

RESULTS
of the Yuri Gagarin International DX Contest 2021
г.Москва –2021

SINGLE-OP ALL HIGH

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	LZ5R	1215895 1366664	2032 2148	12535 13141	97 104	UBN	LZ5DB	
2	P3X	1094496 1189120	2005 2158	14032 14864	78 80	UBN	UT5UDX	
3	UW1M	947665 1083537	1864 2007	11149 11907	85 91	UBN	UR5MW	
4	YL7X	857248 915300	1512 1545	9968 10170	86 90	UBN	YL2LY	
5	UN9L	760449 843267	1174 1248	11021 11877	69 71	UBN		
6	OL8R	692664 772304	1428 1551	9114 9776	76 79	UBN	OK1FCJ	
7	IZ4ZZB	686244 736100	1322 1393	8268 8660	83 85	UBN		
8	UA6CC	659044 756462	1564 1606	8906 9114	74 83	UBN		
9	RM5F	606690 647568	1448 1508	8667 8994	70 72	UBN		
10	RC6U	605200 637910	1521 1563	8900 9113	68 70	UBN		
11	YU7KW	600510 626392	1205 1225	8115 8242	74 76	UBN		
12	UP0L	575575 644700	1276 1331	8855 9210	65 70	UBN	UN9LW	
13	RW3RN	555092 588966	1262 1321	7604 7959	73 74	UBN		
14	YQ6A	532047 537541	1165 1179	7941 8023	67 67	UBN	YO6BHN	
15	UR7GO	507640 567931	1201 1267	6860 7189	74 79	UBN		
16	YU7BW	477978 499052	1050 1083	7134 7339	67 68	UBN		
17	EW8DX	462197 493416	1168 1210	7577 7832	61 63	UBN		
18	EU5C	454848 488952	956 993	6592 6791	69 72	UBN	EW1I	
19	R1NW	391670 419958	897 946	7390 7777	53 54	UBN		
20	SM2M	391104 442680	1094 1136	6111 6324	64 70	UBN	SM2LIY	
21	R8OM	376860 399962	1005 1035	6281 6451	60 62	UBN		
22	AA3B	370500 410463	1041 1128	6500 6957	57 59	UBN		
23	9A2AJ	365485 386172	796 832	5455 5679	67 68	UBN		
24	SP1NY	340210 366155	802 841	5234 5465	65 67	UBN		
25	PE6Q	340144 367140	955 997	6074 6330	56 58	UBN	PA8AD	
26	MM9I	328976 360660	1004 1062	5672 6011	58 60	UBN	GM0OPS	
27	OH2KW	328320 354564	867 896	5472 5628	60 63	UBN		
28	F6IRA	313902 331100	961 994	5813 6020	54 55	UBN		
29	HA7RY	306504 321915	857 890	5676 5853	54 55	UBN		
30	DL4ME	305450 318087	883 900	6109 6237	50 51	UBN		

31	RA9SF	301548 312312	813 843	5799 6006	52 52	UBN		
32	RM9X	288200 325632	980 1049	5764 6144	50 53	UBN		
33	RC1W	283470 287925	813 828	5154 5235	55 55	UBN		
34	RK3DK	281490 312330	736 764	5118 5385	55 58	UBN		
35	SN5N	276250 286263	764 777	5525 5613	50 51	UBN	SP5KP	
36	PA5KT	268983 274398	694 708	4719 4814	57 57	UBN		
37	IK2SND	264708 277236	795 836	4902 5134	54 54	UBN		
38	DL6KVA	259600 267600	774 787	4400 4460	59 60	UBN		
39	S53F	256568 259584	751 762	4934 4992	52 52	UBN		
40	OR3A	256245 273201	681 699	4659 4793	55 57	UBN	ON6CC	
41	UT2UB	250328 275000	765 792	4814 5000	52 55	UBN		
42	UZ1U	242332 256944	785 815	5156 5353	47 48	UBN	US7UU	
43	EI5KF	242097 261716	785 845	4747 5033	51 52	UBN		
44	IK0YUT	238750 257556	791 822	4775 4953	50 52	UBN		
45	I2IFT	230544 242501	740 761	4803 4949	48 49	UBN		
46	OK3X	226854 240968	627 644	4201 4303	54 56	UBN	OK1VK	
47	R6DJM	226300 268352	749 790	4526 4792	50 56	UBN		
48	R3OM	213738 226542	751 765	4362 4442	49 51	UBN		
49	R4BZ	213231 219504	755 779	4181 4304	51 51	UBN		
50	RA3NC	212888 217100	724 737	4094 4175	52 52	UBN		
51	HG6O	212424 219950	631 650	4008 4150	53 53	UBN	HA6OA	
52	HA5OM	206172 212905	597 608	3818 3871	54 55	UBN		
53	VE3NNT	206008 249050	800 853	4682 4981	44 50	UBN		
54	OZ3SM	202702 212696	699 716	4714 4834	43 44	UBN		
55	R7RF	202356 204498	646 653	4818 4869	42 42	UBN		
56	IW3FVZ	202215 207315	613 629	3965 4065	51 51	UBN		
57	RO9A	201068 206701	785 811	4676 4807	43 43	UBN		
58	RA7A	194740 223590	794 819	3745 3855	52 58	UBN		
59	I2WIJ	193200 199776	588 611	4025 4162	48 48	UBN		
60	SM0HRP	190828 234800	683 746	4337 4696	44 50	UBN		
61	NA8V	180336 224344	583 651	3468 3868	52 58	UBN		
62	UA6AA	178896 181680	674 685	3727 3785	48 48	UBN		
63	OK5MM	176112 195800	567 612	3669 3916	48 50	UBN		
64	LY2F	176106 184814	586 607	4193 4298	42 43	UBN		
65	UC0A	164561 167915	706 720	3827 3905	43 43	UBN		

66	RC9J	164328 174619	675 715	4008 4259	41 41	UBN	R9JR	
67	SE5E	158541 163013	588 605	3687 3791	43 43	UBN	SM5AJV	
68	PA3AAV	154000 175824	672 706	3500 3663	44 48	UBN		
69	NP2X	146902 187208	415 479	2998 3343	49 56	UBN	K9VV	
70	R5AK	146853 148444	697 704	3969 4012	37 37	UBN		
71	OR5T	142835 147096	392 400	2695 2724	53 54	UBN	ON4ALY	
72	UT1QQ	140265 150588	442 459	3117 3204	45 47	UBN		
73	UA4CC	138160 150282	533 558	3140 3267	44 46	UBN		
74	UP5B	137826 148297	640 656	3534 3617	39 41	UBN	UN7ZO	
75	OK6DJ	133614 144080	550 581	3426 3602	39 40	UBN	OK1FJD	
76	LZ3R	130906 131979	527 532	3538 3567	37 37	UBN	LZ1ZJ	
77	DF5EG	130545 143162	483 506	2901 3046	45 47	UBN		
78	G4PIQ	129989 140625	480 501	3023 3125	43 45	UBN		
79	IZ8VYU	124782 131236	446 457	2971 3052	42 43	UBN		
80	YO7CW	119868 131076	466 485	2854 2979	42 44	UBN		
81	4Z5ML	118404 120783	547 560	3036 3097	39 39	UBN		
82	US7IA	118036 119232	396 400	2566 2592	46 46	UBN		
83	DD2AW	116585 118895	547 563	3331 3397	35 35	UBN		
84	R3LB	113220 132426	555 575	3060 3153	37 42	UBN		
85	LA0CX	110409 112437	470 482	2831 2883	39 39	UBN		
86	YU1KT	110336 115616	483 506	3448 3613	32 32	UBN		
87	MM3N	106960 108640	495 503	3056 3104	35 35	UBN	GM4SID	
88	SQ8LUU	106410 111450	464 487	3547 3715	30 30	UBN		
89	LB4UH	105376 118408	391 444	2848 3116	37 38	UBN	SP2ASJ	
90	LA8HGA	104303 107189	434 445	2819 2897	37 37	UBN		
91	R2GDG	96845 102620	483 510	2767 2932	35 35	UBN		
92	LA7GIA	95090 108400	426 453	2570 2710	37 40	UBN		
93	ON4TTT	94979 98013	396 410	2567 2649	37 37	UBN		
94	LA8OM	93504 105840	414 429	2922 3024	32 35	UBN		
95	DL6AG	92952 93060	439 440	2582 2585	36 36	UBN		
96	DL1NKS	90965 115333	363 392	2599 2813	35 41	UBN		
97	R5QQ	88660 94365	385 401	2015 2097	44 45	UBN		
98	S53V	84768 91377	400 421	2649 2769	32 33	UBN		
99	PA5WT	84276 87012	376 388	2341 2417	36 36	UBN		
100	IV3DXW	81807 87020	333 346	2211 2290	37 38	UBN		

101	R4SO	80342 85476	393 419	2363 2514	34 34	UBN		
102	N4BP	78870 99160	457 520	2390 2680	33 37	UBN		
103	OM3RM	77832 82150	442 448	3243 3286	24 25	UBN		
104	VE9HF	77626 90840	325 350	2098 2271	37 40	UBN		
105	RA9V	75240 86065	462 500	2280 2459	33 35	UBN		
106	SD1A	75174 80010	399 412	2211 2286	34 35	UBN	SM1TDE	
107	EW4A	75130 76582	407 414	3415 3481	22 22	UBN		
108	UA9CTT	73296 78050	568 581	3054 3122	24 25	UBN		
109	RV7C	70219 72670	293 302	1633 1690	43 43	UBN		
110	HA3NU	69762 79994	316 331	2114 2162	33 37	UBN		
111	UA3QGT	69696 75375	285 302	1584 1675	44 45	UBN		
112	N4AF	66132 70524	328 355	1837 1959	36 36	UBN		
113	M1X	64790 67744	317 321	2090 2117	31 32	UBN	G0CKP	
114	K3ZO	61083 64668	325 335	1851 1902	33 34	UBN		
115	E74X	60523 62553	304 315	2087 2157	29 29	UBN		
116	K1S	57063 69775	446 497	2481 2791	23 25	UBN	NU3C	
117	PA4O	56295 57591	362 372	2085 2133	27 27	UBN		
118	R3QQ	55624 64620	278 302	1636 1795	34 36	UBN		
119	OK1TC	55224 63492	288 308	2301 2442	24 26	UBN		
120	UA9FGJ	55050 57815	325 329	1835 1865	30 31	UBN		
121	DC3CC	54978 57519	296 309	1666 1743	33 33	UBN		
122	G3XTT	53724 54912	343 353	2442 2496	22 22	UBN		
123	UA9BA	53520 56070	357 373	1784 1869	30 30	UBN		
124	I3FIY	52731 54498	341 354	1701 1758	31 31	UBN		
125	IK6QON	51950 58630	451 487	2078 2255	25 26	UBN		
126	R0RT	50848 58500	386 416	1816 1950	28 30	UBN		
127	F6AUS	49200 54161	304 320	1230 1321	40 41	UBN		
128	DF8V	48995 56532	238 266	1195 1346	41 42	UBN	DF8VO	
129	LC0X	48312 50208	288 300	2013 2092	24 24	UBN		
130	RW1A	47525 49972	264 267	1901 1922	25 26	UBN		
131	R7TW	47412 49210	269 272	1317 1330	36 37	UBN		
132	UR5FS	47241 50640	302 313	1629 1688	29 30	UBN		
133	UX8IX	47125 49358	319 333	1625 1702	29 29	UBN		
134	UA3UBT	46880 50655	288 300	1465 1535	32 33	UBN		
135	F8KGW	43860 48267	286 306	1462 1557	30 31	UBN	F5SDH	

