

CAMPIONATUL NATIONAL MULTIBAND - YO DX HF CONTEST - 2019

Clasamentul Statiilor YO

SINGLE-OP ALL HIGH MIXED FRR-MEMBER

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO3APJ	1216	5528	0	213	1177464	Electronic Log
2	YO9HP	1168	5228	0	213	1113564	Electronic Log
3	YQ6A	1224	5500	0	196	1078000	Electronic Log
4	YO4DW	1025	4688	0	176	825088	Electronic Log
5	YO4AR	679	2948	0	146	430408	Electronic Log
6	YO4SI	528	2320	0	132	306240	Electronic Log
7	YO9AYN	493	2172	0	126	273672	Electronic Log
8	YO3GNF	307	1304	0	103	134312	Electronic Log
9	YO9IKW	243	996	0	92	91632	Electronic Log
10	YO5BQQ	178	788	0	67	52796	Electronic Log

SINGLE-OP ALL LOW MIXED FRR-MEMBER

	Callsign	QSOs	Points	Penalts	Mults	Score	Type	
1	YO8NR	909	4200	0	181	760200	Electronic	Log
2	YO8AXP	933	4144	0	177	733488	Electronic	Log
3	YO7CVL	946	4204	0	169	710476	Electronic	Log
4	YO4NF	906	3896	0	175	681800	Electronic	Log
5	YO7SR	768	3372	0	141	475452	Electronic	Log
6	YO5AXF	590	2472	0	137	338664	Electronic	Log
7	YO3FFF	546	2384	0	134	319456	Electronic	Log
8	YO2GL	437	1928	0	122	235216	Electronic	Log
9	YO4FZX	469	1972	0	115	226780	Electronic	Log
10	YO7LGI	420	1804	0	121	218284	Electronic	Log
11	YO7WC	413	1780	0	118	210040	Electronic	Log
12	YO7ARZ	318	1332	0	115	153180	Electronic	Log
13	YO8GUU	293	1196	0	92	110032	Electronic	Log
14	YO7ARY	245	1084	0	90	97560	Electronic	Log
15	YO4AAC	197	892	0	76	67792	Electronic	Log
16	YO4CSL	185	824	0	63	51912	Electronic	Log
17	YO4FPF	138	568	0	61	34648	Electronic	Log
18	YO5OHC	112	464	0	57	26448	Electronic	Log
19	YO9FEB	104	472	0	50	23600	Electronic	Log
20	YO7NSP	101	436	0	54	23544	Electronic	Log
21	YO5ER	87	388	0	48	18624	Electronic	Log
22	YO5BRE	90	388	0	34	13192	Electronic	Log
23	YO4BXX	64	268	0	42	11256	Electronic	Log
24	YO2LDU	52	216	0	24	5184	Electronic	Log

MULTI-OP ALL MIXED ONE FRR-MEMBER

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YP5A	1201	5564	0	201	1118364	Electronic Log
2	YR0S	1091	4708	0	187	880396	Electronic Log
3	YO6KNE	846	3652	0	171	624492	Electronic Log
4	YO4KAK	127	604	0	55	33220	Electronic Log
5	YO2KBB	61	228	0	29	6612	Electronic Log

SINGLE-OP ALL MIXED NOVICE-TECH FRR-MEMBER

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO3JAK	189	792	0	71	56232	Electronic Log
2	YO8TND	140	684	0	58	39672	Electronic Log
3	YO3JAL	59	256	0	36	9216	Electronic Log
4	YO3IPH	52	228	0	36	8208	Electronic Log
5	YO8TMR	18	72	0	14	1008	Electronic Log
6	YO8ACC	4	24	0	4	96	Electronic Log

MULTI-OP ALL MIXED ONE OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO6KPT	283	1228	0	35	42980	Electronic Log

SINGLE-OP ALL HIGH MIXED OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO2LEA	500	2212	0	117	258804	Electronic Log

SINGLE-OP ALL HIGH SSB OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO3RU	384	1616	0	108	174528	Electronic Log
2	YO3VZ	159	692	0	70	48440	Electronic Log
3	YO7CJB	158	676	0	70	47320	Electronic Log

SINGLE-OP ALL HIGH CW OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO3RU	384	1616	0	108	174528	Electronic Log
2	YO3VZ	159	692	0	70	48440	Electronic Log
3	YO7CJB	158	676	0	70	47320	Electronic Log

SINGLE-OP ALL LOW MIXED OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YR 2019SIMPO	413	1792	0	116	207872	Electronic Log
2	YO5OAC	161	704	0	71	49984	Electronic Log

