 6750,3c 16707,3B 6744,0c 16723,0B 6737,2c 16726,3B 6733,7c 16732,0B 6714,9c 16756,9B	1800-600	2
335	6750,8c 16608,1B 6723,4c 16448,5B 6650,6c 16414,4B	1800-750	2

1	2	3	4
	6632,6c 16415,3B 6627,6c 16434,1B 6617,1c 16444,0B 6606,6c 16439,9B 6600,8c 16419,1B 6558,6c 16411,1B 6530,4c 16410,1B 6526,2c 16400,9B 6528,6c 16344,3B 6536,3c 16337,6B 6534,8c 16305,3B 6538,3c 16255,5B 6539,5c 16225,1B 6528,5c 16213,5B 6524,1c 16146,4B 6514,3c 16032,5B		
336	6820,6c 16133,9B 6801,7c 16214,4B 6758,3c 16226,3B 6812,4c 16332,4B 6807,0c 16409,4B 6805,3c 16448,9B 6750,8c 16608,1B 6758,2c 16623,2B 6801,7c 16659,1B 6815,2c 16814,0B 6825,4c 16814,6B 6830,0c 16815,0B 6904,8c 16920,1B 6947,0c 17035,7B 6946,3c 17318,9B 6932,1c 17556,9B 6929,7c 17611,0B 6912,7c 17747,5B 6909,8c 17843,6B 6852,1c 17922,63 6754,7c 17840,03 6702,9c 17852,73 6621,5c 17906,63 6609,3c 17853,93 6557,1c 17752,13 6532,5c 17556,43 6517,3c 17526,23 6454,3c 17442,13 6417,5c 17319,03 6422,7c 17314,83 6434,3c 17258,93 6454,7c 17230,63 6510,1c 17218,83 6528,6c 17204,43 6530,4c 17143,03 6530,9c 17114,03 6537,4c 17059,03	2400-600	2
			4

1	2	3	4
337	6956,3c 16759,4B 6947,0c 17035,7B 7005,7c 17026,2B 6958,8c 17155,7B 6957,8c 17244,1B 6946,3c 17318,9B 6952,7c 17545,9B 6948,8c 17604,1B 6941,8c 17637,1B 6935,2c 17729,3B 6924,6c 17843,9B 6913,8c 17924,1B 6852,1c 17922,6B	1800-150	4
338	6510,3c 16757,2B 6515,9c 16832,6B 6524,1c 16830,6B 6532,2c 16851,0B 6516,2c 16919,2B 6440,0c 17025,0B 6513,4c 17211,7B 6527,2c 17258,7B 6530,3c 17315,9B	1800-300	4
339	6510,3c 16757,2B 6502,0c 16839,7B 6453,5c 16922,4B 6440,0c 17025,0B	1800-300	4
	6506,8c 17217,2B 6511,9c 17239,5B 6507,3c 17247,1B		
340	6516,6c 16832,0B 6512,5c 16851,8B 6508,0c 16854,4B 6502,0c 16839,7B 6459,8c 16834,4B 6453,2c 16835,1B 6450,7c 16846,4B 6443,2c 16901,2B 6446,5c 16917,7B 6440,0c 17025,0B 6409,9c 17103,0B 6432,1c 17245,6B 6450,6c 17416,7B	1800-450	2
341	6956,3c 16759,4B 6914,0c 16816,4B 6912,1c 16843,2B 6904,8c 16920,1B 6852,5c 16925,6B 6846,2c 16947,5B 6853,9c 17042,7B 6902,6c 17059,0B 6947,0c 17035,7B	1800-150	4
342	6444,1c 17744,3B 6428,7c 17724,1B	1800-450	4

1	2	3	4
	6407,8c 17654,5B 6334,9c 17603,6B 6301,1c 17532,5B 6225,6c 17525,4B 6203,9c 17517,3B		
343	6232,5c 17703,2B 6251,8c 17702,1B 6311,9c 17731,1B 6315,0c 17730,6B 6346,7c 17726,2B 6428,7c 17724,1B 6442,9c 17727,7B	1800-450	4
344	6444,1c 17744,3B 6448,3c 17733,3B 6510,4c 17645,1B 6500,8c 17622,0B 6451,9c 17556,7B 6441,4c 17454,7B 6437,7c 17446,4B 6450,6c 17416,7B 6518,5c 17342,6B 6530,3c 17315,9B	1800-150	4
345	6530,3c 17315,9B 6514,7c 17457,6B 6500,8c 17622,0B 6448,3c 17733,3B 6444,1c 17744,3B	1500-450	4
346	6428,7c 17724,1B 6356,4c 17811,0B 6320,0c 17900,0B 6315,3c 17907,5B	1200-450	4
347	6444,1c 17744,3B 6441,4c 17742,6B 6359,4c 17826,9B 6320,0c 17900,0B 6315,3c 17907,5B 6308,4c 17903,3B 6301,2c 17917,4B	1500-450	4
348	6609,3c 17853,93 6615,0c 17906,53 6553,9c 17850,73 6531,9c 17917,93	1800-300	
349	6750,3c 17550,53 6713,6c 17609,33 6706,5c 17627,13 6646,6c 17716,43 6609,3c 17853,93 6553,9c 17850,73	1800-300	4
350	6500,8c 17552,13 6448,1c 17522,53 6445,0c 17445,23 6432,6c 17404,03 6424,7c 17356,83	1800-900	4