136	KR2AA	43692 45243	201 208	1324 1371	33 33	UBN		
137	PA0CT	42952 43456	303 307	1534 1552	28 28	UBN		
138	R40F	42700 48450	319 335	1525 1615	28 30	UBN		
139	R1ND	42532 45472	233 245	1519 1568	28 29	UBN		
140	DL5YM	42120 45167	311 322	1404 1457	30 31	UBN		
141	SE0P	42016 45936	189 201	1313 1392	32 33	UBN	SA0BYP	
142	UA6HLN	41340 42198	323 329	1590 1623	26 26	UBN		
143	EA7A	41104 46170	456 475	1468 1539	28 30	UBN		
144	DF6RI	39950 42595	168 175	1175 1217	34 35	UBN		
145	K4RUM	39540 41416	208 213	1318 1336	30 31	UBN		
146	SC0T	37242 38052	278 285	2069 2114	18 18	UBN	SA0BVX	
147	N5RZ	36680 39564	222 236	1048 1099	35 36	UBN		
148	RL4F	36608 38478	297 303	1144 1166	32 33	UBN		
149	RN9U	36504 39525	299 307	1521 1581	24 25	UBN		
150	PA5N	36501 39672	251 260	1587 1653	23 24	UBN		
151	PA1BX	36456 38037	186 193	1176 1227	31 31	UBN		
152	K1ZZ	35211 35475	154 155	1067 1075	33 33	UBN		
153	DL8WEM	34394 34974	320 326	1186 1206	29 29	UBN		
154	EI7KD	33264 35719	296 303	1512 1553	22 23	UBN		
155	YO3XX/P	32805 34440	255 259	1215 1230	27 28	UBN	YO3XX	
156	PA3GDD	32676 34914	247 253	1556 1587	21 22	UBN		
157	DJ1YFK	32516 33110	251 255	1478 1505	22 22	UBN		
158	PC3M	31752 33600	312 331	1134 1200	28 28	UBN		
159	UA3LEO	31317 33456	198 205	949 984	33 34	UBN		
160	DL5ZL	30464 36210	184 209	952 1065	32 34	UBN		
161	EA1DAV	30387 36432	384 400	1447 1518	21 24	UBN		
162	HA5UX	29792 33600	189 204	1568 1680	19 20	UBN		
163	R8TA	29400 36423	276 305	1225 1349	24 27	UBN		
164	R9SS	27258 27874	214 218	1239 1267	22 22	UBN		
165	MM2T	27072 28224	180 190	1128 1176	24 24	UBN	GMOLIR	
166	RN2FQ	25866 25947	170 171	958 961	27 27	UBN		
167	RW1AI	23672 39144	168 222	1076 1398	22 28	UBN		
168	VE9XX	23472 35140	140 179	978 1255	24 28	UBN		
169	R1NO	23391 25369	230 251	1017 1103	23 23	UBN		
170	UB7K	22824 25475	232 247	951 1019	24 25	UBN		

171	DK0SU	22626 24668	123 128	838 881	27 28	UBN	DF7SA	
172	K8PK	22626 25144	146 158	838 898	27 28	UBN		
173	WT3K	20675 21925	142 151	827 877	25 25	UBN		
174	K2NV	20424 20976	206 212	888 912	23 23	UBN		
175	PA4T	19976 24908	164 172	908 958	22 26	UBN		
176	SD6M	19418 22113	236 245	1022 1053	19 21	UBN	SA6BGR	
177	IK4ZHH	19248 20750	193 200	802 830	24 25	UBN		
178	VE3EJ	19008 21087	129 143	704 781	27 27	UBN		
179	GM0ELP	18309 19227	230 240	1077 1131	17 17	UBN		
180	SM5AOG	18102 29568	140 198	1293 1848	14 16	UBN		
181	G1SCT	17886 20592	143 150	813 858	22 24	UBN		
182	UA0UV	17556 19236	167 181	627 687	28 28	UBN		
183	R4CP/6	17468 22032	170 198	794 918	22 24	UBN	R7AO	
184	PE5TT	17250 18032	144 152	750 784	23 23	UBN		
185	K5ZD	17220 18992	289 299	1148 1187	15 16	UBN		
186	M2G	16542 16542	201 201	919 919	18 18	UBN	G4RCG	
187	OM3CPF	16537 18875	109 113	719 755	23 25	UBN		
188	R9TV	14909 15861	99 105	877 933	17 17	UBN		
189	OH6BA	14850 15865	130 132	825 835	18 19	UBN		
190	RG4A	14640 15834	105 108	732 754	20 21	UBN		
191	LZ1NY	14520 15224	152 159	660 692	22 22	UBN		
192	DL1BUG	14500 14680	99 100	725 734	20 20	UBN		
193	SN6A	14464 14704	121 123	904 919	16 16	UBN	SP6CES	
194	EA7GZQ	13524 14070	157 163	644 670	21 21	UBN		
195	VE3NE	13293 14259	106 115	633 679	21 21	UBN		
196	K8GL	13056 13344	131 134	544 556	24 24	UBN		
197	PE2K	12980 17089	137 157	649 743	20 23	UBN		
198	LZ2CH	12726 13041	160 164	606 621	21 21	UBN		
199	VA2WA	12438 13410	103 112	691 745	18 18	UBN		
200	IK3OII	12428 12740	79 81	478 490	26 26	UBN		
201	EA3X	11920 12304	170 175	745 769	16 16	UBN		
202	N5AW	10760 14088	101 112	538 587	20 24	UBN		
203	DG0KS	10600 10600	128 128	530 530	20 20	UBN		
204	DF4XX	10269 10731	144 151	489 511	21 21	UBN		
205	F6HDI	10260 10620	88 91	684 708	15 15	UBN		

206	PB0ACU	10186 11362	104 108	463 494	22 23	UBN		
207	RV3ZD	10080 12660	123 153	504 633	20 20	UBN		
208	RW0UM	9405 11802	134 152	495 562	19 21	UBN		
209	N9RV	8891 9673	118 127	523 569	17 17	UBN		
210	AK1MD	8547 8673	56 57	407 413	21 21	UBN		
211	NA4J	8478 9405	62 65	471 495	18 19	UBN		
212	OM3BY	7942 8250	54 56	361 375	22 22	UBN		
213	YC7YGR	6848 7956	68 73	428 468	16 17	UBN		
214	ON4CLF	6840 7505	77 79	380 395	18 19	UBN		
215	DF5DK	6536 7740	58 64	344 387	19 20	UBN		
216	RZ9A	6208 6912	67 75	388 432	16 16	UBN		
217	AB2E	6097 7530	57 62	469 502	13 15	UBN		
218	UA9XO	6075 6896	117 126	405 431	15 16	UBN		
219	N4QS	5976 7860	88 103	332 393	18 20	UBN		
220	DL7LX	5970 6656	44 46	398 416	15 16	UBN		
221	G3WZD	5882 6358	74 80	346 374	17 17	UBN		
222	K1SM	5445 6112	77 81	363 382	15 16	UBN		
223	RN3AM	5328 5616	83 87	666 702	8 8	UBN		
224	R9JBN	5150 6864	131 146	515 572	10 12	UBN		
225	VA3TNM	5140 5901	42 45	257 281	20 21	UBN		
226	K1RM	4672 5400	146 150	584 600	8 9	UBN		
227	M0HOM	4635 4875	59 62	309 325	15 15	UBN		
227	UN7FW	4635 5145	66 73	309 343	15 15	UBN		
229	F8DFP	4130 4686	131 135	413 426	10 11	UBN		
230	SE0B	4100 5368	74 90	410 488	10 11	UBN	SA0BXV	
231	AC6ZM	3836 4928	44 50	274 308	14 16	UBN		
232	PA4B	3738 3864	75 77	267 276	14 14	UBN		
233	PA5TT	3588 3588	77 77	276 276	13 13	UBN		
234	PA3GRM	3586 3696	100 103	326 336	11 11	UBN		
235	R0CAF	3556 3892	58 63	254 278	14 14	UBN		
236	VE1ANU	3366 3689	46 50	198 217	17 17	UBN		
237	LZ3ND	3341 3794	81 85	257 271	13 14	UBN		
238	N5XZ	3230 4180	86 101	323 380	10 11	UBN		
239	RY9C	3066 3696	38 40	438 462	7 8	UBN	UA8DX	
240	SM6YNO	2842 6188	29 51	203 364	14 17	UBN		

241	K5LY	2736 3942	41 53	171 219	16 18	UBN		
242	HG5DX	2520 2860	36 37	252 260	10 11	UBN		
243	UA3DSN	2483 2483	29 29	191 191	13 13	UBN		
244	ES1BH	2254 3072	21 25	161 192	14 16	UBN		
245	DF1GRA	2058 2268	29 32	147 162	14 14	UBN		
246	W4PM	2048 2184	66 71	256 273	8 8	UBN		
247	N2QV	1872 2650	24 30	208 265	9 10	UBN		
248	DG7NFX	1826 1925	43 45	166 175	11 11	UBN		
249	YO2LDU	1743 2024	31 32	249 253	7 8	UBN		
250	UA4C	1490 1490	20 20	149 149	10 10	UBN		
251	DM3XI	1210 1386	21 23	110 126	11 11	UBN		
252	PH0AS	1177 1625	21 25	107 125	11 13	UBN		
253	F6ICA	1022 1113	46 50	146 159	7 7	UBN		
254	N3RD	873 1017	27 31	97 113	9 9	UBN		
255	PE1RDP	800 830	24 25	80 83	10 10	UBN		
256	IN3NJB	624 1110	34 41	312 370	2 3	UBN		
257	OE3PKU	576 1089	16 28	72 121	8 9	UBN		
258	JF2FIU	530 600	16 18	53 60	10 10	UBN		
259	F5BTH	518 588	22 25	74 84	7 7	UBN		
260	UR4MM	465 819	11 14	93 117	5 7	UBN		
261	NN6DX	384 384	15 15	64 64	6 6	UBN		
262	DL5AVJ	295 310	12 13	59 62	5 5	UBN		
263	W6SX	255 255	17 17	51 51	5 5	UBN		
264	VK6LW	200 420	10 14	40 60	5 7	UBN		
265	RA0ACM	75 75	3 3	75 75	1 1	UBN		
266	G0IBN	20 20	3 3	10 10	2 2	UBN		
267	IW0HK	- 1190	- 43	- 170	- 7	UBN		

SINGLE-OP ALL LOW

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	R8CT	903396 928200	1274 1313	11582 11900	78 78	UBN		
2	SN70	684377 700493	1178 1203	8663 8867	79 79	UBN	SP7IVO	
3	LY8A	616704 654816	1199 1225	8448 8616	73 76	UBN		
4	TM6M	606996 658132	1266 1307	7782 8026	78 82	UBN	F6KHM	
5	RL4A	489600 521898	978 1005	6528 6691	75 78	UBN		
6	HA6NL	464555 487693	1062 1082	7147 7279	65 67	UBN		
7	OK2ZV	398757 416888	913 943	6537 6724	61 62	UBN		

8	SP7CF	381084 384912	790 797	5774 5832	66 66	UBN		
9	R7MM	374790 385440	987 1001	5766 5840	65 66	UBN		
10	UA3RBR	367500 399420	1061 1105	6125 6340	60 63	UBN		
11	UT4LW	365207 389214	899 930	5987 6178	61 63	UBN		
12	SP2R	348840 362835	874 895	6460 6597	54 55	UBN		
13	UA6GO	345180 360632	1052 1081	5753 5912	60 61	UBN		
14	SN5J	333848 341678	815 833	5756 5891	58 58	UBN	SP5JXK	
15	UA5R	333442 347923	1007 1044	5749 5897	58 59	UBN		
16	YT2RX	296001 316004	840 871	5193 5356	57 59	UBN		
17	RX9AF	289300 292688	913 924	6575 6652	44 44	UBN		
18	YO4NF	282072 298368	956 971	6132 6216	46 48	UBN		
19	OK4RQ	275770 280665	788 802	5014 5103	55 55	UBN	OK1DRQ	
20	YL2TD	267355 269830	732 739	4861 4906	55 55	UBN		
21	YU1YV	253064 257432	660 670	4519 4597	56 56	UBN		
22	EW2ES	240884 258250	694 725	4916 5165	49 50	UBN		
23	IZ8JFL	238788 272252	733 775	4422 4694	54 58	UBN		
24	SV1BJW	236496 248040	814 835	4548 4680	52 53	UBN		
25	R4FD	227211 238410	692 713	4287 4415	53 54	UBN		
26	LZ1QN	224618 226780	785 793	4883 4930	46 46	UBN		
27	UY2IG	222028 229344	727 734	4724 4778	47 48	UBN		
28	R8WO	216216 221400	788 812	6006 6150	36 36	UBN		
29	RA3AN	214140 234278	945 964	4980 5093	43 46	UBN		
30	RW3AI	207984 212304	721 737	4333 4423	48 48	UBN		
31	LY2J	203090 205850	620 630	4415 4475	46 46	UBN		
32	LY5AX	202937 211099	585 614	3829 3983	53 53	UBN		
33	UA3AP	198240 201648	731 744	4130 4201	48 48	UBN		
34	UA4AGT	195255 204838	724 741	4339 4453	45 46	UBN		
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36	RN3S	174662 180574	629 637	3797 3842	46 47	UBN		
37	RN5AA	172960 176594	686 701	3760 3839	46 46	UBN		
38	M3AWD	171800 177400	601 623	3436 3548	50 50	UBN		
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40	YL1ZF	170065 175483	564 581	3955 4081	43 43	UBN		
41	RN4SS	168630 183997	685 732	4015 4279	42 43	UBN		
42	SE4E	166100 174645	652 670	3775 3881	44 45	UBN	SM4DQE	