SINGLE-OP ALL LOW CW OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type	
1	YO3ND	839	3816	0	165	596640	Electronic	Log
2	YO3GCL	597	2604	0	151	393204	Electronic	Log
3	YO4TL	521	2276	0	126	286776	Electronic	Log
4	YO5DAS	514	2176	0	116	252416	Electronic	Log
5	YO2BLX	468	2060	0	117	241020	Electronic	Log
6	YO2MNZ	428	1900	0	114	216600	Electronic	Log
7	YO8AGI	394	1688	0	117	197496	Electronic	Log
8	YO3AAJ	365	1568	0	111	174048	Electronic	Log
9	YO7LYM	357	1500	0	107	160500	Electronic	Log
10	YO4ATW	330	1388	0	110	152680	Electronic	Log
11	YO8DOH	265	1116	0	84	93744	Electronic	Log
12	YO2QY	199	888	0	92	81696	Electronic	Log
13	YO5BXI	208	896	0	82	73472	Electronic	Log
14	YO2ADQ	185	804	0	89	71556	Electronic	Log
15	YO5NY	216	884	0	79	69836	Electronic	Log
16	YO7AWZ	189	844	0	76	64144	Electronic	Log
17	YO6OCT	169	736	0	73	53728	Electronic	Log
18	YO5CDF	139	612	0	49	29988	Electronic	Log
19	YO7AHR	130	552	0	46	25392	Electronic	Log
20	YO4AH	93	416	0	47	19552	Electronic	Log
21	YO5CHJ	72	296	0	44	13024	Electronic	Log
22	YO7AKY	51	200	0	37	7400	Electronic	Log
23	YO4RIW	14	64	0	6	384	Electronic	Log

SINGLE-OP ALL LOW SSB OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type	
1	YO8BLM	207	872	0	85	74120	Electronic	Log
2	YO8RZJ	219	916	0	78	71448	Electronic	Log
3	YO5DDD	175	744	0	86	63984	Electronic	Log
4	YO8THG	178	748	0	77	57596	Electronic	Log
5	YO3DIU	149	624	0	66	41184	Electronic	Log
6	YO3FLM	119	500	0	59	29500	Electronic	Log
7	YO2MNE	121	492	0	52	25584	Electronic	Log
8	YO5PVZ	110	456	0	53	24168	Electronic	Log
9	YO9FHB	100	420	0	49	20580	Electronic	Log
10	YO9IAB	93	388	0	42	16296	Electronic	Log
11	YO7LDT	68	280	0	40	11200	Electronic	Log
12	YO8BXC	63	264	0	40	10560	Electronic	Log
13	YO7DBR	62	276	0	34	9384	Electronic	Log
14	YO8IOE	66	260	0	30	7800	Electronic	Log
15	YO5PUV/P	54	228	0	33	7524	Electronic	Log
16	YO3SN	36	156	0	23	3588	Electronic	Log
17	YO8ADN	36	148	0	22	3256	Electronic	Log
18	YO7AMK	30	124	0	18	2232	Electronic	Log
19	YO2LXW	24	100	0	19	1900	Electronic	Log
20	YO8AAZ	20	92	0	19	1748	Electronic	Log
21	YO2LIM	8	36	0	8	288	Electronic	Log
22	YO8OBG	8	32	0	7	224	Electronic	Log

SINGLE-OP 10M MIXED OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO2BBT	139	584	0	25	14600	Electronic Log
2	YO8BSE	79	320	0	21	6720	Electronic Log
3	YO4JQ	54	216	0	19	4104	Electronic Log
4	YO2SH	31	124	0	14	1736	Electronic Log
5	YO2LYL	16	64	0	7	448	Electronic Log

SINGLE-OP 15M MIXED OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO9HG	14	60	0	7	420	Electronic Log
2	YO7BPC	2	8	0	1	8	Electronic Log

SINGLE-OP 20M MIXED OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO9FYP	210	936	0	32	29952	Electronic Log
2	YO9CWY	119	540	0	28	15120	Electronic Log
3	YO8BDV	77	344	0	26	8944	Electronic Log
4	YO7LPZ	71	296	0	25	7400	Electronic Log
5	YO2DD	65	288	0	25	7200	Electronic Log
6	YO5BTZ	52	220	0	22	4840	Electronic Log
7	YO2MHF	39	156	0	21	3276	Electronic Log
8	YO2MKK	38	164	0	19	3116	Electronic Log
9	YO7HBY	32	128	0	14	1792	Electronic Log
10	YO9BI	23	96	0	12	1152	Electronic Log
11	YO9CNU	11	44	0	7	308	Electronic Log

SINGLE-OP 40M MIXED OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO5DAE	472	2144	0	44	94336	Electronic Log
2	YO5PBW	265	1108	0	36	39888	Electronic Log
3	YO2AQO	127	568	0	36	20448	Electronic Log
4	YO5ODT	133	564	0	27	15228	Electronic Log
5	YO2MJZ	41	172	0	16	2752	Electronic Log
6	YO9BHI	27	116	0	13	1508	Electronic Log
7	YO3IMD	20	88	0	12	1056	Electronic Log

SINGLE-OP 80M MIXED OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO2AQB	37	156	0	16	2496	Electronic Log
2	YO6FPW	35	44	0	8	352	Electronic Log

SINGLE-OP ALL MIXED NOVICE-TECH OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO6CDC	60	256	0	39	9984	Electronic Log
2	YO6HDC	53	224	0	36	8064	Electronic Log
3	YO6BTI	32	140	0	19	2660	Electronic Log
4	YO6MIP	30	132	0	19	2508	Electronic Log

CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1	YO2LLL	22	92	0	14	0	Electronic Log
2	YO3XN	5	24	0	5	0	Electronic Log
3	YO4ASD	8	56	0	3	0	Electronic Log
4	YO4GVC	38	164	0	22	0	Electronic Log
5	YO5OHB	51	208	0	20	0	Electronic Log
6	YO7FEY	16	72	0	13	0	Electronic Log
7	YO9GDN	105	472	0	36	0	Electronic Log
8	YO9IGS	37	148	0	19	0	Electronic Log
9	YR9F	1312	5980	0	204	0	Electronic Log

Final Results of YO DX Contest 2019

Non YO Stations

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#	Callsign	QSO	Points	Mults	Score
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MULTI-OP ALL MIXED ONE

1	RF9C	996	4634	311	1441174
2	SP8R	1190	3702	292	1080984
3	HG6N	1002	3175	278	882650
4	SI9AM	984	3016	257	775112
5	UR4RWW	813	2626	255	669630
6	RC9J	578	2536	143	362648
7	RK9LWA	393	1754	135	236790
8	OL1B	361	1202	166	199532
9	UW6M	276	1052	115	120980
10	DA0N	228	965	110	106150
11	YU1ANO	248	756	107	80892
12	HF1919PS	198	624	111	69264
13	LG80T	133	491	96	47136
14	R8IZ	163	705	60	42300
15	EW8WA	118	538	68	36584
16	DF0RW	84	231	54	12474
17	IQ3ME	61	226	43	9718
18	DK0RA	32	102	20	2040
19	BG4HYK	15	54	9	486
20	JK2VOC	13	52	9	468

SINGLE-OP 10M MIXED

1	SN4A	441	624	54	33696
2	YL2TD	178	592	56	33152
3	G0ORH	242	539	55	29645
4	IK4LZH	116	452	45	20340
5	SM6IQD	111	400	43	17200
6	F5NBX	118	383	40	15320
7	UA6AK	231	359	40	14360
8	PA5WT	93	334	39	13026
9	YL2LW	62	294	35	10290
10	UY7RR	74	261	33	8613
11	R2EA	64	237	35	8295
12	DL6KVA	53	194	29	5626
13	DJ3RA	45	167	33	5511
14	OK2ABU	68	214	24	5136
15	UY5QZ	61	171	27	4617
16	R6KEE	102	163	28	4564

17	EA5BY	44	125	24	3000
18	OK1DSA	23	64	15	960
19	TA1UT	2	5	2	10
20	SP2HMY	1	1	1	1

SINGLE-OP 15M MIXED

1	4X1VF	195	960	59	56640
2	RW3YA	179	620	59	36580
3	UN4PG	138	637	51	32487
4	EA5IHK	243	266	39	10374
5	UT3EK	145	209	37	7733
6	OH4BCS	20	100	17	1700
7	SP2QCW	2	12	2	24

SINGLE-OP 20M MIXED

1	RK3BX	562	1863	82	152766
2	HG4F	620	1819	79	143701
3	UY5ZZ	518	1611	86	138546
4	UA4C	503	1510	78	117780
5	IZ8EFD	387	1327	80	106160
6	R0AA	319	1341	62	83142
7	UN0LM	283	1184	66	78144
8	OL5W	324	1013	72	72936
9	R3LC	261	920	63	57960
10	LZ2HR	353	958	58	55564
11	RX9CM	223	966	54	52164
12	LZ2PS	315	829	58	48082
13	OH1TD	220	748	64	47872
14	LY2CO	241	767	59	45253
15	N4BP	204	773	55	42515
16	UA6ARR	211	641	63	40383
17	9A/YO5OLD/P	183	602	62	37324
18	TA3ON	144	702	43	30186
19	DL6KWN	148	496	54	26784
20	R4LR	97	407	54	21978
21	LZ6C	189	533	41	21853
22	RL3T	121	424	50	21200
23	DL9ZP	124	406	44	17864
24	OH2MZA	109	375	43	16125
25	PD7CJT	116	343	42	14406
26	UX7QD	119	344	41	14104
27	DL0GEO	105	290	37	10730
28	UR3QTN	85	314	34	10676
29	SM6VWG	85	252	37	9324
30	F4FQZ	66	264	35	9240
31	VE3FJ	57	246	31	7626
32	IT9IMJ	45	210	29	6090

33	UN7ZZ	53	222	24	5328
34	LZ2FM	61	156	26	4056
35	DK5KF	40	106	22	2332
36	JG1EIQ	35	133	16	2128
37	UT5IZ	39	104	20	2080
38	PT4T	22	110	16	1760
39	HS8JWH	30	109	12	1308
40	JR3AAZ	19	89	14	1246
41	TF3VS	24	72	14	1008
42	LW1D	15	69	14	966
43	9A5CAN	15	66	14	924
44	ON9EEE	18	58	14	812
45	TA3AER	15	62	12	744
46	VR2CO	13	56	11	616
47	SP3FSM	14	41	12	492
48	PY5QW	8	44	8	352
49	YB4FIK	7	44	5	220
50	UT9EZ	8	27	8	216
51	UA1CEG/P	7	21	7	147
52	G3SQU/P	7	18	6	108
53	OZ/DL1CJ	7	16	6	96
54	PY5FO	3	12	3	36
55	PY4ARS	2	12	2	24
56	JH0ROS/1	2	8	2	16
57	SQ3PMX	1	8	1	8
58	RU4LM	1	1	1	1