1	2	3	4
	6417,5c 17319,03 6422,7c 17314,83 6434,3c 17258,93 6429,1c 17251,23 6454,7c 17230,13		
351	6725,6c 17455,73 6713,6c 17609,33	1500-450	4
352	6701,9c 17258,03 6648,8c 17158,53	1500-600	4
353	6701,9c 17258,03 6657,0c 17148,03 6648,8c 17158,53 6604,5c 17158,33	1800-300	4
354	6514,3c 16032,5B 6548,0c 16137,1B 6618,4c 16236,0B 6633,0c 16304,6B 6723,4c 16448,5B 6736,1c 16534,4B 6750,8c 16608,1B	2400-750	2
355	6514,3c 16032,5B 6524,1c 16146,4B 6542,2c 16151,0B 6618,4c 16236,0B 6633,0c 16319,9B 6650,6c 16414,4B	2400-900	4
356	6534,6 17817,2B 6558,6c 17836,7B 6614,6c 17850,0B 6632,0c 17859,8B 6648,3c 17927,5B 6701,1 17931,3B 6722,9c 17938,1B 6730,5c 17951,8B 6754,5c 17951,23 6807,4c 17922,63 6852,1c 17922,63		
357	5025,5c 12724,7B 5015,0c 12747,0B 5008,2c 12804,0B 4947,5c 12924,0B 4949,0c 12953,0B 5016,3c 13018,2B	900-450	2
358	4947,5c 12924,0B 5017,4c 12746,3B 5025,5c 12724,7B	600-450	2
359	5025,5c 12724,7B 5038,0c 12802,0B	600-450	2
360	5038,0c 12802,0B 5053,0c 12830,0B 5229,0c 13053,0B	1200-450	2
361	5304,7c 13257,9B 5257,0c 13223,0B	2100-1050	2

1	2	3	4
	5248,0c 13144,0B 5234,5c 13106,8B 5229,0c 13053,0B		
362	5257,0c 13223,0B 5253,4c 13225,7B 5246,0c 13232,4B 5235,9c 13249,7B 5230,4c 13308,8B 5215,6c 13359,3B	2400-1050	2
363	5358,0c 12157,0B 5358,2c 12159,0B 5407,0c 12335,0B 5328,0c 12548,0B 5243,1c 12625,5B 5151,2c 12707,0B 5119,2c 12740,2B 5038,0c 12802,0B 4947,5c 12924,0B 4926,0c 13004,0B 4900,3c 13103,2B 4900,0c 13227,5B 4845,6c 13345,9B 4840,4c 13412,9B 4835,6c 13436,5B 4833,1c 13458,9B 4831,3c 13509,3B 4835,9c 13510,5B 4850,7c 13536,0B 4914,6c 13613,5B 4927,0c 13634,1B 4940,3c 13656,4B 4952,9c 13707,3B 5011,2c 13723,4B 5056,0c 13811,0B 5120,0c 13914,8B 5143,3c 14013,0B 5212,2c 14127,0B 5212,0c 14140,0B 5243,0c 14149,2B 5303,5c 14228,5B	2100-300	2
		2100-300	4
364	4926,0c 13004,0B 5002,0c 13209,0B 5059,0c 13226,5B 5107,0c 13257,0B 5121,1c 13225,6B 5131,4c 13131,2B 5141,5c 13106,0B 5203,5c 13059,0B 5229,0c 13053,0B	1800-450	2
365	5358,0c 12157,0B 5358,9c 12159,2B 5452,0c 12422,0B 5517,0c 12447,0B	1800-450	2

1	2	3	4
	5458,3c 12515,2B 5401,3c 12637,7B 5341,5c 12705,3B 5319,9c 12718,0B 5314,0c 12721,3B 5249,5c 12735,3B 5200,0c 12740,0B 5149,0c 12748,0B 5119,2c 12740,2B		
366	5517,0c 12447,0B 5454,5c 12444,5B 5408,0c 12439,0B 5328,0c 12548,0B 5250,9c 12636,9B 5200,0c 12740,0B 5149,0c 12748,0B 5140,0c 12754,5B 5127,0c 12804,0B	2100-450	2
367	5443,0c 12853,0B 5357,0c 12904,0B 5324,3c 12840,8B 5301,0c 12840,0B 5224,3c 12806,7B 5200,0c 12740,0B	1800-600	2
368	5357,0c 12904,0B 5258,6c 12932,5B 5247,0c 12938,0B	1800-1050	2
369	5327,4c 12737,2B 5323,5c 12752,6B 5324,3c 12840,8B	900-450	2
370	5341,5c 12705,3B 5327,4c 12737,2B 5301,0c 12840,0B 5247,0c 12938,0B 5229,0c 13053,0B	1800-600	2
371	5341,5c 12705,3B 5401,0c 12717,0B 5422,0c 12729,0B 5432,8c 12721,5B 5438,0c 12751,0B 5439,2c 12827,3B 5443,0c 12853,0B 5411,6c 12757,6B 5358,9c 12728,6B	1800-600	2
372	5506,0c 12647,0B 5451,0c 12702,5B 5432,8c 12721,5B	1200-750	2
373	5439,2c 12827,3B 5538,0c 12919,2B 5553,0c 12937,0B 5615,0c 12943,0B 5610,0c 13103,0B	2400-1650	2
374	5328,0c 12548,0B	1800-600	2