43	SP7LIE	165440 168119	523 532	3520 3577	47 47	UBN		
44	R3ST	163570 195054	498 563	2974 3363	55 58	UBN		
45	RK3P	161184 168636	560 573	3504 3588	46 47	UBN		
46	SM5IMO	159315 162497	600 612	3705 3779	43 43	UBN		
47	IV3FPX	156618 169400	547 566	3729 3850	42 44	UBN		
48	RA3YDA	156600 167837	591 608	3480 3571	45 47	UBN		
49	EA3FZT	155718 168168	692 733	3798 4004	41 42	UBN		
50	SF5O	155144 160064	516 531	3784 3904	41 41	UBN	SM0EOS	
51	E72U	154986 156624	559 564	3974 4016	39 39	UBN	E72WG	
52	IK8UND	152620 159053	479 490	2935 3001	52 53	UBN		
53	YO4DG	150912 163400	688 705	4192 4300	36 38	UBN		
54	RM7C	149175 156170	594 614	3315 3395	45 46	UBN		
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56	UN7LDR	148295 172494	476 545	4237 4662	35 37	UBN		
57	RT7C	147364 169412	726 770	3878 4132	38 41	UBN		
58	DK5DQ	147204 155771	455 465	3132 3179	47 49	UBN		
59	IZ4JMA	146706 149562	627 639	3493 3561	42 42	UBN		
60	EX8MJ	145296 149520	418 429	3027 3115	48 48	UBN		
61	SP4JWR	143374 151437	483 497	3773 3883	38 39	UBN		
62	SO3O	142155 148590	419 438	3159 3302	45 45	UBN		
63	IK4DCX	140859 154105	485 512	2997 3145	47 49	UBN		
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66	RT5P	136610 145938	614 639	3595 3742	38 39	UBN		
67	UA9XF	134560 142440	574 607	3364 3561	40 40	UBN		
68	RK2M	134275 135382	512 516	3275 3302	41 41	UBN		
69	SM6FPC	133440 135440	558 565	3336 3386	40 40	UBN		
70	RX3Q	131703 152502	628 674	3377 3631	39 42	UBN		
71	R7KX	128760 142422	519 545	3219 3391	40 42	UBN		
72	RZ1OK	128478 133190	595 618	3381 3505	38 38	UBN		
73	HB9BXE	128430 146784	535 573	2854 3058	45 48	UBN		
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76	UA3QAM	123210 124380	478 483	2738 2764	45 45	UBN		
77	EI8JX	122655 123474	500 504	3145 3166	39 39	UBN	DF4ZY	

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79	RN4HAB	120499 129929	543 581	2939 3169	41 41	UBN	
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81	R1QE	118599 123760	512 520	3041 3094	39 40	UBN	
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83	UC5D	114724 122160	473 481	2494 2545	46 48	UBN	
84	OK2BFN	112553 115450	326 328	2297 2309	49 50	UBN	
85	R4WR	110334 127680	446 474	2982 3192	37 40	UBN	
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88	RU9TN	109476 117914	452 462	3041 3103	36 38	UBN	
89	RV9CVA	108840 116920	381 404	2721 2923	40 40	UBN	
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91	DP5X	107379 114114	424 439	2619 2717	41 42	UBN	DL0XX
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93	EA2AZ	103680 107388	582 602	2880 2983	36 36	UBN	
94	YL2CV	102200 107871	416 427	2555 2631	40 41	UBN	
95	Z32U	101868 110987	415 431	2612 2707	39 41	UBN	
96	RA4HBS	100640 108794	451 474	2720 2863	37 38	UBN	
97	OK7CM	99712 106360	449 454	2624 2659	38 40	UBN	
98	R6CW	99600 100480	386 390	2490 2512	40 40	UBN	
99	UG4A	98400 101065	536 548	2400 2465	41 41	UBN	
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102	OE5TXF	95116 102631	462 481	3397 3539	28 29	UBN	G3TXF
103	OE1CIW	93860 99567	395 406	2470 2553	38 39	UBN	
104	OK1HEH	93310 103415	387 405	2666 2795	35 37	UBN	
105	RL9L	92715 96110	357 378	2649 2746	35 35	UBN	
106	R3VL	89873 100520	491 506	2429 2513	37 40	UBN	
107	UA4CNJ	87009 87594	353 355	2231 2246	39 39	UBN	
108	SP2ADY	84084 86424	277 285	2156 2216	39 39	UBN	
109	SM5ACQ	82212 86660	395 406	2418 2476	34 35	UBN	
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112	UT8MZ	81474 83879	360 369	2202 2267	37 37	UBN	

113	RT1I	80916 90849	391 442	2452 2753	33 33	UBN		
114	R1NI	80893 89053	313 322	1973 2071	41 43	UBN		
115	9A3MA	80036 82314	433 445	2354 2421	34 34	UBN		
116	RA3DSV	78351 83800	337 352	2009 2095	39 40	UBN		
117	SD6F	77824 78976	406 413	2432 2468	32 32	UBN	SM6JWR	
118	UR4MF	76456 79344	325 335	2012 2088	38 38	UBN		
119	RA9SN	75816 81104	341 355	2106 2192	36 37	UBN		
120	SP2HMT	73908 77292	296 310	2053 2147	36 36	UBN		
121	RA7R	71264 71978	395 400	2096 2117	34 34	UBN		
122	UA3RW	68746 74919	321 332	1858 1921	37 39	UBN		
123	RA3XCZ	67140 68256	288 293	1865 1896	36 36	UBN		
124	R2HM/6	66672 71225	387 402	1852 1925	36 37	UBN		
125	IV3UHL	66395 74232	349 375	1897 2062	35 36	UBN		
126	G3SVK	65720 77517	433 483	2120 2349	31 33	UBN		
127	OH1SIC	65421 67446	351 363	2423 2498	27 27	UBN	SM5SIC	
128	UA9SEC	63520 70884	235 255	1985 2148	32 33	UBN		
129	RN4SC	63350 65170	306 314	1810 1862	35 35	UBN		
130	DL2SWR	62322 64920	297 302	1598 1623	39 40	UBN		
131	TA2SE/3	61770 71630	351 408	2130 2470	29 29	UBN	TA2SE	
132	D1M	61287 63395	312 324	1977 2045	31 31	UBN		
133	PC1PM	60030 62700	352 366	2001 2090	30 30	UBN		
134	UT5NR	59778 63560	428 440	2214 2270	27 28	UBN		
135	DM6EE	59103 59895	263 266	1791 1815	33 33	UBN		
136	OH5TS	58835 60926	198 205	1435 1486	41 41	UBN		
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138	EW1TO	58345 60655	277 288	1667 1733	35 35	UBN		
139	OZ1AAR	57520 65145	253 270	1438 1515	40 43	UBN		
140	RA4CL	56805 57505	323 326	1623 1643	35 35	UBN		
141	HA2MN	56372 58660	286 289	1658 1676	34 35	UBN		
142	RV3PN	56236 56542	304 305	1654 1663	34 34	UBN		
143	UA3RFT	55136 61948	278 294	1723 1822	32 34	UBN		
144	OZ5UR	54186 54516	252 254	1642 1652	33 33	UBN		
145	UA3YFL	54114 55738	316 325	1866 1922	29 29	UBN		
146	DL7DZ	53472 58014	316 332	1671 1758	32 33	UBN		
147	OK2QX	52512 56826	287 301	1641 1722	32 33	UBN		

148	SM5DXR	52470 55620	268 283	1749 1854	30 30	UBN		
149	DL3KWR	52245 58029	240 249	1935 2001	27 29	UBN		
150	DK3YD	51181 55902	264 271	1651 1694	31 33	UBN		
151	IW5EDI	50952 54468	265 278	1544 1602	33 34	UBN		
152	YO4DW	50460 51156	287 291	1740 1764	29 29	UBN		
153	RA9DZ	50382 53136	308 323	1866 1968	27 27	UBN		
154	IK6BAK	50028 50853	232 238	1516 1541	33 33	UBN		
155	RQ9F	49650 53160	311 334	1655 1772	30 30	UBN		
156	DL0FTL	49538 50830	241 250	1457 1495	34 34	UBN	DL3DRN	
157	RN9RF	49476 52867	355 367	1767 1823	28 29	UBN		
158	RK4NB	49269 53958	229 243	1493 1587	33 34	UBN		
159	R4WT	48540 57732	292 305	1618 1698	30 34	UBN		
160	UA3GDU	48246 49674	216 222	1419 1461	34 34	UBN		
161	S53ZO	48213 51306	205 213	1461 1509	33 34	UBN		
162	UA3YDI	47444 47966	243 246	1636 1654	29 29	UBN		
163	R7MY	47310 47610	288 290	1577 1587	30 30	UBN		
164	RN4AO	47138 52056	339 358	1813 1928	26 27	UBN		
165	DJ3RA	46725 48384	219 220	1335 1344	35 36	UBN		
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167	DL4XU	46528 49472	262 278	1454 1546	32 32	UBN		
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169	RA6FUZ	46008 47763	266 275	1704 1769	27 27	UBN		
170	R7AC	46004 50144	279 294	1484 1567	31 32	UBN		
171	ES3RF	45916 50598	252 267	1766 1874	26 27	UBN		
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173	UA9XX	45095 54300	268 310	1555 1810	29 30	UBN		
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175	LY4ZZ	44280 47025	198 204	1845 1881	24 25	UBN	LY2BMX	
176	RM3TO	44100 45360	271 278	1575 1620	28 28	UBN		
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178	DM5B	43586 46912	239 250	1406 1466	31 32	UBN	DG6IMR	
179	DJ1MM	43471 44457	229 235	1499 1533	29 29	UBN		
180	EU1ST	43008 44184	227 233	1536 1578	28 28	UBN		
181	SP3JUN	42750 45960	267 291	1425 1532	30 30	UBN		
182	RU9CK	42725 47088	253 258	1709 1744	25 27	UBN		

183	UN7CAW	42650 44675	251 262	1706 1787	25 25	UBN	
184	OE9WGI	42520 46536	323 340	2126 2216	20 21	UBN	
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186	UG5F	42126 44200	229 241	1239 1300	34 34	UBN	
187	PA2W	41832 42168	243 245	1494 1506	28 28	UBN	
188	I6FDJ	40586 41236	306 311	1561 1586	26 26	UBN	
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190	M8A	40464 40824	276 279	1686 1701	24 24	UBN	M0HDF
191	DM2RN	39840 40740	284 289	1992 2037	20 20	UBN	
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193	LZ7H	38500 40716	268 272	1540 1566	25 26	UBN	LZ2ITU
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196	DR7T	37294 37758	243 246	1286 1302	29 29	UBN	DF1DN
197	EA5/RV2A	37014 41481	189 199	1194 1257	31 33	UBN	RV2A
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200	SV1AJO	35952 36372	307 311	1284 1299	28 28	UBN	
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204	ON5WL	34800 42448	258 269	1450 1516	24 28	UBN	
205	R4AC	34725 35475	228 237	1389 1419	25 25	UBN	
206	IK5VLL	34716 35882	308 321	1578 1631	22 22	UBN	
207	ON7CC	34680 36936	230 244	1445 1539	24 24	UBN	
208	F8EBY	33810 35730	214 226	1127 1191	30 30	UBN	
209	UA7G	33511 34224	252 258	1081 1104	31 31	UBN	
210	UT1IM	33175 34000	265 270	1327 1360	25 25	UBN	D1WA
211	OO9O	33050 33375	263 266	1322 1335	25 25	UBN	ON7SS
212	IT9CKA	32592 33460	262 269	1164 1195	28 28	UBN	
213	DJ0YI	32211 34344	239 255	1193 1272	27 27	UBN	
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225	UR7VA	28250 29050	228 236	1130 1162	25 25	UBN		
226	IW3IAU	27384 31001	174 191	978 1069	28 29	UBN		
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228	R7NQ	27050 28704	248 255	1082 1104	25 26	UBN		
229	RA3VE	26910 29574	168 177	897 954	30 31	UBN		
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242	R9FDJ	22500 24150	190 202	900 966	25 25	UBN		
243	RK9UE	22308 22906	183 190	858 881	26 26	UBN		
244	YO4SI	21814 23220	128 132	839 860	26 27	UBN		
245	R9XS	21735 22470	242 250	1035 1070	21 21	UBN		
246	RU6CO	21728 24041	167 177	776 829	28 29	UBN		
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248	RX9CC	20790 31786	192 272	990 1382	21 23	UBN		
249	DL5AZZ	20658 21340	139 144	939 970	22 22	UBN		
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251	DH6BH	20370 23628	131 141	679 716	30 33	UBN		
252	R6BT	20271 24060	124 144	699 802	29 30	UBN		