SINGLE-OP 40M MIXED

1	9A1AA	572	1867	85	158695
2	LY2MM	541	1733	79	136907
3	US1VM	298	983	65	63895
4	UR7QC	271	915	68	62220
5	HA8TP	289	857	67	57419
6	9A3LG	250	753	64	48192
7	UA9SMU	205	909	53	48177
8	HA1RJ	235	789	60	47340
9	UT2UB	265	759	59	44781
10	EU8F	501	688	58	39904
11	LZ1DQ	184	652	56	36512
12	YL3GQ	195	691	50	34550
13	DK2FG	225	599	57	34143
14	RA6GW	121	476	62	29512
15	LY4BF	156	486	52	25272
16	S58MU	135	439	49	21511
17	UN7ZW	130	545	39	21255
18	OL6D	143	435	48	20880
19	LZ2OG	94	344	42	14448

20	DF8AE	95	274	42	11508
21	RM5F	62	234	38	8892
22	YL2PP	70	252	35	8820
23	TA4CS	55	297	28	8316
24	LZ2ZY	37	216	28	6048
25	SQ3WW	51	191	31	5921
26	LZ1MC	54	192	28	5376
27	UZ0U	41	171	25	4275
28	LZ2FN	59	169	24	4056
29	SQ7LQJ	34	126	26	3276
30	UX2HB	45	144	22	3168
31	SV9RPE	29	104	20	2080
32	LZ2CH	26	74	19	1406
33	JA2KKA	14	72	10	720

SINGLE-OP 80M MIXED

1	LY9A	312	969	63	61047
2	R3ZZ	283	879	65	57135
3	YU1ED	232	737	62	45694
4	YT1WA	249	735	58	42630
5	LY2A	220	690	59	40710
6	Z39Z	156	573	56	32088
7	OK1AY	174	530	57	30210
8	YU5T	134	510	53	27030
9	SP9DLY	115	377	49	18473
10	EN5V	103	346	44	15224
11	UA3LEO	73	264	41	10824
12	Z33F	49	205	29	5945
13	LY2LF	46	138	23	3174
14	UA1OM	35	118	21	2478
15	LY2SQ	46	116	21	2436
16	HG315VA	34	105	23	2415
17	JA5NSR	4	8	2	16

SINGLE-OP ALL HIGH CW

1	RG9A	1234	5511	316	1741476
2	YL7X	1262	4091	326	1333666
3	9A7DX	1165	3720	337	1253640
4	RK3ER	1123	3529	315	1111635
5	R9CW	903	3990	265	1057350
6	RM1T	1067	3281	285	935085
7	RM2D	819	2713	263	713519
8	HG6O	933	2699	248	669352
9	OG55W	828	2665	238	634270
10	R4IO	682	2384	257	612688
11	R3OM	694	2373	254	602742
12	SM6E	816	2554	232	592528

13	RC3M	674	2223	223	495729
14	RT5C	535	1994	240	478560
15	DL4ME	678	2043	224	457632
16	OZ3SM	579	1935	216	417960
17	UW5U	754	2104	196	412384
18	RA3NC	530	1763	227	400201
19	Z35Y	746	2143	184	394312
20	YL5X	522	1820	208	378560
21	IZ8VYU	450	1773	207	367011
22	IZ2GRG	499	1755	209	366795
23	RT4M	580	1829	196	358484
24	LA0CX	554	1756	190	333640
25	F8DGY	554	1697	191	324127
26	MM3N	489	1546	197	304562
27	SN6A	457	1732	175	303100
28	RU5TT	528	1620	178	288360
29	SQ8LUU	529	1530	173	264690
30	HA9PP	479	1475	172	253700
31	OK1VK	306	1249	203	253547
32	LZ4A	487	1381	169	233389
33	LA8OM	430	1326	176	233376
34	I3VJW	327	1241	177	219657
35	OZ2TF	394	1296	166	215136
36	SD6M	437	1351	153	206703
37	I2IFT	345	1142	176	200992
38	YL1ZF	400	1316	152	200032
39	EA1XT	484	1376	139	191264
40	OM3CPF	374	1121	157	175997
41	SD1A	379	1170	150	175500
42	SN5N	403	1348	128	172544
43	AA3B	327	1461	117	170937
44	UN7LZ	176	1408	116	163328
45	RD0A	333	1383	113	156279
46	E74X	310	1087	139	151093
47	R4ACY	310	1013	143	144859
48	LZ1YE	393	1056	137	144672
49	DL5YL	312	1001	144	144144
50	SP3VT	410	1253	109	136577
51	R3CW	285	987	131	129297
52	R3ST	246	893	138	123234
53	RQ9O	258	1065	106	112890
54	Z33B	292	919	105	96495
55	LZ3FN	232	718	128	91904
56	M1X	271	772	119	91868
57	DD7CW	241	842	107	90094
58	OM3CW	307	863	104	89752
59	DL1BUG	220	685	124	84940