1	2	3	4
	5335,3c 12629,0B 5341,5c 12705,3B 5358,9c 12728,6B 5422,0c 12729,0B		
375	5517,0c 12447,0B 5514,0c 12526,5B 5506,0c 12647,0B 5447,0c 12756,0B 5439,2c 12827,3B	1500-600	2
376	5514,0c 12526,5B 5500,8c 12559,8B 5443,0c 12643,7B 5432,8c 12721,5B	1500-750	2
377	5053,0c 12830,0B 5140,0c 12856,0B	900-450	2
378	5140,0c 12856,0B 5301,0c 12840,0B	900-450	2
379	5140,0c 12856,0B 5141,5c 13106,0B	1500-1350	2
380	5407,0c 12335,0B 5408,0c 12439,0B 5347,6c 12633,1B 5341,5c 12705,3B	1800-900	2
381	4926,0c 13004,0B 4948,0c 12953,0B 5002,0c 13209,0B	1500-450	2
382	5441,7c 13517,0B 5356,3c 13633,0B 5346,4c 13649,1B 5335,1c 13711,8B 5320,0c 13940,0B 5309,0c 14038,2B 5320,4c 14049,2B 5325,4c 14054,1B 5310,1c 14126,0B 5316,0c 14147,5B 5323,1c 14220,6B 5331,0c 14252,9B 5259,5c 14257,0B 5246,4c 14259,2B 5233,1c 14301,4B 5220,5c 14303,5B 5213,6c 14300,5B 5147,0c 14308,5B 5144,0c 14319,0B 5130,0c 14323,8B 5127,0c 14325,0B 5107,0c 14333,4B 5038,9c 14342,0B 5022,5c 14345,4B 5000,8c 14359,6B 4930,5c 14414,0B 4922,7c 14414,6B	2100-150	4

1	2	3	4
	4851,7c 14441,2B 4838,6c 14444,5B 4916,5c 14358,9B 4918,8c 14327,0B 4913,1c 14305,6B 4916,6c 14252,2B 4913,0c 14222,0B 4911,0c 14205,0B 4938,0c 14217,1B 5040,0c 14246,0B 5008,7c 14253,0B		
383	5317,9c 14127,3B 5310,1c 14126,0B 5258,6c 14103,5B	1500-300	4
384	5309,0c 14038,2B 5321,5c 14027,0B 5356,3c 13954,9B 5400,0c 13945,0B 5343,8c 13931,4B 5321,6c 14014,5B 5309,0c 14038,2B	2100-900	4
385	5303,5c 14228,5B 5308,0c 14210,0B 5316,0c 14147,0B 5302,9c 14155,6B	600-150	4
386	5331,0c 14252,9B 5319,7c 14231,5B 5308,0c 14210,0B 5302,9c 14155,6B 5243,0c 14149,2B	600-150	4
387	5333,0c 14303,6B 5331,0c 14252,9B 5335,0c 14230,7B 5324,5c 14150,7B 5316,0c 14147,5B	600-150	4
388	5341,0c 14259,0B 5333,0c 14303,6B 5327,0c 14308,0B	600-150	4
389	5212,0c 14140,0B 5156,1c 14146,4B 5145,6c 14150,6B 5135,0c 14155,0B 5119,0c 14210,8B 5053,6c 14207,3B 5033,8c 14203,0B 4938,0c 14209,5B 4911,0c 14205,0B 4847,0c 14151,0B 4759,0c 14212,6B 4737,3c 14157,8B 4718,0c 14158,0B 4702,5c 14202,0B 4640,5c 14151,5B	1500-150	4

1	2	3	4
	4634,1c 14149,3B 4602,6c 14155,0B 4553,8c 14204,8B		
390	5303,5c 14228,5B 5259,5c 14257,0B 5257,3c 14316,7B 5250,8c 14318,4B 5244,7c 14316,0B 5240,0c 14318,4B	900-150	4
391	5220,5c 14303,5B 5222,0c 14311,7B 5224,7c 14323,6B 5243,2c 14334,0B 5244,7c 14316,0B	900-150	4
392	5127,0c 14325,0B 5112,9c 14303,9B 5112,0c 14302,5B 5051,0c 14239,0B	2400-600	4
393	5419,2c 14236,8B 5331,0c 14252,9B 5303,5c 14228,5B 5233,0c 14234,5B 5148,3c 14234,0B 5132,0c 14245,0B 5116,8c 14241,4B 5102,1c 14238,0B 5051,0c 14239,0B 5040,0c 14246,0B 5011,5c 14241,0B 4944,5c 14250,5B 4913,1c 14305,6B 4906,5c 14257,4B 4853,8c 14258,6B 4837,5c 14247,0B 4751,0c 14231,0B 4730,0c 14240,0B 4716,0c 14246,0B 4653,3c 14243,0B 4642,6c 14231,8B 4601,0c 14210,4B 4553,8c 14204,8B	2100-150	4
394	4724,5c 14248,0B 4716,0c 14246,0B	1500-450	4
395	5000,8c 14359,6B 4958,0c 14316,0B 5008,7c 14253,0B 4953,0c 14256,8B 4944,5c 14258,2B 4922,0c 14310,5B 4913,1c 14305,6B	2100-150	4
396	4928,0c 14341,2B 4916,5c 14358,9B 4922,7c 14414,6B	1500-450	4

1	2	3	4
397	4640,5c 14151,5b 4642,6c 14231,8b	1500-900	4
398	4601,2c 14324,7b 4622,9c 14336,7b 4637,4c 14331,0b 4650,7c 14325,8b 4651,8c 14309,3b	1800-300	4
399	4702,5c 14202,0b 4653,3c 14243,0b 4644,3c 14309,3b 4637,4c 14331,0b	1800-900	4
400	4702,5c 14202,0b 4642,6c 14231,8b 4637,2c 14245,4b 4644,3c 14309,3b 4650,7c 14325,8b	1800-150	4
401	4730,0c 14240,0b 4724,5c 14248,0b 4721,1c 14256,4b 4715,1c 14301,2b 4651,8c 14309,3b 4644,3c 14309,3b 4636,4c 14308,0b 4635,9c 14304,4b	1800-150	4
402	5243,0c 14149,2b 5233,0c 14234,5b 5220,5c 14303,5b 5233,2c 14310,0b 5244,7c 14316,0b 5246,4c 14259,2b 5257,3c 14316,7b 5331,0c 14252,9b 5418,4c 14215,6b 5419,2c 14236,8b	1500-150	4
403	5212,0c 14140,0b 5205,2c 14155,8b 5148,3c 14234,0b 5147,0c 14308,5b 5130,0c 14313,0b	900-300	4
404	5135,0c 14155,0b 5132,0c 14245,0b 5130,0c 14313,0b 5127,0c 14325,0b 5125,0c 14339,0b	1500-150	4
405	5151,7c 14314,3b 5144,0c 14319,0b 5125,0c 14339,0b	600-150	4
406	5130,0c 14323,8b 5125,0c 14339,0b	600-150	4
407	5256,0c 14329,9b 5250,8c 14318,4 5246,4c 14259,2b 5233,0c 14234,5b	900-150	4