253	PC2F	20079 23600	150 163	873 944	23 25	UBN	
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258	RO4A	18600 18888	200 203	775 787	24 24	UBN	
259	LA5LJA	18506 19840	197 200	974 992	19 20	UBN	
260	UA1CUR	18238 18898	121 125	829 859	22 22	UBN	
261	EW4R	17940 22653	148 179	690 839	26 27	UBN	EW4BM
262	EI7CC	17680 17914	140 142	680 689	26 26	UBN	
263	SQ9FMU	17271 17784	157 162	909 936	19 19	UBN	
264	IW3ILM	17178 17430	126 128	818 830	21 21	UBN	
265	LZ2AF	16918 17600	149 155	769 800	22 22	UBN	
266	IK3QAR	16375 18306	181 186	655 678	25 27	UBN	
267	UF8C	16368 19188	79 86	682 738	24 26	UBN	
268	4X1ST	16320 16800	129 132	816 840	20 20	UBN	
269	R2SAG	15990 19032	101 120	615 732	26 26	UBN	
270	DL9GMC	15800 16120	171 174	790 806	20 20	UBN	
271	UR5WX	15485 17040	173 181	815 852	19 20	UBN	
272	DL5CL	15314 15730	97 100	589 605	26 26	UBN	
273	R1ZM	14976 16042	232 250	1152 1234	13 13	UBN	
274	HB9DOS	14782 15390	118 123	778 810	19 19	UBN	
275	RW9AV	14780 19500	160 215	739 975	20 20	UBN	
276	DK5KF	14582 14812	144 147	634 644	23 23	UBN	
277	DJ4MX	14560 15067	145 150	1120 1159	13 13	UBN	
277	OK1FMJ	14560 14924	103 105	560 574	26 26	UBN	
279	RU9SB	14532 16002	92 102	692 762	21 21	UBN	
280	IV3ELR	14278 16169	139 150	649 703	22 23	UBN	
281	EA2CAR	14076 15800	122 126	612 632	23 25	UBN	
282	RW1QN	13772 14080	130 133	626 640	22 22	UBN	
283	CT1ELZ	13720 14460	129 136	686 723	20 20	UBN	
284	OK1LV	13640 14800	136 148	682 740	20 20	UBN	
285	RA3V	13626 14760	129 140	757 820	18 18	UBN	
286	PA3ARM	13580 13840	147 151	679 692	20 20	UBN	
287	UA3QR	13419 15004	157 166	639 682	21 22	UBN	

288	PG2AA	13320 14000	160 168	666 700	20 20	UBN		
289	EA5VK	13312 26962	135 168	832 1037	16 26	UBN		
290	DJ9SN	13225 14300	84 87	529 550	25 26	UBN		
291	DL1JDT	12920 13780	102 103	680 689	19 20	UBN		
292	PG6F	12580 13120	147 152	629 656	20 20	UBN	PA0GRU	
293	VE9VIC	12243 16150	95 107	583 646	21 25	UBN		
294	RN3AAB	12155 17720	105 128	715 886	17 20	UBN		
295	RA5AQ	12075 12581	106 111	525 547	23 23	UBN		
296	EA8/HB9FIH	12034 16281	92 101	547 603	22 27	UBN	HB9FIH	
297	F5SGI	11875 13965	105 112	625 665	19 21	UBN		
298	UA4FDL	11718 14478	129 150	651 762	18 19	UBN		
299	S52W	11552 13788	114 120	722 766	16 18	UBN		
300	DL3ECN	11407 13311	117 138	671 783	17 17	UBN		
301	S57KM	11403 11403	100 100	543 543	21 21	UBN		
302	EA4DH	11364 13236	147 170	947 1103	12 12	UBN		
303	PA0RBA	11352 12949	96 106	516 563	22 23	UBN		
304	PA0WKI	11134 11533	101 104	586 607	19 19	UBN		
305	RV3DBK	11032 11340	167 172	788 810	14 14	UBN		
306	EA5CP	10944 12100	144 151	576 605	19 20	UBN		
307	UB8A	10728 11520	116 126	596 640	18 18	UBN		
308	DL1THB	10576 10928	146 150	661 683	16 16	UBN		
309	OK1DM	10486 11775	116 121	749 785	14 15	UBN		
310	DL2VN	10317 10849	99 104	543 571	19 19	UBN		
311	PA0RHA	10268 13585	108 122	604 715	17 19	UBN		
312	G3RTU	10206 10269	101 102	486 489	21 21	UBN		
313	HA5BA	10188 10404	102 104	566 578	18 18	UBN		
314	DF5BX	10178 10388	110 112	727 742	14 14	UBN		
315	ON7XN	9940 11020	90 100	497 551	20 20	UBN		
316	RM2T	9870 10670	97 101	470 485	21 22	UBN		
317	IT9ORA	9828 9828	111 111	468 468	21 21	UBN		
318	DF3OL	9808 10688	99 106	613 668	16 16	UBN		
319	DH7AMF	9800 11319	77 85	490 539	20 21	UBN		
320	KE2WY	9612 11960	77 87	534 598	18 20	UBN		
321	UA3DLD	9481 10260	74 77	499 513	19 20	UBN		
322	UA1F	9216 15466	122 149	576 703	16 22	UBN		

323	IN3OWY	9191 9581	103 107	707 737	13 13	UBN		
324	9A3NC	8856 9072	108 111	492 504	18 18	UBN		
325	PG5V	8640 8736	122 124	540 546	16 16	UBN		
325	SQ9S	8640 8820	107 109	576 588	15 15	UBN		
327	DL4KG	8631 8946	96 100	411 426	21 21	UBN		
328	OM5MX	8569 8854	89 92	451 466	19 19	UBN		
329	RW2D	8558 9864	62 65	389 411	22 24	UBN	ER1RR	
330	EA1G	8437 8635	126 129	767 785	11 11	UBN		
331	I5YKQ	8304 8448	77 78	519 528	16 16	UBN		
332	RK3R	8295 8385	85 86	553 559	15 15	UBN		
333	DL7UXG	8092 8432	113 117	476 496	17 17	UBN		
334	OZ75BO	7845 10368	109 136	523 648	15 16	UBN		
335	HB9DCM	7840 8100	97 100	392 405	20 20	UBN		
336	PA2DK	7812 8414	98 105	558 601	14 14	UBN		
337	IZ5FDE	7365 7590	102 105	491 506	15 15	UBN		
338	G0NRL	7021 7752	72 80	413 456	17 17	UBN		
339	PE1BQE	6868 8664	93 102	404 456	17 19	UBN		
340	AI6O	6804 8952	52 59	324 373	21 24	UBN		
341	G3WBB	6736 8653	96 115	421 509	16 17	UBN		
342	RX3MM	6720 6912	98 101	420 432	16 16	UBN		
343	SP9RQH	6645 10890	84 121	443 605	15 18	UBN		
344	BG8DIV	6531 9585	63 73	311 355	21 27	UBN		
345	VE3MA	6464 6688	72 75	404 418	16 16	UBN		
346	SX200JFL	6426 17350	74 132	378 694	17 25	UBN		
347	DF3CE	6289 6780	64 65	331 339	19 20	UBN		
348	PA0CMF	6258 6840	103 105	447 456	14 15	UBN		
349	SV3AWG	6232 7820	67 79	328 391	19 20	UBN		
350	SM5MX	6176 6400	96 100	386 400	16 16	UBN		
351	W1ARY	6100 6240	52 54	305 312	20 20	UBN		
352	YO4TL	6032 6496	124 133	754 812	8 8	UBN		
353	R9FCY	5936 6480	78 86	371 405	16 16	UBN		
354	OM7AT	5824 5824	61 61	364 364	16 16	UBN		
355	ES3BH	5820 7249	82 92	582 659	10 11	UBN		
356	DJ4WT	5776 6080	109 115	361 380	16 16	UBN		
357	UA0QNV	5536 5840	89 93	346 365	16 16	UBN		

358	OK1FCA	5440 5440	62 62	340 340	16 16	UBN		
359	PA3GDG	5166 5835	70 75	369 389	14 15	UBN		
360	R0LL	5100 5380	59 62	255 269	20 20	UBN		
361	OK2BRQ	4968 5694	73 78	414 438	12 13	UBN		
362	UA6AAK	4942 5026	100 102	353 359	14 14	UBN		
363	F5JU	4902 4959	59 60	258 261	19 19	UBN		
364	PA3HCC	4872 5475	74 77	348 365	14 15	UBN		
365	PA6ML	4688 4736	63 64	293 296	16 16	UBN	PE1MR	
366	S55N	4654 5432	67 72	358 388	13 14	UBN		
367	G3SQU	4624 4624	72 72	289 289	16 16	UBN		
368	IU6FUB	4573 5850	60 74	269 325	17 18	UBN		
369	YL2PP	4550 6000	42 46	350 375	13 16	UBN		
370	RY2A	4433 6174	59 74	341 441	13 14	UBN		
371	HI8A	4380 4380	45 45	292 292	15 15	UBN		
372	PA3DSB	4251 5054	69 76	327 361	13 14	UBN		
373	SP9VFX	4172 5360	50 58	298 335	14 16	UBN		
374	IK2IKW	4005 4368	46 47	267 273	15 16	UBN		
375	YT5N	3828 4344	46 48	348 362	11 12	UBN	YU7AF	
376	AA2EQ	3822 4830	37 42	273 322	14 15	UBN		
376	IW1CHX	3822 4459	61 72	294 343	13 13	UBN		
378	DF7XR	3692 3939	66 70	284 303	13 13	UBN		
379	IN3HUU	3562 3562	51 51	274 274	13 13	UBN		
380	US5EEK	3198 3556	48 50	246 254	13 14	UBN		
381	IZ2BMM	3120 3270	57 61	312 327	10 10	UBN		
382	R7CA	3040 3465	100 103	304 315	10 11	UBN		
383	ON6QS	3012 3783	53 61	251 291	12 13	UBN		
384	OE5FDM	2954 3038	49 50	211 217	14 14	UBN		
385	PA9J	2952 3340	60 61	328 334	9 10	UBN		
386	IK1RDN	2886 3276	42 44	222 234	13 14	UBN		
387	OK1FFA	2616 2616	50 50	218 218	12 12	UBN		
388	4Z4UO	2550 2580	39 40	255 258	10 10	UBN		
389	IK2QIK	2483 2756	44 50	191 212	13 13	UBN		
390	DL3CX	2444 2639	38 41	188 203	13 13	UBN		
391	YO3BIZ	2431 2800	56 60	187 200	13 14	UBN		
392	JK8PBO	2368 2788	30 33	148 164	16 17	UBN		

393	W2MKM	2275 2327	44 45	175 179	13 13	UBN		
394	N7RCS	2160 3165	27 31	180 211	12 15	UBN		
395	RC0AJ	2148 2509	52 57	179 193	12 13	UBN		
396	K3TW	2080 2080	25 25	208 208	10 10	UBN		
397	DL1DBR	2056 2056	37 37	257 257	8 8	UBN		
398	PD7CJT	1900 1900	60 60	190 190	10 10	UBN		
399	S55AC	1782 6441	27 59	162 339	11 19	UBN		
400	EU60	1740 1740	38 38	348 348	5 5	UBN		
401	PA0ZAV	1716 2184	27 30	156 168	11 13	UBN		
402	4K9W	1568 1736	30 33	224 248	7 7	UBN		
403	SM6BZV	1542 1862	40 41	257 266	6 7	UBN		
404	DJ4KW	1504 1764	31 32	188 196	8 9	UBN		
405	PA0KBN	1490 1848	46 52	149 168	10 11	UBN		
406	IN3FHE	1462 1656	19 20	86 92	17 18	UBN		
407	HB9AYZ	1428 1428	39 39	238 238	6 6	UBN		
408	TA4CS	1280 1440	16 18	160 180	8 8	UBN		
409	AG3I	1166 1342	23 26	106 122	11 11	UBN		
410	PY4ARS	1144 1392	15 17	104 116	11 12	UBN		
411	IK4JQQ	1080 1107	17 18	120 123	9 9	UBN		
412	GI4EBS	1044 1134	31 33	116 126	9 9	UBN		
413	PE1FJN	1032 1032	26 26	129 129	8 8	UBN		
414	DL1KGT	1022 1730	34 38	146 173	7 10	UBN		
415	KB4CG	1020 1092	15 16	170 182	6 6	UBN		
416	DL1NKB	970 1540	21 35	97 154	10 10	UBN		
417	PC7E	952 1368	41 51	136 171	7 8	UBN		
418	YO8BDW	888 968	29 32	111 121	8 8	UBN		
419	AC5XK	864 1120	17 19	96 112	9 10	UBN		
420	ON4KMB	800 1107	23 30	100 123	8 9	UBN		
421	I1MMN	762 876	36 42	127 146	6 6	UBN		
422	RA3TYL	752 776	19 20	94 97	8 8	UBN		
423	LZ1AQ	738 738	14 14	82 82	9 9	UBN		
424	PA1BBO	704 1035	19 25	88 115	8 9	UBN		
425	DF4TS	684 684	14 14	114 114	6 6	UBN		
426	AC2YD	675 747	12 13	75 83	9 9	UBN		
427	DL8MF	664 808	22 27	83 101	8 8	UBN		