60	DL5YM	216	785	102	80070
61	EW1TZ	218	722	98	70756
62	UN9GD	203	835	83	69305
63	PA4O	190	678	99	67122
64	EA5FIV	211	694	96	66624
65	RD3AT	190	660	95	62700
66	UN5G	183	786	76	59736
67	RK7F	206	692	81	56052
68	F6HDI	130	576	96	55296
69	K3UL	158	689	78	53742
70	G4BUO	165	561	88	49368
71	K1IMI	139	641	75	48075
72	DG0KS	142	531	84	44604
73	DL5AXX	150	552	79	43608
74	IW3FVZ	152	462	75	34650
75	PA2A	138	470	73	34310
76	OH2BN	180	552	58	32016
77	DL9SEV	146	478	66	31548
78	SM7IUN	119	435	72	31320
79	R7AT	127	447	69	30843
80	LZ30OJ	158	410	71	29110
81	K3ZO	95	454	58	26332
82	K4RUM	105	443	55	24365
83	DK0SU	106	347	68	23596
84	PA5N	100	364	61	22204
85	OE3BKC	89	329	59	19411
86	W1KM	70	365	51	18615
87	N9NC	77	353	49	17297
88	LU1AW	70	331	48	15888
89	HA5NR	104	260	57	14820
90	IU1JCZ	94	264	50	13200
91	SA0BXV	79	255	45	11475
92	G3SVK	92	280	39	10920
93	JO7KMB	65	288	36	10368
94	LA2US	74	226	45	10170
95	UV5QQ	83	242	42	10164
96	RU0LL	78	289	34	9826
97	UI3A	64	229	38	8702
98	GD4EIP	49	144	34	4896
99	W1FJ	34	165	27	4455
100	K4MM	34	170	26	4420
101	DL4UNY	25	111	18	1998
102	UN7QF	21	91	17	1547
103	DL2ZBO	23	70	18	1260
104	N3AM	10	46	8	368
105	DF5BX	10	31	10	310
106	UA3DSN	8	27	7	189

107	GB0SNB	12	20	7	140
108	NX6T	8	24	5	120
109	W4CU	8	15	4	60

SINGLE-OP ALL HIGH MIXED

1	UA5C	1537	5411	362	1958782
2	G4R	1315	4328	323	1397944
3	IK3UNA	1001	3465	295	1022175
4	N2YO	738	3284	183	600972
5	LY7T	709	2427	244	592188
6	LY2AX	673	2376	222	527472
7	R4BZ	548	1968	231	454608
8	OG7F	693	2193	201	440793
9	YT9M	676	1863	203	378189
10	OK1OA	546	1816	200	363200
11	SP4G	462	1791	158	282978
12	DL1NKS	417	1393	188	261884
13	RM2U	310	1090	142	154780
14	UX2MF	265	1029	121	124509
15	UA9BA	243	1099	98	107702
16	SP1JQJ	235	858	124	106392
17	PB7Z	199	690	123	84870
18	UA1F	189	812	104	84448
19	OZ7EA	185	656	106	69536
20	DK5DQ	178	693	90	62370
21	UA6AA	216	660	92	60720
22	R6AP	177	535	107	57245
23	OK6CX	166	518	91	47138
24	RT2C	137	552	83	45816
25	AI4WW	164	624	71	44304
26	DJ9RR	82	620	63	39060
27	R1LN	113	338	52	17576
28	K3WW	91	380	36	13680
29	K4BAI	72	294	42	12348
30	N3UA	31	156	25	3900
31	PE1BQE	44	112	28	3136
32	XR2K	26	134	18	2412
33	PD0WR	27	96	17	1632
34	ES1BH	28	68	15	1020
35	VA2UR	18	74	13	962
36	VO1MP	11	64	10	640

SINGLE-OP ALL HIGH SSB

1	SQ1OD	521	2079	219	455301
2	IW2HAJ	352	1309	158	206822
3	DR50DIG	301	1275	150	191250
4	IZ1DGG	225	1015	135	137025

5	DG1IU	289	1099	113	124187
6	SI3A	225	863	113	97519
7	SM7DQV	180	783	113	88479
8	RW1CW	127	585	82	47970
9	YL3CW	104	504	73	36792
10	G1E	99	373	66	24618
11	R2GB	75	370	64	23680
12	F1GRH	86	348	58	20184
13	LC5C	97	284	61	17324
14	DL4VCV	71	271	56	15176
15	DF8VV	69	278	54	15012
16	TA1API	54	323	39	12597
17	IK5IFH	56	270	39	10530
18	F1ADG	58	213	41	8733
19	DG7NFX	38	210	30	6300
20	A42K	46	207	29	6003
21	DL5RF	25	170	23	3910
22	IU3GLW	30	138	25	3450
23	SA5HUB	20	47	16	752
24	I0MQV	13	41	9	369
25	TA1IUY	2	6	2	12
26	TA1OES	1	2	1	2

SINGLE-OP ALL LOW CW

1	UR7MZ	864	3161	305	964105
2	R7MM	938	3103	296	918488
3	UA2FL	972	3218	266	855988
4	UA5F	810	2796	300	838800
5	DL1CW	868	2714	267	724638
6	SP1AEN	712	2475	255	631125
7	EW8OM	798	2582	225	580950
8	R7CT	616	2043	264	539352
9	EA5UF	773	2326	230	534980
10	SP2MKI	708	2278	233	530774
11	OK2MBP	721	2270	231	524370
12	EV6Z	704	2276	227	516652
13	UA6CC	631	2008	244	489952
14	RA9AP	555	2478	183	453474
15	UC5D	590	1992	219	436248
16	E77EA	579	1870	219	409530
17	UA6LCJ	521	1818	217	394506
18	UA3RBR	579	1962	194	380628
19	UA6GO/MM	447	2088	177	369576
20	R3VL	455	1652	209	345268
21	UG4A	498	1708	199	339892
22	RT7C	474	1616	197	318352
23	SP4AWE	494	1623	190	308370