1	2		3	4
	5213,6c	14300,5B		
408	5419,2c	14236,8B	1500-150	4
	5425,4c	14242,2B		
	5404,8c	14259,8B		
	5341,0c	14259,0B		
	5331,0c	14252,9B		
	5327,0c	14308,0B		
	5257,3c	14316,7B		
	5256,0c	14329,9B		
	5243,2c	14334,0B		
	5240,0c	14318,4B		
	5233,2c	14315,8B		
	5222,0c	14311,7B		
	5209,6c	14306,8B		
	5151,7c	14314,3B		
	5147,0c	14308,5B		
	5132,0c	14245,0B		
	5122,5c	14220,0B		
	5119,0c	14210,8B		
409	5053,6c	14207,3B	2400-450	4
	5052,0c	14211,0B		
	5040,0c	14246,0B		
	5022,5c	14345,4B		
	4958,0c	14316,0B		
	4953,0c	14256,8B		
	4944,5c	14250,5B		
	4916,6c	14252,2B		
	4906,5c	14257,4B		
410	5052,0c	14211,0B	2100-750	4
	5032,3c	14211,0B		
	5033,8c	14203,0B		
411	4944,5c	14250,5B	1800-450	4
	4944,5c	14258,2B		
	4928,0c	14341,2B		
	4930,5c	14414,0B		
	4916,5c	14358,9B		
412	4759,0c	14212,6B	1500-750	4
	4751,0c	14231,0B		
413	4718,0c	14158,0B	1800-150	4
	4653,3c	14243,0B		
	4637,2c	14245,4B		
	4635,9c	14304,4B		
	4621,6c	14321,5B		
	4601,2c	14324,7B		
414	5738,5c	13609,7B	2400-450	4
	5730,6c	13556,6B		
	5705,6c	13542,3B		
	5620,0c	13517,2B		
	5553,9c	13515,5B		
	5459,2c	13512,1B		
	5453,8c	13511,8B		
	5452,1c	13511,7B		
	5441,7c	13517,0B		

1	2	3	4
	5341,2c 13549,7B 5339,3c 13550,7B 5226,5c 13629,0B 5215,4c 13620,0B 5128,9c 13625,4B 5115,7c 13634,7B 5040,0c 13646,4B 5018,7c 13640,9B 4952,9c 13640,1B 4916,6c 13604,1B 4850,4c 13530,2B 4836,9c 13507,3B 4831,3c 13509,3B 4830,5c 13459,8B 4821,3c 13459,1B 4817,7c 13505,5B 4807,9c 13524,4B 4746,5c 13537,3B 4648,9c 13451,8B 4633,8c 13440,3B 4606,9c 13436,5B 4551,0c 13430,0B 4524,4c 13418,1B 4445,3c 13336,3B 4412,0c 13307,0B 4348,8c 13231,8B 4337,8c 13210,0B 4327,1c 13209,2B 4323,9c 13208,8B 4322,0c 13208,0B 4312,6c 13156,5B	2100-150	2
415	5452,1c 13511,7B 5453,0c 13513,0B 5501,1c 13524,5B 5504,6c 13524,6B 5553,4c 13526,4B 5619,6c 13527,4B 5705,0c 13551,4B 5738,5c 13609,7B	2100-600	4
416	5309,0c 14038,2B 5321,6c 13950,0B 5334,1c 13817,7B 5346,4c 13649,1B 5357,6c 13634,4B 5431,9c 13548,5B 5441,7c 13517,0B 5430,1c 13420,3B	2100-600	4
417	4836,0c 14011,0B 4906,6c 13900,2B 4909,9c 13852,3B 4915,5c 13800,5B 4919,4c 13704,6B 4927,0c 13634,1B	2400-300	2

1	2	3	4
	4951,2c 13645,3B 5019,9c 13646,1B 5040,0c 13651,1B 5112,1c 13640,2B 5133,0c 13630,0 5158,0c 13631,0B 5226,5c 13629,0B 5319,9c 13642,2B 5346,4c 13649,1B	2100-1050	4
418	5346,4c 13649,1B 5326,7c 13633,1B 5310,8c 13620,5B 5226,5c 13629,0B	2100-600	4
419	5309,0c 14038,2B 5258,6c 14103,5B 5237,0c 14107,0B 5221,9c 14109,5B 5212,2c 14127,0B 5159,9c 14113,2B 5129,1c 14049,3B 5128,2c 14046,1B 5143,3c 14013,0B 5133,8c 13930,0B 5114,9c 13845,7B 5056,0c 13811,0B 5015,0c 13723,0B 4952,2c 13659,5B 4927,0c 13634,1B 4916,6c 13604,1B	1800-450 1800-600 1800-150 1800-900 2100-300	2 4 2 4 2
420	5205,5c 14012,0B 5143,3c 14013,0B	1800-450	2
421	5212,2c 14127,0B 5223,5c 14111,8B 5238,9c 14112,1B 5251,5c 14112,3B 5258,6c 14103,5B	1800-450	2
422	5305,7c 14011,4B 5251,1c 14000,0 5233,6c 14016,6B 5222,7c 14026,8B 5205,5c 14012,0B 5133,8c 13930,0B 5120,0c 13914,8B 5114,9c 13845,7B	1800-450	2
423	5143,3c 14013,0B 5205,3c 14020,6B 5222,7c 14026,8B 5233,0c 14019,3B 5245,9c 14009,9B 5305,7c 14011,4B 5311,6c 13952,7B 5303,3c 13912,1B 5258,5c 13849,0B	2400-350	2