428	ES1QD	540 540	11 11	90 90	6 6	UBN		
429	F4HYY	505 505	17 17	101 101	5 5	UBN		
430	F4GFT	497 518	20 21	71 74	7 7	UBN		
431	R4AJ	470 690	14 17	94 115	5 6	UBN		
432	JA3JM	459 495	14 15	51 55	9 9	UBN		
433	UR5LEH	440 504	12 14	55 63	8 8	UBN		
434	DL5HP	412 804	32 41	103 134	4 6	UBN		
435	F5KLE	400 400	13 13	80 80	5 5	UBN		
436	M0JSB	378 450	15 18	63 75	6 6	UBN		
437	EA3CWT	357 385	15 16	51 55	7 7	UBN		
438	W3WHK	340 380	7 8	68 76	5 5	UBN		
439	UA0LNA	297 297	10 10	33 33	9 9	UBN		
440	JH7UJU	282 282	9 9	47 47	6 6	UBN		
441	JA1GQC	246 385	6 10	41 55	6 7	UBN		
442	2E0FFT	245 245	7 7	49 49	5 5	UBN		
443	F6API	220 250	14 16	44 50	5 5	UBN		
444	RD5D	190 190	8 8	38 38	5 5	UBN		
445	N7VS	132 300	10 14	33 50	4 6	UBN		
445	UA0SBQ/P	132 132	7 7	22 22	6 6	UBN		
447	LZ20Q/1	120 120	7 7	60 60	2 2	UBN	LZ20Q	
448	IZ3KMY	117 872	7 21	39 109	3 8	UBN		
449	N8AA	105 105	9 9	35 35	3 3	UBN		
450	DL7VSN	68 68	5 5	17 17	4 4	UBN		
451	LY2MC	63 63	3 3	21 21	3 3	UBN		
452	LX1NT	51 69	5 7	17 23	3 3	UBN		
453	GM4OSS	48 60	4 5	24 30	2 2	UBN		
454	PT7ENG	40 120	3 6	20 30	2 4	UBN		
455	RW4HBG	33 33	4 4	11 11	3 3	UBN		
456	JE8UHY	30 72	3 4	10 18	3 4	UBN		
457	SQ2HXW	16 16	2 2	8 8	2 2	UBN		
458	W7LG	8 16	2 4	8 16	1 1	UBN		

SINGLE-OP 160M HIGH

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	SN1T	24288 24882	242 252	2208 2262	11 11	UBN	SP1NQN	
2	RT3T	21813 21912	236 239	1983 1992	11 11	UBN		

3	RT3G	20559 21054	223 229	1869 1914	11 11	UBN		
4	R6HV	12690 13290	154 169	1269 1329	10 10	UBN		
5	SQ7U	4155 4245	92 94	831 849	5 5	UBN		
6	OZ2TF	2448 2982	45 47	408 426	6 7	UBN		
7	G3T	1242 1242	23 23	207 207	6 6	UBN		
8	CX6VM	12 12	1 1	12 12	1 1	UBN		

SINGLE-OP 160M LOW

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	LY7T	20394 20988	202 208	1854 1908	11 11	UBN		
2	YO5AJR	14094 16440	171 181	1566 1644	9 10	UBN		
3	E79D	10968 11280	151 155	1371 1410	8 8	UBN		
4	Z35F	10560 10740	115 119	1056 1074	10 10	UBN		
5	RK7X	8100 8343	97 100	900 927	9 9	UBN		
6	SP5EWX	3510 3555	78 79	702 711	5 5	UBN		
7	I3PXN	2175 2580	48 57	435 516	5 5	UBN		
8	YO2GL	2025 2115	44 46	405 423	5 5	UBN		
9	G8AJM	792 828	22 23	198 207	4 4	UBN		
10	UA9FPG	192 270	13 18	96 135	2 2	UBN		

SINGLE-OP 80M HIGH

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	HA5JI	107274 111321	603 632	5646 5859	19 19	UBN		
2	YL3CW	84456 99600	499 530	4692 4980	18 20	UBN		
3	9A3B	82875 89856	522 534	4875 4992	17 18	UBN	9A2VR	
4	OK1DOL	78864 93042	533 567	4929 5169	16 18	UBN		
5	UA6Y	76848 78480	517 531	4803 4905	16 16	UBN		
6	RK4FM	72012 73797	492 504	4236 4341	17 17	UBN		
7	YT4T	71808 78234	483 496	4488 4602	16 17	UBN		
8	R5AJ	61728 68289	449 466	3858 4017	16 17	UBN		
9	LZ5N	59616 61536	398 413	3726 3846	16 16	UBN	LZ1HW	
10	UA6EED	54495 57465	391 412	3633 3831	15 15	UBN		
11	LZ5XQ	54054 55566	421 436	3861 3969	14 14	UBN		
12	LY2MM	52425 53370	380 387	3495 3558	15 15	UBN		
13	LZ1QZ	42798 46620	329 336	3057 3108	14 15	UBN		
14	SP9JZT	30672 32040	278 290	2556 2670	12 12	UBN		
15	HB9CVQ	29664 30240	265 274	2472 2520	12 12	UBN		

16	W1UE	27216 31161	198 211	2268 2397	12 13	UBN		
17	RX9CM	22890 25620	198 223	2289 2562	10 10	UBN		
18	IV3AZV	20394 20691	203 210	1854 1881	11 11	UBN		
19	RD4F	11934 12015	160 161	1326 1335	9 9	UBN		
20	DL2NBW	10287 10476	125 127	1143 1164	9 9	UBN		
21	YU7WW	4344 4416	59 60	543 552	8 8	UBN		
22	JA5NSR	315 315	9 9	105 105	3 3	UBN		
23	RQ4F	138 138	9 9	69 69	2 2	UBN		

SINGLE-OP 80M LOW

Line	Callsign	Score Final/Cldm	QSOs Cfm/Cldm	Points Cfm/Cldm	Mults Cfm/Cldm	Public	Operator (-s)	Files
1	OM8CW	77952 80640	524 542	4872 5040	16 16	UBN		
2	RO7C	58560 64770	423 444	3660 3810	16 17	UBN		
3	RT2F	54726 60570	424 450	3909 4038	14 15	UBN		
4	YT1WA	48009 48828	402 409	3693 3756	13 13	UBN		
5	E77EA	47712 49014	371 383	3408 3501	14 14	UBN		
6	YU5T	39273 43218	330 341	3021 3087	13 14	UBN	YU1JU	
7	4Z4KX	38664 44187	271 287	3222 3399	12 13	UBN		
8	RV3ZN	34515 35955	268 278	2301 2397	15 15	UBN		
9	YO3JOS	34164 35256	284 293	2628 2712	13 13	UBN		
10	SP4AWE	29568 33120	293 301	2688 2760	11 12	UBN		
11	SP1GZF	27930 28980	216 224	1995 2070	14 14	UBN		
12	RA9MX	27225 27720	216 220	2475 2520	11 11	UBN		
13	SF6W	26169 26268	261 262	2379 2388	11 11	UBN	SM6EWB	
14	YO3GCL	24717 28584	244 260	2247 2382	11 12	UBN		
15	UD6M	23010 23460	274 280	2301 2346	10 10	UBN		
16	DG7EE	22704 24816	226 247	2064 2256	11 11	UBN		
17	UT3EK	18306 18630	222 226	2034 2070	9 9	UBN		
18	S57X	15903 16389	194 200	1767 1821	9 9	UBN		
19	EU1AI	15417 17580	187 192	1713 1758	9 10	UBN		
20	RV3VR	14421 15279	158 167	1311 1389	11 11	UBN		
21	OK1HMP	13848 13992	191 193	1731 1749	8 8	UBN		
22	Z35Z	13080 14340	141 155	1308 1434	10 10	UBN		
23	R3ET	9810 10260	111 116	981 1026	10 10	UBN		
24	SQ1DNJ	8127 8532	98 103	903 948	9 9	UBN		
25	OK2SG	7590 7950	82 86	759 795	10 10	UBN		

26	YO2CJX	7488 7944	103 109	936 993	8 8	UBN		
27	HA7MF	7350 7707	115 120	1050 1101	7 7	UBN		
28	DL7JAN	7248 7320	99 100	906 915	8 8	UBN		
29	LZ2SX	5976 6336	81 86	747 792	8 8	UBN		
30	OM6TU	4698 4968	85 90	783 828	6 6	UBN		
31	GM3YEH	2790 2835	62 63	558 567	5 5	UBN		
32	SP4ADZ	2670 3225	59 71	534 645	5 5	UBN		
33	UT7MR	2655 2745	58 60	531 549	5 5	UBN		
34	OK9RKZ	2355 2490	52 55	471 498	5 5	UBN		
35	DO6AN	1476 1548	41 43	369 387	4 4	UBN		
36	DO9SR	1350 1440	30 32	270 288	5 5	UBN		
37	DO8KAS	1155 1155	25 25	231 231	5 5	UBN		
38	LZ2JU	372 525	10 11	93 105	4 5	UBN		
39	OH1QX	372 372	10 10	93 93	4 4	UBN		

SINGLE-OP 40M HIGH

Line	Callsign	Score Final/Ccmd	QSOs Cfm/Ccmd	Points Cfm/Ccmd	Mults Cfm/Ccmd	Public	Operator (-s)	Files
1	YT1A	105264 126900	694 745	4386 4700	24 27	UBN		
2	R4KO	90096 94896	646 681	3754 3954	24 24	UBN		
3	LY2A	83454 90508	635 657	3974 4114	21 22	UBN	LY2KA	
4	UR7QC	67804 73140	488 503	3082 3180	22 23	UBN		
5	RA4PQ	66360 90336	509 606	3160 3764	21 24	UBN		
6	R7AT	51160 51720	439 444	2558 2586	20 20	UBN		
7	YU51ANO	48348 61110	432 467	2686 2910	18 21	UBN	YU1RA	
8	DF1MM	44778 48780	427 439	2634 2710	17 18	UBN		
9	HG8K	44710 45458	425 432	2630 2674	17 17	UBN	HA8GY	
10	YO3LW	39780 43848	372 387	2340 2436	17 18	UBN		
11	OQ5M	39508 40868	373 386	2324 2404	17 17	UBN	ON5ZO	
12	YP5A	36270 40096	391 404	2418 2506	15 16	UBN	YO5CBX	
13	IV3SKB	32864 40032	335 363	2054 2224	16 18	UBN		
14	SP3VT	30420 31980	382 401	2340 2460	13 13	UBN		
15	HA8TP	25844 26096	300 303	1846 1864	14 14	UBN		
16	SP2FAP	17446 19152	219 223	1342 1368	13 14	UBN		
17	UC8U	16368 18912	190 201	1488 1576	11 12	UBN		
18	EA5IUJ	13920 15300	147 166	928 1020	15 15	UBN		
19	UY3AW	12930 13500	135 141	862 900	15 15	UBN		

20	DL3DW	10024 11460	108 115	716 764	14 15	UBN		
21	W2EG	7416 8040	82 92	618 670	12 12	UBN		
22	LZ1MC	6720 7020	108 113	672 702	10 10	UBN		
23	PX2V	6504 7462	68 72	542 574	12 13	UBN	PY2KJ	
24	KM1R	6226 6996	73 82	566 636	11 11	UBN		
25	DL3ANK	5364 6260	97 101	596 626	9 10	UBN		
26	DM7X	3160 3240	50 53	316 324	10 10	UBN	DL1PAN	
27	AZ1A	2882 3960	33 42	262 330	11 12	UBN	LU1AW	
28	DM3F	1456 1520	29 30	182 190	8 8	UBN	DH5FS	
29	9A1AA	1040 1040	20 20	130 130	8 8	UBN		
30	OH3BCX	770 770	17 17	110 110	7 7	UBN	OH1ZAA	
31	K1WR	184 310	6 8	46 62	4 5	UBN		
32	WQ6X	52 96	4 5	26 32	2 3	UBN		
33	ZL2AIM	32 48	2 3	16 24	2 2	UBN		