24	OK4RQ	401	1528	196	299488
25	IV3FPX	446	1576	190	299440
26	RW3AI	479	1533	194	297402
27	YU1YV	508	1616	178	287648
28	OV3X	419	1465	196	287140
29	SP2R	455	1538	184	282992
30	YT1Q	510	1548	177	273996
31	IT9PPG	463	1583	167	264361
32	UW1WU	513	1383	181	250323
33	RA3AN	397	1411	174	245514
34	UT5NR	506	1408	173	243584
35	HA7MF	485	1404	172	241488
36	UA9CTT/6	397	1366	176	240416
37	UA6HFI	408	1319	179	236101
38	SV1ENG	413	1408	149	209792
39	IU8HPD	298	1201	165	198165
40	9A2EY	385	1289	152	195928
41	EU8R	380	1293	150	193950
42	RW9DX	309	1399	138	193062
43	EW1TO	364	1222	156	190632
44	DL1RNN	247	1063	174	184962
45	I2AZ	346	1239	149	184611
46	R3OR	339	1172	154	180488
47	EX8MJ	310	1360	127	172720
48	LA2HFA	314	1048	164	171872
49	DK3YD	331	1123	151	169573
50	UA4S	309	1128	143	161304
51	JA6GCE	341	1458	110	160380
52	OK1HEH	300	1061	151	160211
53	LZ3ZZ	385	1099	140	153860
54	ON3ND	284	980	155	151900
55	RU9TN	298	1339	112	149968
56	R1AT	309	1033	144	148752
57	OK2QX	341	1085	136	147560
58	RK3P	333	1040	139	144560
59	F6AUS	302	1012	141	142692
60	RC1W	229	954	149	142146
61	SM5CSS	277	994	143	142142
62	UN6LN	296	1277	111	141747
63	HA7PO	343	1056	134	141504
64	ER/IK1HGE	364	1032	134	138288
65	SF1Z	275	961	142	136462
66	OM4WW	290	904	150	135600
67	DG7EE	271	916	142	130072
68	UA9XF	348	989	130	128570
69	RL9L	271	1176	109	128184
70	LZ7DX	286	874	146	127604

71	RN4AO	296	986	129	127194
72	SP9JZT	350	1042	121	126082
73	IN3FHE	215	833	150	124950
74	RN9RF	254	1163	106	123278
75	IZ8GCB	282	1031	119	122689
76	UF5D	203	848	144	122112
77	RV3PN	248	928	128	118784
78	SQ9S	291	871	136	118456
79	RA3XCZ	251	844	140	118160
80	PA3DBS	260	869	133	115577
81	SD6F	271	842	136	114512
82	RN4SC	275	875	130	113750
83	SP2AEK	275	955	119	113645
84	US3IZ	234	841	134	112694
85	PG2AA	270	888	126	111888
86	R2UZ	234	855	129	110295
87	DL3KWF	243	814	135	109890
88	LZ1VQ	284	859	127	109093
89	DA3T	234	834	130	108420
90	UT4LW	233	854	125	106750
91	Z36W	354	901	118	106318
92	EU4U	267	869	121	105149
93	R7AC	238	815	126	102690
94	SF0A	276	879	116	101964
95	EA5ITT	274	796	126	100296
96	YL3GAZ	324	1001	100	100100
97	UT3UZ	248	899	110	98890
98	LZ5EE	259	765	127	97155
99	SM0HRP	274	820	118	96760
100	YL3FW	213	797	117	93249
101	RW0AJ	248	1023	91	93093
102	DL3KWR	256	771	117	90207
103	R7MT	206	738	122	90036
104	RN3S	173	700	127	88900
105	UG3G	271	817	106	86602
106	4U1A	275	786	110	86460
107	LZ3R	291	906	95	86070
108	R9XS	290	781	110	85910
109	R8WO	197	907	94	85258
110	G3KNU	197	681	122	83082
111	IK0PXD	224	750	110	82500
112	PG6F	239	732	111	81252
113	PA2W	231	660	118	77880
114	SE6N	198	712	109	77608
115	R4KO	233	693	111	76923
116	DL3TC	202	709	106	75154
117	R5FP	261	786	93	73098