1	2	3	4
	5242,0c 13732,0B 5226,5c 13629,0B 5218,0c 13550,3B 5217,6c 13522,2B 5215,6c 13359,3B 5232,9c 13310,4B 5237,6c 13256,8B 5246,0c 13232,4B		
424	5226,5c 13629,0B 5226,2c 13645,0B 5237,4c 13734,3B 5247,9c 13821,9B 5258,5c 13849,0B 5302,2c 13912,8B 5307,8c 13950,1B 5305,7c 14011,4B	2400-300	2
425	5335,1c 13711,8B 5313,3c 13810,4B 5258,5c 13849,0B 5255,4c 13906,3B 5241,4c 13925,3B 5307,8c 13950,1B	2100-600	4
426	5309,0c 14038,2B 5305,7c 14011,4B 5257,0c 13954,7B 5241,4c 13925,3B 5258,5c 13849,0B	1800-450	4
427	5311,6c 13952,7B 5307,8c 13950,1B 5256,0c 13945,2B 5252,2c 13956,8B 5251,1c 14000,0B	1500-450	4
428	5212,2c 14127,0B 5218,2c 14053,1B 5222,7c 14026,8B	1500-750	4
429	5143,3c 14013,0B 5137,7c 14042,8B 5129,1c 14049,3B 5125,5c 14053,3B	1350-150	2
430	5128,2c 14046,1B	900-150	4
	5125,5c 14053,3B	900-150	2
	5153,1c 14137,9B		
	5152,6c 14142,7B		
	5148,3c 14234,0B 5135,0c 14155,0B	900-450	4
431	5153,1c 14137,9B 5212,0c 14140,0B	900-150	2
432	5133,0c 13630,0B 5218,0c 13550,3B 5128,9c 13625,4B	1500-750	2
433	5015,0c 13723,0B 4951,5c 13650,7B 4916,6c 13604,1B	900-300	2

1	2	3	4
434	4914,6c 13613,5B 4951,2c 13645,3B 5013,2c 13655,1B 5018,0c 13704,0B 5040,0c 13651,1B	1500-150	2
435	5040,0c 13656,4B 5024,5c 13656,0B 4952,9c 13640,1B	1500-300	2
436	5024,5c 13656,0B 5011,2c 13723,4B 5016,0c 13755,0B	1800-300	2
437	4739,3c 13910,7B 4759,5c 13931,6B 4823,3c 13957,4B 4836,0c 14011,0B 4855,5c 14002,1B 4911,5c 14020,1B 4918,2c 14023,8B 4933,9c 14032,5B 4947,0c 14031,2B 5016,0c 13755,0B 5015,0c 13723,0B 5024,5c 13656,0B	2100-300	2
438	5215,6c 13359,3B 5209,6c 13344,6B 5138,1c 13315,5B 5107,0c 13257,0B 5011,3c 13307,3B 4913,0c 13329,0B 4850,0c 13419,0B 4843,0c 13439,9B 4834,6c 13500,0B 4831,3c 13509,3B	2400-150	2
439	4746,5c 13537,3B 4806,8c 13532,2B 4811,6c 13525,1B 4821,4c 13505,3B 4829,5c 13502,2B 4831,3c 13509,3B 4830,5c 13459,9B 4834,0c 13435,0B 4850,0c 13419,0B 4856,0c 13416,0B 4913,0c 13329,0B 5008,5c 13314,4B 5107,0c 13257,0B 5138,4c 13318,1B 5209,6c 13344,6B	2100-150	2
440	4843,0c 13439,9B 4840,4c 13412,9B	600-150	2
441	4835,0c 13302,0B 4837,6c 13325,5B 4837,2c 13351,4B	600-300	2

1	2	3	4
	4835,6c 13436,5B		
442	4827,8c 13303,4B 4835,5c 13337,6B 4837,2c 13351,4B	1200-300	2
443	4807,9c 13524,4B 4805,9c 13542,0B 4812,1c 13606,6B 4811,6c 13525,1B	900-450	2
444	4850,0c 13419,0B 4903,0c 13418,0B 4913,0c 13329,0B 4859,6c 13325,5B 4843,8c 13306,5B 4835,0c 13302,0B 4827,8c 13303,4B 4804,6c 13154,0B 4749,7c 13113,9B 4742,3c 13105,4B	1800-300	2
445	4834,0c 13435,0B 4835,5c 13337,6B 4835,0c 13302,0B	600-300	2
446	4834,0c 13435,0B 4840,4c 13412,9B 4851,3c 13344,4B 4859,6c 13325,5B	1500-300	2
447	4850,0c 13419,0B 4851,3c 13344,4B	600-300	2
448	4900,0c 13227,5B 4843,8c 13306,5B	1500-600	2
449	4821,4c 13505,3B 4817,7c 13505,5B 4811,0c 13507,0B 4758,4c 13456,4B 4738,4c 13453,4B 4709,0c 13420,1B 4649,1c 13415,5B 4637,6c 13419,3B 4623,8c 13406,7B 4601,2c 13350,3B 4552,6c 13344,1B 4543,0c 13339,7B 4516,0c 13327,8B 4450,0c 13302,2B 4437,0c 13247,0B 4428,0c 13222,1B 4411,6c 13213,0B 4401,8c 13209,2B 4345,0c 13200,0B 4341,7c 13154,8B 4331,3c 13153,6B 4327,1c 13209,2B	1800-300	2
450	4322,0c 13208,0B	900-150	2