SINGLE-OP 40M LOW

Line	Callsign	Score Final/Ccmd	QSOs Cfm/Ccmd	Points Cfm/Ccmd	Mults Cfm/Ccmd	Public	Operator (-s)	Files
1	UT5IA	87822 89670	668 683	4182 4270	21 21	UBN		
2	4O4T	61978 71442	523 546	3262 3402	19 21	UBN		
3	UN7LAN	58548 60962	439 457	3444 3586	17 17	UBN		
4	LZ3YY	56484 60800	505 515	3138 3200	18 19	UBN		
5	UA3QPA	54936 62480	512 524	3052 3124	18 20	UBN		
6	SP4TKR	49472 56032	502 539	3092 3296	16 17	UBN		
7	YO8DOH	46614 47226	445 451	2742 2778	17 17	UBN		
8	EU8F	44880 52598	484 500	2992 3094	15 17	UBN	EW8OF	
9	SP1C	42656 43552	430 440	2666 2722	16 16	UBN		
10	SP1AEN	42080 43392	427 440	2630 2712	16 16	UBN		
11	UA6AKD	37536 41786	403 423	2346 2458	16 17	UBN		
12	DL1CW	36800 37504	374 381	2300 2344	16 16	UBN		
13	DK2FG	36510 36960	397 402	2434 2464	15 15	UBN		
14	UR5MM	34560 36036	307 319	1920 2002	18 18	UBN		
15	HA9RC	33732 34704	295 303	1874 1928	18 18	UBN		
16	UA4FCO	29280 29632	308 312	1830 1852	16 16	UBN		
17	Z33B	25740 28896	277 292	1716 1806	15 16	UBN		
18	HA4FY	23072 23464	268 272	1648 1676	14 14	UBN		
19	YO5ODT	22412 22412	282 282	1724 1724	13 13	UBN		

20	HA9TA	21060 24472	262 283	1620 1748	13 14	UBN		
21	IZ4TOA	18284 22080	210 221	1306 1380	14 16	UBN		
22	S51J	17592 18312	240 250	1466 1526	12 12	UBN		
23	EA5IFY	17352 19176	236 268	1446 1598	12 12	UBN		
24	G4N	15428 16950	177 181	1102 1130	14 15	UBN	G4ZVB	
25	RW0BG/3	15288 17134	213 221	1274 1318	12 13	UBN	RW0BG	
26	R4MA	14208 14424	206 210	1184 1202	12 12	UBN		
27	DL6GCE	14144 15848	178 186	1088 1132	13 14	UBN		
28	R1AT	13632 23998	203 323	1136 1846	12 13	UBN		
29	SQ2HEB	10674 11286	193 204	1186 1254	9 9	UBN		
30	SN2S	10010 10208	147 150	910 928	11 11	UBN	SP2MHD	
31	9A6TT	9888 10032	133 135	824 836	12 12	UBN		
32	RU5X	9856 9922	154 155	896 902	11 11	UBN		
33	OM7PY	9712 10160	199 208	1214 1270	8 8	UBN		
34	R9JAP	9048 10452	102 118	696 804	13 13	UBN		
35	EA1DD	8800 9614	126 138	800 874	11 11	UBN	PACO	
36	UR5IFB	8640 9856	141 146	864 896	10 11	UBN		
37	R3KQ	8208 8406	160 164	912 934	9 9	UBN		
38	LY4BF	8140 8206	119 120	740 746	11 11	UBN	LY2BBF	
39	RK6XWB	6576 7938	133 143	822 882	8 9	UBN	RK7X	
40	DL1OJ	6570 7002	120 128	730 778	9 9	UBN		
41	YU5A	6528 6624	134 136	816 828	8 8	UBN	YU1EW	
42	DL8WAA	6464 6560	132 134	808 820	8 8	UBN		
43	Z39A	6352 6448	130 132	794 806	8 8	UBN		
44	PA3EVY	6300 6768	116 124	700 752	9 9	UBN		
45	YL2LW	6060 6420	99 105	606 642	10 10	UBN		
46	SP8D	5976 6714	107 120	664 746	9 9	UBN		
47	OH4BCS	5968 6112	121 124	746 764	8 8	UBN	OH1ZAA	
48	RM3G	5200 5360	87 90	520 536	10 10	UBN		
49	IK5OJB	4716 5310	85 96	524 590	9 9	UBN		
49	IV3HAX	4716 4770	86 87	524 530	9 9	UBN		
51	UA8J	4680 6680	70 90	520 668	9 10	UBN		
52	M0JWT	3346 3430	78 80	478 490	7 7	UBN		
53	SQ2RH	3150 5544	57 81	350 504	9 11	UBN		
54	OM5LD	3114 3720	56 60	346 372	9 10	UBN		

55	DL8UKW	2988 3168	52 55	332 352	9 9	UBN		
56	HA2EOU	2672 2768	55 57	334 346	8 8	UBN		
57	RY9LAE	2664 2904	61 66	444 484	6 6	UBN		
58	RW3WX	2170 2198	55 56	310 314	7 7	UBN		
59	R3IBT	1876 2156	45 52	268 308	7 7	UBN		
60	RN1AO	1680 1800	47 50	280 300	6 6	UBN		
61	PY4XX	1600 1872	25 26	200 208	8 9	UBN		
62	DL9SEV	1440 1440	39 39	240 240	6 6	UBN		
63	BD7OB	1358 1414	25 26	194 202	7 7	UBN		
64	DL3GJ	1344 1488	37 41	224 248	6 6	UBN		
64	YD2UWF	1344 1512	24 27	192 216	7 7	UBN		
66	UK8ICU	1302 1568	27 32	186 224	7 7	UBN		
67	UB3SAR	1080 1170	36 39	216 234	5 5	UBN		
68	DK4YU	940 1548	31 42	188 258	5 6	UBN		
69	DL1JHW	790 820	26 27	158 164	5 5	UBN		
70	DL6OAA	780 840	26 28	156 168	5 5	UBN		
71	EW1AFM	732 732	20 20	122 122	6 6	UBN		
72	ROAFF	432 432	11 11	72 72	6 6	UBN		
73	OP4A	288 288	16 16	96 96	3 3	UBN	ON6LY	
74	AJ6T	174 264	8 9	58 66	3 4	UBN		
75	DL1YCF	84 96	7 8	42 48	2 2	UBN		
76	DL1HUH	60 84	5 7	30 42	2 2	UBN		

SINGLE-OP 20M HIGH

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	RT9S	69552 72184	638 662	2484 2578	28 28	UBN		
2	UP4L	66248 68172	651 670	2548 2622	26 26	UBN	UN7LZ	
3	DM0A	51000 60318	617 669	2040 2234	25 27	UBN	DK3DM	
4	RD0A	44200 46760	577 609	2210 2338	20 20	UBN		
5	RD8D	39648 40704	428 439	1652 1696	24 24	UBN		
6	RC7A	38318 42456	535 568	1666 1769	23 24	UBN		
7	RJ9J	35967 40580	484 519	1893 2029	19 20	UBN		
8	HG4I	31394 32714	428 446	1427 1487	22 22	UBN	HA5LN	
9	9A4W	21360 22120	328 339	1068 1106	20 20	UBN		
10	YT5M	21126 22617	307 329	1006 1077	21 21	UBN		
11	EA8DHV	20768 25194	325 371	1298 1482	16 17	UBN		

12	YT2ISM	19074 31752	353 414	1122 1323	17 24	UBN		
13	KM1W	18540 19044	263 270	1030 1058	18 18	UBN		
14	OY1CT	18012 19428	495 534	1501 1619	12 12	UBN		
15	LZ2HR	17745 18942	252 268	845 902	21 21	UBN		
16	4L8A	17654 18494	322 337	1261 1321	14 14	UBN		
17	OP4K	17460 18120	270 280	873 906	20 20	UBN	ON4JZ	
18	RA9JM	16816 18688	273 304	1051 1168	16 16	UBN		
19	WK2G	14868 17265	270 293	1062 1151	14 15	UBN		
20	F5NBX	13356 14004	231 241	742 778	18 18	UBN		
21	YT3X	12528 13699	213 220	696 721	18 19	UBN		
22	LZ1ZM	11913 12103	196 199	627 637	19 19	UBN		
23	RA3TT	11818 11970	198 201	622 630	19 19	UBN		
24	OL5W	11740 12020	180 184	587 601	20 20	UBN	OK1IC	
25	RN6AT	11726 13398	293 311	902 957	13 14	UBN		
26	DL2OM	11376 13300	191 211	632 700	18 19	UBN		
27	DL9LM	10574 11628	189 196	622 646	17 18	UBN		
28	YO3JW	8784 10165	145 159	488 535	18 19	UBN		
29	DL2MDU	7922 7973	142 143	466 469	17 17	UBN		
30	F5PHY	7350 7756	162 171	525 554	14 14	UBN		
31	EW1TZ	6935 6935	100 100	365 365	19 19	UBN		
32	R7TD	6765 7568	143 150	451 473	15 16	UBN		
33	EA4M	6610 7579	210 219	661 689	10 11	UBN		
34	IK3UNA	6538 6790	147 153	467 485	14 14	UBN		
35	LZ1ZF	5600 5648	108 109	350 353	16 16	UBN		
36	M0TDW	5568 5568	102 102	348 348	16 16	UBN		
37	N2ZN	5415 6128	95 101	361 383	15 16	UBN		
38	DL5AXX	5232 5627	99 100	327 331	16 17	UBN		
39	EW8OM	4914 5166	103 108	351 369	14 14	UBN		
40	OH2VZ	4836 5264	110 111	372 376	13 14	UBN		
41	OG5O	3660 4606	93 100	305 329	12 14	UBN		
42	G0ORH	3584 3632	65 66	224 227	16 16	UBN		
43	YB0ECT	3472 3836	124 137	496 548	7 7	UBN		
44	PA0GJV	3190 3260	99 101	319 326	10 10	UBN		
45	YO8WW	3105 3376	57 58	207 211	15 16	UBN		
46	K8MP	2849 2893	66 67	259 263	11 11	UBN		

47	F6FLU	2848 3332	51 56	178 196	16 17	UBN		
48	N1RR	2486 2662	58 62	226 242	11 11	UBN		
49	N9CK	1036 1064	37 38	148 152	7 7	UBN		
50	AI4WW	707 770	31 34	101 110	7 7	UBN		
51	RT5Q	600 600	19 19	75 75	8 8	UBN		

SINGLE-OP 20M LOW

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	UA9MA	37040 38080	473 486	1852 1904	20 20	UBN		
2	UF5A	35125 36550	442 460	1405 1462	25 25	UBN		
3	RA1AL	28796 30452	392 414	1252 1324	23 23	UBN		
4	OM7LW	27962 30521	381 397	1271 1327	22 23	UBN		
5	R3QA	24605 27636	410 416	1295 1316	19 21	UBN		
6	UD8A	24174 26410	348 360	1343 1390	18 19	UBN		
7	IT9LKX	22900 23140	363 367	1145 1157	20 20	UBN		
8	DL9ZP	21609 21882	312 316	1029 1042	21 21	UBN		
9	EA1WH	21437 22780	406 432	1261 1340	17 17	UBN		
10	LZ1DQ	16758 17841	273 291	882 939	19 19	UBN		
11	UN0LM	16601 18606	323 336	1277 1329	13 14	UBN		
12	UN7CN	15568 16920	283 287	1112 1128	14 15	UBN		
13	RW0AJ	15148 17070	288 302	1082 1138	14 15	UBN		
14	LY2CO	14280 14500	211 214	714 725	20 20	UBN		
15	YO8AXP	13946 14345	220 226	734 755	19 19	UBN		
16	RT3C	13572 13788	232 236	754 766	18 18	UBN		
17	UA6LCJ	12495 12835	231 237	735 755	17 17	UBN		
18	RU9SO	11680 12954	192 200	730 762	16 17	UBN		
19	R7MT	11376 11600	223 228	711 725	16 16	UBN		
20	R3AIR	9488 10761	182 194	593 633	16 17	UBN		
21	RK3TT	9451 10388	230 234	727 742	13 14	UBN		
22	DL4YR	9078 9954	165 171	534 553	17 18	UBN		
23	DL0RD	8784 10602	171 183	549 589	16 18	UBN	DL3CQ	
24	US5VX	8636 8942	151 156	508 526	17 17	UBN		
25	SM7RYR	8624 8896	163 168	539 556	16 16	UBN		
26	OR2A	8240 8240	157 157	515 515	16 16	UBN	ON1DX	
27	YO2IS	8130 8535	164 172	542 569	15 15	UBN		
28	E7CW	7704 9080	132 139	428 454	18 20	UBN	E73ESP	