118	RL6MF	210	674	108	72792
119	HA3HK	254	793	91	72163
120	UN7LDR	197	879	78	68562
121	DL1THB	191	600	109	65400
122	RD3FT	179	640	101	64640
123	OE9WGI	216	629	102	64158
124	UA3MIF	156	588	106	62328
125	I1WQR	186	674	91	61334
126	S55N	203	638	95	60610
127	RD1T	175	636	95	60420
128	PC3T	197	661	87	57507
129	SM6NT	187	546	102	55692
130	SP3DOF	219	700	79	55300
131	IC8FBU	167	576	81	46656
132	RT4H	133	499	92	45908
133	F6IRA	153	528	85	44880
134	DL5DTG	141	532	83	44156
135	OH1TS	172	572	77	44044
136	DL9GMC	141	489	90	44010
137	RA9MX	133	582	73	42486
138	SM5ALJ	119	495	85	42075
139	UA3YDI	150	494	85	41990
140	HB9BUN	131	422	98	41356
141	DL5KUD	130	451	89	40139
142	SV9RNG	118	488	82	40016
143	OM3WZ	126	499	80	39920
144	UR3VKR	121	488	79	38552
145	HG8X	173	516	74	38184
145	OK5SA	156	444	86	38184
146	SM2BJS	161	468	81	37908
147	RA5AQ	139	456	77	35112
148	ON7CC	133	437	79	34523
149	EW6F	162	506	68	34408
150	R5AF	148	474	72	34128
151	DL1OJ	162	447	75	33525
152	M0IHT	160	441	74	32634
153	OH1HS	117	445	72	32040
154	2E0CVN	154	426	75	31950
155	CT1ELZ	128	418	76	31768
156	RU9AC	112	517	61	31537
157	R7TW	110	457	69	31533
158	IT9CKA	114	420	74	31080
159	OE5FDM	122	404	74	29896
160	OZ0B	104	371	77	28567
161	RM7F	127	415	68	28220
162	OE1XA	115	378	73	27594
163	HA0GK	128	386	71	27406

164	DL2MIH	109	361	72	25992
165	R4WT	140	412	63	25956
166	PA0RHA	103	322	76	24472
167	UA6HLP	95	340	71	24140
168	IU1LCU	111	375	64	24000
169	RX7T	111	388	61	23668
170	DL8IH	102	348	68	23664
171	OK1PFM	102	340	69	23460
172	PA3DAT	97	341	68	23188
173	OZ4FF	100	360	62	22320
174	R3NAN	116	382	58	22156
175	G3RLE	87	344	60	20640
176	SN0R	145	322	64	20608
177	R1QE	112	336	59	19824
178	DF4TS	117	379	52	19708
179	DK5WN	88	364	54	19656
180	EA5/R3AR	105	332	56	18592
181	DK5ZX	99	325	56	18200
182	4L1MA	65	330	53	17490
183	PA5GU	92	284	60	17040
184	PE2K	87	263	64	16832
184	TM1CY	99	263	64	16832
185	PA2TA	94	277	58	16066
186	HA5BA	91	262	60	15720
187	9A7RA	101	338	46	15548
188	OH5MQ	84	271	56	15176
189	LA7SI	104	302	50	15100
190	DM2RN	96	266	51	13566
191	DL1YPF	72	245	55	13475
192	PE1HWO	55	259	49	12691
193	R9QQ	77	323	39	12597
194	PA5V	85	231	54	12474
195	UR4LIN	76	260	46	11960
196	SV8/SV2BXA	67	242	48	11616
197	IK2WAD	72	228	47	10716
198	F4CVQ	53	226	45	10170
199	SM7RYR	58	236	43	10148
200	ON4CT	61	240	41	9840
201	OM3BA	69	218	45	9810
202	R7KU	82	208	47	9776
203	RX3MM	56	222	44	9768
204	OH6LW	68	210	46	9660
205	US1UU	62	209	46	9614
206	RV3DBK	63	208	46	9568
207	YT5N	83	212	44	9328
208	SQ3MZU	52	212	41	8692
209	SQ2EEQ	60	181	47	8507

210	DL3CX	65	191	38	7258
211	OM3BY	75	234	30	7020
212	RV1OM	54	186	37	6882
213	DF7CB	54	165	41	6765
214	OE1TKW	45	182	36	6552
215	JA6WFM	63	237	27	6399
216	IW3ILM	55	176	36	6336
217	PA0CT	57	172	35	6020
218	DM1TX	41	161	37	5957
219	RT8O	50	220	27	5940
220	DL2AXM	49	169	35	5915
221	PA3HCC	51	147	40	5880
222	DK9MH	49	169	34	5746
223	4K9W	44	188	30	5640
224	UT7MR	52	194	29	5626
225	PA0WKI	51	151	37	5587
226	UT7IS	64	201	26	5226
227	IK2QIK	44	134	37	4958
228	LY2BAA	50	174	28	4872
229	YL3JD	36	170	28	4760
230	PA5TT	49	153	30	4590
231	SN2W	37	130	31	4030
232	DL7UKT	39	132	29	3828
233	DL4ROB	29	147	24	3528
234	SM7ATL	37	116	29	3364
235	BH6KOK	42	162	20	3240
236	9A3DML	37	134	23	3082
237	DH8MS	25	121	25	3025
238	PA0ZAV	37	118	25	2950
239	BD7JNA	34	144	20	2880
240	F5PBL	35	102	28	2856
241	DH2URF	20	160	16	2560
242	OH1NOA	42	116	22	2552
243	R2DEM	33	92	26	2392
244	RN1AO	36	101	23	2323
245	JG2RFJ	31	132	17	2244
246	HI8A	33	118	19	2242
247	UA4FDL	33	106	21	2226
248	RW0UM	34	123	14	1722
249	DK6SP	28	97	17	1649
250	ON4LY	13	104	12	1248
251	OM4ANO	22	62	15	930
252	DL1TSM	19	58	14	812
253	HS8HEX	15	55	12	660
254	KE2D	11	57	11	627
255	UR5FCM	23	58	10	580
256	R9SS	21	62	8	496