1	2	3	4
	4320,7c 13203,3B 4319,6c 13151,5B 4252,0c 13125,7B 4241,7c 13050,8B		
451	4327,1c 13209,2B 4337,4c 13213,5B 4348,8c 13231,8B 4350,9c 13254,4B 4353,0c 13315,0B 4405,0c 13352,1B 4412,8c 13425,0B 4414,2c 13439,1B 4416,3c 13501,7B 4423,8c 13521,8B 4424,5c 13523,7B 4434,0c 13538,0B 4507,2c 13532,1B 4526,1c 13531,1B 4546,3c 13518,7B 4552,1c 13516,2B 4604,2c 13523,0B 4634,0c 13518,0B 4640,4c 13525,9B 4649,6c 13529,3B 4706,8c 13535,9B 4722,4c 13537,1B 4746,5c 13537,3B	2100-600	2
452	4735,8c 13822,1B 4726,0c 13826,0B 4720,3c 13835,7B 4715,0c 13847,5B 4710,8c 13838,9B 4632,5c 13819,1B 4610,4c 13800,7B 4605,6c 13753,6B 4550,5c 13740,7B 4524,9c 13709,0B 4511,5c 13647,3B 4504,6c 13635,5B 4459,8c 13618,1B 4457,9c 13611,4B 4456,7c 13606,9B 4444,8c 13522,3B 4435,9c 13449,8B 4424,0c 13405,0B 4353,0c 13315,0B	2100-450	2
453	4322,0c 13208,0B 4315,0c 13220,5B 4311,1c 13247,8B 4305,2c 13311,4B 4254,1c 13342,1B 4254,2c 13354,6B 4307,3c 13417,4B	1950-600	2

1	2	3	4
	4318,3c 13436,1B 4345,0c 13518,0B 4352,3c 13514,7B 4401,2c 13509,7B 4416,3c 13501,7B 4420,6c 13439,8B 4422,0c 13432,5B 4424,0c 13405,0B 4445,3c 13336,3B 4505,5c 13330,0B 4516,0c 13327,8B		
454	4424,7c 13117,1B 4423,7c 13123,6B 4445,1c 13201,5B 4428,0c 13222,1B	900-300	2
455	4437,0c 13247,0B 4429,1c 13257,5B 4412,0c 13307,0B 4408,5c 13316,2B 4405,0c 13352,1B 4424,0c 13405,0B	1650-600	2
456	4412,0c 13307,0B 4357,5c 13302,2B 4353,0c 13315,0B 4347,0c 13350,5B	2100-900	2
457	4348,8c 13231,8B 4357,5c 13302,2B 4408,5c 13316,2B	1800-600	2
458	4327,1c 13209,2B 4333,2c 13155,6B 4341,7c 13154,8B	750-450	2
459	4333,2c 13155,6B 4345,0c 13200,0B 4348,8c 13231,8B	1350-450	2
460	4357,5c 13302,2B 4350,9c 13254,4B	1800-1050	2
461	4401,8c 13209,2B 4401,1c 13213,7B 4405,0c 13223,5B 4410,0c 13244,7B 4412,0c 13307,0B 4426,0c 13333,8B 4445,3c 13336,3B 4524,4c 13418,1B 4555,0c 13452,0B	1950-600	2
462	4337,4c 13213,5B 4345,0c 13200,0B	1500-900	2
463	4345,0c 13200,0B 4337,8c 13210,0B	750	2
464	4410,0c 13244,7B 4345,0c 13200,0B 4331,3c 13153,6B 4319,6c 13151,5B	900-300	2

1	2	3	4
465	4315,0c 13220,5B 4317,4c 13227,2B 4319,8c 13321,3B 4329,3c 13339,2B 4347,0c 13350,5B 4358,5c 13440,7B 4403,8c 13447,0B 4416,3c 13501,7B	1950-750	2
466	4347,0c 13350,5B 4319,8c 13321,3B 4311,7c 13304,0B 4311,1c 13247,8B 4317,4c 13227,2B	1950-900	2
467	4311,7c 13304,0B 4305,2c 13311,4B 4303,5c 13333,0B 4254,1B 13342,1B 4323,0c 13354,1B 4317,6c 13413,9B 4318,3c 13436,1B	1950-900	2
468	4318,3c 13436,1B 4323,0c 13354,1B 4319,8c 13321,3B	1950-1200	2
469	4254,1B 13342,1B 4255,5c 13320,3B 4305,2c 13311,4B	1800-1050	2
470	4329,3c 13339,2B 4323,0c 13354,1B	1950-1200	2
471	4307,3c 13417,4B 4317,6c 13413,9B	1950-900	2
472	4450,0c 13302,2B 4505,5c 13330,0B 4524,4c 13418,1B 4526,1c 13531,1B 4542,8c 13614,0B 4547,1c 13614,6B 4557,7c 13629,0B 4633,0c 13656,0B 4709,0c 13732,0B 4710,8c 13838,9B	2100-450	2
473	4552,6c 13344,1B 4552,3c 13354,4B 4551,0c 13430,0B 4555,0c 13452,0B 4604,2c 13523,0B 4616,7B 13626,1B 4633,0c 13656,0B 4710,8c 13838,9B 4726,0c 13826,0B	2400-450	2
474	4505,5c 13330,0B 4542,7c 13406,2B 4633,8c 13440,3B 4649,5c 13456,6B	1950-600	2