29	EA1IQ	7410 7813	178 188	570 601	13 13	UBN		
30	IK5ZUI	7391 7809	118 124	389 411	19 19	UBN		
31	R3LC	7088 7184	132 134	443 449	16 16	UBN		
32	R3NAN	7080 7500	152 161	472 500	15 15	UBN		
33	YO4BEX	7080 8942	146 162	472 526	15 17	UBN		
34	R4II	6799 7397	169 184	523 569	13 13	UBN		
35	UA4QK	6735 7140	144 152	449 476	15 15	UBN		
36	YO5AXF	6006 6214	141 146	462 478	13 13	UBN		
37	EU6DX	5925 6105	116 120	395 407	15 15	UBN	EU1DZ	
38	DF3NA	5680 5888	105 109	355 368	16 16	UBN		
39	R9QQ	5244 5292	116 117	437 441	12 12	UBN		
40	DJ7UC	5082 5222	107 110	363 373	14 14	UBN		
41	IT9PPG	4998 5236	109 114	357 374	14 14	UBN		
42	SV9RNG	4980 5140	162 167	498 514	10 10	UBN		
43	UC4P	4920 5473	131 134	410 421	12 13	UBN		
44	R5FP	4664 4763	133 136	424 433	11 11	UBN		
45	RT4W	4548 4776	121 127	379 398	12 12	UBN		
46	RD4W	4239 7644	155 205	471 637	9 12	UBN		
47	EA2KV	3890 4220	123 133	389 422	10 10	UBN		
48	OK5SA	3822 3878	82 83	273 277	14 14	UBN		
49	UA0SDX	3792 4290	89 93	316 330	12 13	UBN		
50	RZ9UO	3776 4419	122 127	472 491	8 9	UBN		
51	OK1FIA	3621 3621	63 63	213 213	17 17	UBN		
52	IW2ESL	3465 4272	67 77	231 267	15 16	UBN		
53	UA1TES	3366 3546	120 126	374 394	9 9	UBN		
54	OK1TRJ	3290 3346	69 70	235 239	14 14	UBN		
55	SV2CLJ	3206 3248	71 72	229 232	14 14	UBN		
56	YO9CWY	3144 3180	80 81	262 265	12 12	UBN		
57	OK1DKE	2948 4935	81 98	268 329	11 15	UBN		
58	TA3DJ	2936 4290	96 102	367 390	8 11	UBN		
59	IK0NOJ	2868 3084	74 80	239 257	12 12	UBN		
60	LY2LF	2574 2574	67 67	234 234	11 11	UBN		
61	EA3O	2508 3495	64 70	209 233	12 15	UBN		
62	YO2CEQ	2376 2412	58 59	198 201	12 12	UBN		
63	SP8HWM	1988 2044	37 38	142 146	14 14	UBN		

64	UR4IOR	1880 2048	71 78	235 256	8 8	UBN		
65	R5DR/1	1773 1800	61 62	197 200	9 9	UBN	R5DR	
66	PD0JMH	1413 1440	50 51	157 160	9 9	UBN		
67	UA3SDN	1408 1480	56 59	176 185	8 8	UBN		
68	TA3ST	1099 1099	41 41	157 157	7 7	UBN		
69	PA2CHM	1029 1190	47 54	147 170	7 7	UBN		
70	UA9XBJ	880 960	34 37	110 120	8 8	UBN		
71	9A5MPV	816 924	45 51	136 154	6 6	UBN		
72	DJ6XB	744 792	28 30	93 99	8 8	UBN		
73	DHOJAE	732 756	37 38	122 126	6 6	UBN		
74	DK6YA	728 728	34 34	104 104	7 7	UBN		
75	HB9GFT	528 546	27 28	88 91	6 6	UBN		
76	TA7AZC	524 564	33 36	131 141	4 4	UBN		
77	R3NAL	522 522	29 29	87 87	6 6	UBN		
78	RW3LA	498 522	24 25	83 87	6 6	UBN		
79	RJ3F	465 465	30 30	93 93	5 5	UBN		
80	YU1ML	456 560	22 23	76 80	6 7	UBN		
81	DJ3HW	400 472	15 18	50 59	8 8	UBN		
82	K8MU	318 336	15 16	53 56	6 6	UBN		
83	KF3G	252 343	11 13	42 49	6 7	UBN		
84	UA0AAS	230 260	13 15	46 52	5 5	UBN		
85	G0UCP	180 204	15 17	45 51	4 4	UBN		
86	RA3WUG	174 198	17 19	58 66	3 3	UBN		
87	G4ETS	129 129	14 14	43 43	3 3	UBN		
88	RA9YUI	128 144	11 12	32 36	4 4	UBN		
89	OH5ZA	125 125	8 8	25 25	5 5	UBN	OH1ZAA	
90	WB8JAY	66 75	6 7	22 25	3 3	UBN		
91	JG3EHD	56 68	4 5	14 17	4 4	UBN		
92	VA3FN	45 76	5 6	15 19	3 4	UBN		
93	UA1ZZ	34 34	6 6	17 17	2 2	UBN		
94	W5GP	30 30	5 5	15 15	2 2	UBN		
95	RA9XSL	24 24	3 3	12 12	2 2	UBN		
95	VU2JOS	24 32	3 4	12 16	2 2	UBN		
97	JA2KKA	12 12	2 2	6 6	2 2	UBN		
98	DK1TBL	6 42	2 7	6 21	1 2	UBN		

99	LU6UAL	-	-	-	-	UBN		
		4	1	4	1			

SINGLE-OP 15M HIGH

Line	Callsign	Score Final/Cmld	QSOs Cfm/Cmld	Points Cfm/Cmld	Mults Cfm/Cmld	Public	Operator (-s)	Files
1	UN9GD	5522 5907	127 136	502 537	11 11	UBN		
2	9A3VM	2496 3024	58 60	208 216	12 14	UBN		
3	R0AA	2250 2322	96 99	375 387	6 6	UBN		
4	R7AW	1152 1520	47 49	144 152	8 10	UBN		
5	PY1VOY	1071 1500	30 38	119 150	9 10	UBN		
6	LZ1MS	900 1150	27 31	100 115	9 10	UBN		
7	RW6K	774 900	25 26	86 90	9 10	UBN		
8	YT8A	360 360	19 19	72 72	5 5	UBN	YU1EA	
9	RZ6FA	312 312	15 15	52 52	6 6	UBN		
10	RW9LL	252 504	17 23	63 84	4 6	UBN		

SINGLE-OP 15M LOW

Line	Callsign	Score Final/Cmld	QSOs Cfm/Cmld	Points Cfm/Cmld	Mults Cfm/Cmld	Public	Operator (-s)	Files
1	UN8PT	2344 2754	75 79	293 306	8 9	UBN		
2	RA0AY	1953 2065	72 76	279 295	7 7	UBN		
3	YL3JI	108 155	7 8	27 31	4 5	UBN		
3	YU1RA	108 108	7 7	27 27	4 4	UBN		

SINGLE-OP 10M HIGH

Line	Callsign	Score Final/Cmld	QSOs Cfm/Cmld	Points Cfm/Cmld	Mults Cfm/Cmld	Public	Operator (-s)	Files
1	UA6AK	10 10	2 2	5 5	2 2	UBN		

SINGLE-OP SAT

Line	Callsign	Score Final/Cmld	QSOs Cfm/Cmld	Points Cfm/Cmld	Mults Cfm/Cmld	Public	Operator (-s)	Files
1	JK2XXK/8	82750 87750	331 351	8275 8775	10 10	UBN	JK2XXK	
2	RN6MA	43175 44550	157 162	3925 4050	11 11	UBN		
3	UN6LN	32850 34425	146 153	3650 3825	9 9	UBN		
4	7L1ETP	17700 19650	118 131	2950 3275	6 6	UBN		
5	R3KK	15450 19950	103 114	2575 2850	6 7	UBN		
6	JN1KWR	12200 16625	122 133	3050 3325	4 5	UBN		
7	R0CQ	11550 19600	66 98	1650 2450	7 8	UBN		
8	JK3HFN	9000 11625	90 93	2250 2325	4 5	UBN		
9	E21EJC	5200 5200	26 26	650 650	8 8	UBN		
10	JH4MGU	4000 4100	40 41	1000 1025	4 4	UBN		

11	JE4KQH	3675 3675	49 49	1225 1225	3 3	UBN		
12	JA9KRO	3525 3900	47 52	1175 1300	3 3	UBN		
13	JR8QFG	3300 3400	33 34	825 850	4 4	UBN		
14	OM0AS	3150 3325	18 19	450 475	7 7	UBN		
15	A65BR	2850 2850	19 19	475 475	6 6	UBN	RV9AX	
16	DJ8MS	2250 2400	15 16	375 400	6 6	UBN		
17	JS2GGD	1950 2250	26 30	650 750	3 3	UBN		
18	JG1BOK	1725 1800	23 24	575 600	3 3	UBN		
19	OM5CM	1250 1500	10 12	250 300	5 5	UBN		
20	JH0BBE	1100 1100	11 11	275 275	4 4	UBN		
21	JR8OGB	1000 1575	20 21	500 525	2 3	UBN		
22	JJ0VWL/0	900 900	18 18	450 450	2 2	UBN		
23	JJ2JQF/1	900 900	12 12	300 300	3 3	UBN	JJ2JQF	
24	JA1GZK	825 825	11 11	275 275	3 3	UBN		
25	7N1PFW/1	775 850	31 34	775 850	1 1	UBN	7N1PFW	
26	JH8CLC/7	750 825	30 33	750 825	1 1	UBN	JH8CLC	
27	JA1VVH	700 1425	14 19	350 475	2 3	UBN		
28	JA9KRO/9	675 4350	27 58	675 1450	1 3	UBN	JA9KRO	
29	JO1LDY/1	550 850	22 34	550 850	1 1	UBN	JO1LDY	
30	JJ3RGT	500 500	20 20	500 500	1 1	UBN		
31	R1961AG	500 500	10 10	250 250	2 2	UBN	UI4F	
32	RZ0CQ	500 550	10 11	250 275	2 2	UBN		
33	JL1CGT	475 550	19 22	475 550	1 1	UBN		
34	JH0RNN	450 600	9 12	225 300	2 2	UBN		
35	JE8ASA	425 2400	17 32	425 800	1 3	UBN		
36	JE2PHJ	400 550	8 11	200 275	2 2	UBN		
37	JG3SUQ	400 400	16 16	400 400	1 1	UBN		
38	RN0CW	350 400	7 8	175 200	2 2	UBN		
39	JA8FXG	325 2300	13 23	325 575	1 4	UBN		
40	BG7XWF	300 700	4 7	100 175	3 4	UBN		
41	DU9JJY	250 750	10 15	250 375	1 2	UBN		
42	JG2TSL	250 550	10 11	250 275	1 2	UBN		
43	JH4MPR	200 275	8 11	200 275	1 1	UBN		
44	JP1FOS	200 200	8 8	200 200	1 1	UBN		
45	JA6RGD	150 175	6 7	150 175	1 1	UBN		

46	JH1RYE	125 150	5 6	125 150	1 1	UBN	
47	JA7KPI	100 225	2 3	50 75	2 3	UBN	
48	JR0BUL	100 100	4 4	100 100	1 1	UBN	
49	JE9BGB/1	75 75	3 3	75 75	1 1	UBN	
50	JR6QFV/9	75 200	3 4	75 100	1 2	UBN	JR6QFV
51	JH0CZQ	50 100	2 4	50 100	1 1	UBN	
52	7L2KOZ/1	25 25	1 1	25 25	1 1	UBN	7L2KOZ
53	7N2JZT	25 25	1 1	25 25	1 1	UBN	
54	JF1KIC	25 25	1 1	25 25	1 1	UBN	
55	JG0AWE	25 25	1 1	25 25	1 1	UBN	
56	JG2NUD	25 25	1 1	25 25	1 1	UBN	
57	JH1JBP	25 25	1 1	25 25	1 1	UBN	
58	JH9AUB	25 25	1 1	25 25	1 1	UBN	
59	DL6AP	- 125	- 5	- 125	- 1	UBN	
60	JF2LNC	- 25	- 1	- 25	- 1	UBN	
61	JK7BEJ	- 25	- 1	- 25	- 1	UBN	

SINGLE-OP SAT-GS

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	E70T	32100 38025	107 119	2675 2925	12 13	UBN		
2	9A2EY	30600 33800	102 104	2550 2600	12 13	UBN		
3	SP8NR	30000 34450	100 106	2500 2650	12 13	UBN		
4	G4WFQ	28600 33300	104 111	2600 2775	11 12	UBN		
5	DF2ET	28500 31500	95 105	2375 2625	12 12	UBN		
6	DL5XL	27225 31200	99 104	2475 2600	11 12	UBN		
7	PY2RN	27000 30225	90 93	2250 2325	12 13	UBN		
8	DF2CK	26750 43875	108 119	2675 2925	10 15	UBN		
9	DL5GAC	26400 30300	96 101	2400 2525	11 12	UBN		
10	DL7ARV	26400 30600	96 102	2400 2550	11 12	UBN		
11	DL9AJ	25850 33150	94 102	2350 2550	11 13	UBN		
12	G4ZFE	25850 28800	94 96	2350 2400	11 12	UBN		
13	IK1IYU	25850 30000	94 100	2350 2500	11 12	UBN		
14	R5AO	25850 30300	94 101	2350 2525	11 12	UBN		
15	LZ1JH	25575 33475	93 103	2325 2575	11 13	UBN		
16	SP3BGD	25300 31850	92 98	2300 2450	11 13	UBN		
17	MI0ILE	24475 30000	89 100	2225 2500	11 12	UBN		

18	SP2GUB	24475 32175	90 103	2225 2475	11 13	UBN	
19	DJ7AO	24200 27000	88 90	2200 2250	11 12	UBN	
20	YO2CMI	22800 26650	76 82	1900 2050	12 13	UBN	
21	DJ2QV	22500 22800	75 76	1875 1900	12 12	UBN	
22	I2SVA	21900 23400	73 78	1825 1950	12 12	UBN	
23	M0SKN	21750 26950	87 98	2175 2450	10 11	UBN	
24	SV1JG	20250 20750	81 83	2025 2075	10 10	UBN	
25	EU2AA	19800 30300	88 101	2200 2525	9 12	UBN	
26	YO9FLD	19500 23650	78 86	1950 2150	10 11	UBN	
27	YO9CMC	18750 32900	75 94	1875 2350	10 14	UBN	
28	DJ0MY	18500 20900	74 76	1850 1900	10 11	UBN	
29	HA3HK	18500 22550	74 82	1850 2050	10 11	UBN	
30	RA3DNC	18400 25500	92 102	2300 2550	8 10	UBN	
31	3B8FA	18000 22050	80 98	2000 2450	9 9	UBN	
32	OK1FWG	17750 19000	71 76	1775 1900	10 10	UBN	
33	4O4A	17500 20350	70 74	1750 1850	10 11	UBN	
34	G4GIR	17250 23400	69 78	1725 1950	10 12	UBN	
35	HB9AOF	17000 17750	68 71	1700 1775	10 10	UBN	
36	EA5GX	16200 17775	72 79	1800 1975	9 9	UBN	
37	R7MC	16000 17875	64 65	1600 1625	10 11	UBN	
38	TR8CA	15975 17325	71 77	1775 1925	9 9	UBN	F6BCL
39	VU2LBW	15525 20625	69 75	1725 1875	9 11	UBN	
40	IZ2CPS	15500 15750	62 63	1550 1575	10 10	UBN	
41	DL1ZU	15000 18700	60 68	1500 1700	10 11	UBN	
42	EA2AA	14250 19500	57 65	1425 1625	10 12	UBN	
43	OM2DT	14025 17100	51 57	1275 1425	11 12	UBN	
44	DJ4RAM	13725 15750	61 63	1525 1575	9 10	UBN	
45	PA2V	13200 13475	48 49	1200 1225	11 11	UBN	
46	PT2AW	12375 13725	55 61	1375 1525	9 9	UBN	
47	OE3DSB	12250 12500	49 50	1225 1250	10 10	UBN	
48	OK1DX	12250 13250	49 53	1225 1325	10 10	UBN	
49	B0/BA4TB	12200 24075	61 107	1525 2675	8 9	UBN	BA4TB
50	DL1AKP	12150 12825	54 57	1350 1425	9 9	UBN	
51	PA3FYM	11700 16225	52 59	1300 1475	9 11	UBN	
52	DL1MGZ	11400 12400	57 62	1425 1550	8 8	UBN	E77ZM

53	YO6UO	11400 16500	57 60	1425 1500	8 11	UBN	
54	DF7CB	10800 11000	54 55	1350 1375	8 8	UBN	
55	PP2CC	10350 11025	46 49	1150 1225	9 9	UBN	
56	OM6AA	10150 10675	58 61	1450 1525	7 7	UBN	
57	EO50FF	9450 14400	54 64	1350 1600	7 9	UBN	UXOFF
58	G4TQM	9450 12200	54 61	1350 1525	7 8	UBN	
59	4X1AJ	9400 12750	47 51	1175 1275	8 10	UBN	
60	R7LP	9200 10800	46 48	1150 1200	8 9	UBN	
61	IV3AOL	9000 9250	36 37	900 925	10 10	UBN	
62	VU2EEI	8925 9975	51 57	1275 1425	7 7	UBN	
63	PA2ST	8575 10200	49 51	1225 1275	7 8	UBN	
64	SQ5NRY	8400 8800	42 44	1050 1100	8 8	UBN	
65	I6IQX	7400 10125	37 45	925 1125	8 9	UBN	
66	EA3AGB	7200 10575	36 47	900 1175	8 9	UBN	
67	RD7P	7000 9000	40 45	1000 1125	7 8	UBN	
68	PR8KW	6475 7000	37 40	925 1000	7 7	UBN	
69	UXOFF	5250 5250	30 30	750 750	7 7	UBN	
70	DJ0JJ	5075 9250	29 37	725 925	7 10	UBN	
71	LZ1ZB	3125 3750	25 30	625 750	5 5	UBN	
72	HB9EKO	2600 4800	26 32	650 800	4 6	UBN	
73	F6ICX	2375 19800	19 72	475 1800	5 11	UBN	
74	RA3DRC	2000 2600	20 26	500 650	4 4	UBN	
75	DL2QB	1575 1650	21 22	525 550	3 3	UBN	
76	RA3S	1500 1800	10 12	250 300	6 6	UBN	
77	DL9QJ	700 700	7 7	175 175	4 4	UBN	
78	DP0POL/MM	675 825	9 11	225 275	3 3	UBN	DL3LRM
79	9A5YY	250 300	5 6	125 150	2 2	UBN	
80	R7MU	225 625	3 5	75 125	3 5	UBN	
81	SP3AU	25 225	1 3	25 75	1 3	UBN	

MULTI-ONE

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	RA5G	1220940 1294440	1772 1846	13566 14070	90 92	UBN	R3GG R3GM R5RA R0AI RG5G RN3GQ RU3GX	
2	RT9L	607104 664975	1328 1402	9486 9925	64 67	UBN	R8LA, R09L, UA9LAO, R9LY	
3	RT2C	533301 569704	1377 1435	7729 8024	69 71	UBN	RY3D RV3FF RK3TD	
4	9A7T	245400 274381	775 819	4908 5177	50 53	UBN	9A5MR, 9A5B	

5	RK9CYA	161910 182352	508 531	3598 3799	45 48	UBN	RK9CR, UC8C	
6	VE9ML	119886 144056	465 493	3074 3274	39 44	UBN	VE9ML VE9BK	
7	S51DX	58410 64480	397 411	1947 2015	30 32	UBN		
8	YO3GNF	51516 52326	317 324	1908 1938	27 27	UBN	YO3GNF, YO8ENF	
9	UW7RWA	14484 15045	118 122	852 885	17 17	UBN	UZ1RM , UTOROM	
10	N1SOH	840 840	24 24	105 105	8 8	UBN	N1SOH W1FM	
11	JK2VOC	600 600	16 16	60 60	10 10	UBN	JK2VOC, JO4GGO	
12	R0MM	- 3192	- 48	- 228	- 14	UBN	R0MM RA0LHX RA0LSO TEAMUR SOLODKOV	

SINGLE-OP SWL

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
1	R4C-7	135 159	53 59	135 159	- -	UBN	RW4CLF	
2	LZ1001SWL	96 141	42 48	96 141	- -	UBN		
3	SP3CMX	42 44	30 36	42 44	- -	UBN		
4	HA1-0013	31 40	19 26	31 40	- -	UBN		
5	JA0JHQ	12 24	8 14	12 24	- -	UBN		
6	R4F-85	4 54	4 20	4 54	- -	UBN		

CHECKLOG

Line	Callsign	Score Final/Clmd	QSOs Cfm/Clmd	Points Cfm/Clmd	Mults Cfm/Clmd	Public	Operator (-s)	Files
	4Z4AK	-	-	-	-	UBN		
	CO6WIL	-	-	-	-	UBN		
	DH1TST	-	-	-	-	UBN		
	DJ5MW	-	-	-	-	UBN		
	DJ8UL	-	-	-	-	UBN		
	DK9VS	-	-	-	-	UBN		
	DL2DXA/P	-	-	-	-	UBN		
	DL5DBY	-	-	-	-	UBN		
	DL6KBG	-	-	-	-	UBN		
	DL6NAV	-	-	-	-	UBN		
	DL6OCM	-	-	-	-	UBN		
	DL7JOM	-	-	-	-	UBN		
	DL8FMA/P	-	-	-	-	UBN		
	DL8IH	-	-	-	-	UBN		
	DL8ULF	-	-	-	-	UBN		
	E74Y	-	-	-	-	UBN		
	E76C	-	-	-	-	UBN		

EA/W1VE	-	-	-	-	UBN	
EA4OR	-	-	-	-	UBN	
EA5ITT	-	-	-	-	UBN	
EC1RS	-	-	-	-	UBN	
EC3A	-	-	-	-	UBN	
EI6KW	-	-	-	-	UBN	
F6FNG	-	-	-	-	UBN	
HA0GK	-	-	-	-	UBN	
HA2EOA	-	-	-	-	UBN	
HA2ZB	-	-	-	-	UBN	
HA3HX	-	-	-	-	UBN	
IK2A00	-	-	-	-	UBN	
IN3HJA	-	-	-	-	UBN	
IT9RZU	-	-	-	-	UBN	
IZ3QFG	-	-	-	-	UBN	
JH1CTV	-	-	-	-	UBN	
JH7PKU/0	-	-	-	-	UBN	JH7PKU
JN2QCV	-	-	-	-	UBN	
JN3TSY	-	-	-	-	UBN	
JR1XKU	-	-	-	-	UBN	
JR6RMK	-	-	-	-	UBN	
K3WW	-	-	-	-	UBN	
K7QA	-	-	-	-	UBN	
KP4SX	-	-	-	-	UBN	
KR2Q	-	-	-	-	UBN	
LY3BA	-	-	-	-	UBN	
LY4L	-	-	-	-	UBN	
LY9A	-	-	-	-	UBN	
LZ1ND	-	-	-	-	UBN	
LZ2VP	-	-	-	-	UBN	
LZ5QZ	-	-	-	-	UBN	
N2JW	-	-	-	-	UBN	
OH8SE	-	-	-	-	UBN	
OM3CAQ	-	-	-	-	UBN	
OM7SR	-	-	-	-	UBN	

ON6PQ	-	-	-	-	UBN	
ON6QO	-	-	-	-	UBN	
PA0VAJ	-	-	-	-	UBN	
PA1FJ	-	-	-	-	UBN	
PA2REH	-	-	-	-	UBN	
PA3DZM	-	-	-	-	UBN	
PG7V	-	-	-	-	UBN	
PY2UDB	-	-	-	-	UBN	
R3KM	-	-	-	-	UBN	
R4ACY	-	-	-	-	UBN	
R6MW	-	-	-	-	UBN	
R7HF	-	-	-	-	UBN	
R8CBP	-	-	-	-	UBN	
R9AE	-	-	-	-	UBN	
RD9CX	-	-	-	-	UBN	
RT3A	-	-	-	-	UBN	
RT4F	-	-	-	-	UBN	RK4FD
RU9I	-	-	-	-	UBN	
RW0A	-	-	-	-	UBN	RA0AM RG0A RM0A RW0AR RZ0AT R0AS RA0AAC UA0ADX
RW5CW	-	-	-	-	UBN	
S57DX	-	-	-	-	UBN	
SC3A	-	-	-	-	UBN	SM3WMU
SM0Q	-	-	-	-	UBN	SM0OGQ
SP3BP	-	-	-	-	UBN	
SV2SIF	-	-	-	-	UBN	
UA0LKD	-	-	-	-	UBN	
UA1ALD	-	-	-	-	UBN	
UA4CBJ	-	-	-	-	UBN	
UT5ZC	-	-	-	-	UBN	
UT7LW	-	-	-	-	UBN	
UV1IX	-	-	-	-	UBN	
UZ5DX	-	-	-	-	UBN	
VE3TM	-	-	-	-	UBN	
W1CVE	-	-	-	-	UBN	
W9GOL	-	-	-	-	UBN	

YL2QN	-	-	-	-	UBN		
YO2SH	-	-	-	-	UBN		
YT4W	-	-	-	-	UBN	YU1DW	
YU3TA	-	-	-	-	UBN		
YU5R	-	-	-	-	UBN	YT2AAA	
ZS1II	-	-	-	-	UBN		