1	2		3	4
	4746,5c	13537,3B		
475	4552,6c 4554,8c 4559,7c 4606,9c 4634,0c	13344,1B 13355,6B 13421,7B 13436,5B 13518,0B	1950-450	2
476	4623,8c 4606,9c 4555,0c 4526,1c 4510,9c 4504,6c	13406,7B 13436,5B 13452,0B 13531,1B 13605,1B 13635,5B	2400-750	2
477	4559,7c 4551,0c	13421,7B 13430,0B	1200-450	2
478	4623,8c 4633,8c 4634,0c 4555,0c 4552,1c	13406,7B 13440,3B 13518,0B 13452,0B 13516,2B	2100-450	2
479	4434,0c 4439,3c 4443,8c 4448,9c 4455,5c 4459,0c 4504,6c 4542,8c	13538,0B 13551,9B 13604,0B 13617,5B 13629,5B 13635,8B 13635,5B 13614,0B	2100-900	2
480	4524,9c 4537,3c 4542,8c 4546,3c	13709,0B 13647,8B 13614,0B 13518,7B	2100-1200	2
481	4604,2c 4629,0c 4640,8c 4636,0c 4633,0c 4610,4c	13523,0B 13552,0B 13614,0B 13640,0B 13656,0B 13800,7B	2100-900	2
482	4640,4c 4640,8c	13525,9B 13614,0B	2100-1050	2
483	4633,0c 4632,5c	13656,0B 13819,1B	2100-16500	2
484	4715,0c 4720,6c 4739,3c	13847,5B 13852,8B 13910,7B	2100-750	2
485	4550,5c 4542,8c	13740,7B 13614,0B	2400-1800	2
486	4557,7c 4616,7c	13629,0B 13626,1B	2400-1650	2
487	5727,1c 5738,0c 5741,6c 5738,5c 5800,2c	13231,7B 13437,0B 13444,0B 13609,7B 13637,1B	2400-1050	4

1	2	3	4
	5818,0c 13709,5B 5840,6c 13730,1B 5855,3c 13933,3B 5912,1c 14203,4B 5916,0c 14242,8B		
488	5632,6c 13804,4B 5647,1c 13739,9B 5708,0c 13704,1B 5738,5c 13609,7B 5810,0c 13515,2B 5812,0c 13511,6B 5846,9c 13415,9B 5910,0c 13155,2B 5912,0c 13153,0B	2400-300	4
489	5727,1c 13231,7B 5743,2c 13328,1B 5756,4c 13421,2B 5812,0c 13511,6B 13610,7B 5824,6c 5840,6c 13730,1B 5836,4c 13751,0B 5815,9c 13804,1B 5731,1c 13909,3B 5730,5c 13916,2B 5727,0c 13931,0B 5721,3c 13929,8B 5732,6c 13806,0B	2400-750	4
490	5738,5c 13609,7B 5722,9c 13624,0B 5702,0c 13701,0B 5643,8c 13732,5B 5625,8c 13802,9B	2400-1200	4
491	5910,0c 13155,2B 5826,3c 13312,0B 5818,9c 13324,6B 5742,1c 13425,4B 5738,0c 13437,0B	2400-1050	4
492	5910,0c 13155,2B 5902,4c 13456,7B 5901,1c 13519,2B 5840,6c 13730,1B 5846,9c 13415,9B	2100-1200	4
493	5452,1c 13511,7B 5556,3c 13406,9B 5655,0c 13306,3B 5727,1c 13231,7B 5742,0c 13225,0B 5746,0c 13218,0B 5804,9c 13213,0B 5910,0c 13155,2B 5835,3c 13337,2B 5805,5c 13459,2B 5738,5c 13609,7B	2400-1050	4

1	2	3	4
	5740,0c 13658,0B 5740,7c 12728,1B 5732,6c 13806,0B 5731,1c 13909,3B		
494	5727,1c 13231,7B 5732,5c 13311,9B 5735,3c 13325,6B 5737,3c 13343,9B 5742,1c 13425,4B 5741,6c 13444,0B 58002,c 13637,1B	2400-1050	4
495	5735,3c 13325,6B 5743,2c 13328,1B 5809,5c 13347,5B 5846,9c 13415,9B 5901,1c 13519,2B	2400-1050	4
496	5619,6c 13527,4B 5620,0c 13517,2B 5700,9c 13338,6B 5727,1c 13231,7B 5737,0c 13202,0B 5742,0c 13225,0B 5743,2c 13328,1B 5742,1c 13425,4B	2400-1200	4
497	5738,5c 13609,7B 5742,1c 13655,8B 5744,7c 13732,5B 5756,0c 13907,6B 5811,1c 13933,7B 5826,3c 14000,5B 5850,3c 14151,2B	2400-1200	4
498	5924,1c 14303,1B 5934,9c 14255,9B 5953,1c 14233,0B 6004,0c 14219,0B 6043,2c 14245,8B 6038,1c 14118,5B	2400-450	4
499	6038,1c 14118,5B 6004,0c 14219,0B 5952,6c 14231,0B 5933,2c 14251,2B 5924,1c 14303,1B	2400-300	4
500	5924,1c 14440,0B 5927,8c 14407,2B 5933,0c 14317,0B 5924,1c 14303,1B	1500-450	4
501	5025,5c 12724,7B 5054,9c 12733,1B 5119,2c 12740,2B 5122,1c 12746,6B 5127,0c 12804,0B 5132,0c 12823,0B 5140,0c 12856,0B	2100-450	2

1	2	3	4
	5229,0c 13053,0B 5233,2c 13108,4B 5253,4c 13225,7B 5257,5c 13243,5B 5304,7c 13257,9B 5327,0c 13319,0B 5410,0c 13400,4B 5430,1c 13420,3B 5452,1c 13511,7B 5452,9c 13513,2B 5506,0c 13539,0B 5538,6c 13645,0B 5607,6c 13734,0B 5625,8c 13802,9B 5632,6c 13804,4B 5646,8c 13828,5B 5721,3c 13929,8B 5750,4c 14029,3B 5827,9c 14110,0B 5850,3c 14151,2B 5902,3c 14215,2B 5916,0c 14242,8B 5924,1c 14303,1B 5919,2c 14328,7B 5922,0c 14407,3B 5924,1c 14440,0B 5925,8c 14541,0B 5927,6c 14552,0B		
		2400-450	4
		2100-450	2
		2100-1200	4
502	5042,5c 15607,9B 5052,0c 15639,6B 5129,6c 15742,7B 5156,7c 15817,9B 5218,4c 15834,0B 5241,2c 15836,7B 5258,4c 15849,8B 5306,4c 15902,2B 5314,7c 15936,5B 5306,4c 16001,9B 5329,1c 15952,6B 5345,1c 15940,8B 5405,2c 15958,1B 5418,0c 16017,0B 5429,5c 16039,0B 5433,8c 16109,9B 5429,1c 16142,8B 5445,0c 16209,7B 5507,7c 16151,1B 5525,3c 16144,0B 5556,4c 16202,9B 5601,1c 16205,8B 5614,3c 16232,3B 5639,0c 16239,0B 5702,2c 16252,0B	2400-350	2

1	2	3	4
	5711,1c 16245,5B 5720,8c 16246,5B 5744,0c 16229,8B 5754,5c 16202,6B 5804,8c 16159,1B 5831,1c 16216,2B 5834,1c 16218,2B 5848,8c 16242,8B 5853,7c 16251,1B 5904,8c 16314,9B 5913,4c 16303,8B 5926,2c 16318,5B 5929,4c 16311,1B 5939,4c 16317,7B 5947,9c 16323,6B 5952,8c 16342,4B 6002,3c 16359,0B 6006,6c 16426,9B 6004,6c 16509,2B 6007,4c 16517,1B 6011,1c 16527,3B 60158c 16544,8B 6023,0c 16601,3B 6030,5c 16556,9B 6041,7c 16559,2B 6048,1c 16620,3B 6057,1c 16650,1B 6114,5c 16712,8B 6132,5c 16716,5B 6145,7c 16650,1B 6204,4c 16641,5B 6227,1c 16630,0B 6242,7c 16634,8B 6311,4c 16757,5B 6342,6c 16741,5B		
503	6023,0c 16601,3B 6026,4c 16655,3 6033,2c 16906,2B 6039,5c 16933,1B 6040,2c 17001,1B 6100,6c 17030,4B	2400-400	2
504	6023,0c 16601,3B 6049,6c 16553,1B 6229,1c 16520,2B 6225,9c 16533,6B 6227,2c 16611,3B 6227,1c 16630,0B	2400-350	2
505	5042,5c 15607,9B 5103,7c 15622,4B 5117,1c 15631,7B 5129,9c 15632,5B 5139,5c 15631,3B 5201,1c 15628,5B	2400-150	2

1	2	3	4
	5249,0c 15616,0B 5340,9c 15559,0B 5349,8c 15558,8B 5418,4c 15558,3B 5439,1c 15547,5B 5501,5c 15535,6B 5536,4c 15536,4B 5636,6c 15602,0B 5647,2c 15617,0B 5706,0c 15644,1B 5723,2c 15703,4B 5730,8c 15712,0B 5751,0c 15754,1B 5755,0c 15802,3B 5800,8c 15812,6B 5813,7c 15837,6B 5830,0c 15909,6B 5843,8c 15939,5B 5904,9c 15953,3B 5907,8c 16048,7B 5912,7c 16211,3B 5913,4c 16303,8B 5939,0c 16320,1B 6229,1c 16520,2B		
506	5258,4c 15849,8B 5301,6c 15843,5B 5304,0c 15835,2B 5310,2c 15827,1B 5315,3c 15812,5B 5315,1c 15801,6B 5305,2c 15749,6B 5311,1c 15737,2B 5312,0c 15726,9B 5328,9c 15730,5B 5328,9c 15730,5B 5347,7c 15733,5B 5401,5c 15751,2B 5427,7c 15818,8B 5440,8c 15832,8B 5507,4c 15903,3B 5536,8c 15937,9B 5552,1c 15935,1B 5603,5c 15858,2B 5600,3c 15848,6B 5556,1c 15842,5B	2400-350	2
507	5312,0c 15726,9B 5308,6c 15703,9B 5305,4c 15658,1B 5340,9c 15559,0B	2400-600	2
508	5603,5c 15858,2B 5623,0c 15856,2B 5708,5c 15845,2B 5720,1c 15851,3B	2400-300	2

1	2		3	4
	5733,9с	15858,3в		
	5747,0с	15844,0в		
508	5800,8с	15812,6в	2400-150	2
	5747,0с	15844,0в		
	5743,4с	15817,7в		
	5739,3с	15755,9в		
	5730,8с	15712,0в		
509	5552,1с	15935,1в	2400-350	2
	5605,1с	15952,5в		
	5620,6с	16018,2в		
	5618,6с	16047,9в		
	5617,0с	16129,1в		
	5615,7с	16202,4в		
	5614,3с	16232,3в		
	5614,3с	16241,2в		

¹ Географическая широта (первые две цифры означают градусы, вторые две – минуты, десятичный разряд - десятые доли минут. Буква "с" означает северную широту).

² Географическая долгота (первые три цифры означают градусы, вторые две - минуты десятичный разряд - десятые доли минут. Буквы "в" и "з" означают восточную или западную долготу).

09.09.10
BAC