257	F80OI	10	31	9	279
258	IS0BRQ	6	48	5	240
259	OE/YO7CKQ/M	6	38	6	228
260	JA5QJX/0	9	30	7	210
261	F4GFT	8	22	8	176
262	F3WT	8	22	7	154
263	IK2IKW	6	12	6	72
264	W3WHK	3	16	3	48
265	RC3F/P	3	8	3	24

SINGLE-OP ALL LOW MIXED

1	EU6DX	712	2765	260	718900
2	SP2GMA	721	2580	236	608880
3	SE4E	642	2157	220	474540
4	SP9H	625	2006	222	445332
5	UT3SO	579	1746	182	317772
6	RG5A/6	463	1607	193	310151
7	EW1FM	427	1587	195	309465
8	RM2T	511	1516	172	260752
9	MM3AWD	460	1353	177	239481
10	LB4UH	474	1304	151	196904
11	HG8C	380	1090	133	144970
12	YL2GP	192	1009	128	129152
13	RL4F	256	927	124	114948
14	RA7R	292	854	109	93086
15	RV3ZN	253	818	93	76074
16	LY5Q	209	824	89	73336
17	UT5EOX	152	645	97	62565
18	RA4Y	155	631	98	61838
19	ON5WL	187	640	95	60800
20	UN8PT	197	816	69	56304
21	9A3XV	150	570	87	49590
22	RA4DR	122	485	92	44620
23	PE5O	116	430	80	34400
24	OO9O	114	424	75	31800
25	SM5DXR	123	373	80	29840
26	SE6K	112	449	66	29634
27	UA4CNJ	102	415	63	26145
28	DL2MM	100	333	68	22644
29	SQ7FGT	95	341	57	19437
30	PG5V	94	316	58	18328
31	PC7E	91	280	59	16520
32	DF7XR	70	257	55	14135
33	DL7USW/P	71	257	48	12336
34	OM5CM	66	222	38	8436
35	LZ1KZ	34	152	31	4712
36	TA2BS	32	162	28	4536

37	LY5XX	41	161	28	4508
38	ZA1F	36	136	32	4352
39	SP3BBS	34	137	30	4110
40	SP9IVD	27	120	24	2880
41	R4WAB	39	115	25	2875
42	PA2DK	27	80	22	1760
43	R3VR	21	69	15	1035
44	DL0BSK	15	72	14	1008
45	BH1RGL	17	58	13	754
46	US3LX	11	63	11	693
47	HB90GKM	3	6	3	18

SINGLE-OP ALL LOW SSB

1	RZ3Z	522	2143	221	473603
2	DM5B	468	1969	213	419397
3	S56WYB	247	1040	136	141440
4	YT0W	391	1074	129	138546
5	OH6ECM	263	1043	132	137676
6	IT9FRX	240	1004	131	131524
7	OZ1KVM	195	826	124	102424
8	YU4UKI	193	786	100	78600
9	ER3CT	190	642	112	71904
10	US5QUB	150	720	95	68400
11	LZ1DM	161	612	102	62424
12	UA6YN	132	592	95	56240
13	IU3LYJ	128	594	89	52866
14	TA1HZ	142	669	79	52851
15	SE5W	121	554	76	42104
16	IK7RVY	151	650	62	40300
17	LZ3SD	141	502	77	38654
18	F4ELX/P	114	463	77	35651
19	DL8UV	108	448	75	33600
20	SV3RPQ	95	454	64	29056
21	IT9OPR	122	541	52	28132
22	PD1ABO	105	416	57	23712
23	9A6DJX	98	356	62	22072
24	4X6DK	73	384	51	19584
25	IZ0VXY	110	301	43	12943
26	OM6AT	74	220	53	11660
27	F6DRP	85	240	47	11280
28	IZ8EQG	48	236	40	9440
29	R2EL	45	228	37	8436
30	SV3SKM	38	210	28	5880
31	IW0HLZ	42	183	32	5856
32	PE1EWR	47	162	36	5832
33	OH4BNP	46	154	34	5236
34	GU0UVH	40	142	34	4828

35	RA3DQP	38	141	30	4230
36	DJ6DO	33	138	29	4002
37	DK2MB	32	107	27	2889
38	YU3MUP	27	132	17	2244
39	9A1CVG	27	112	19	2128
40	F5MLJ	20	98	19	1862
41	LZ2JU	29	99	17	1683
42	TA4RC	15	86	15	1290
43	UA9SUV/8	22	90	14	1260
44	EA1IXQ	21	66	18	1188
45	IZ3CTT	20	84	14	1176
46	IW1DQS	22	76	15	1140
47	TA2LP	12	68	12	816
48	M5AX	20	52	14	728
49	DL1DF	10	56	10	560
50	UW5EMC	14	44	10	440
51	EA4RR	10	38	7	266
52	4X0T	8	30	8	240
52	4Z5FI	8	30	8	240
53	EA3KT	9	30	7	210
54	OM0WT	7	26	7	182
55	EA3GYE	2	10	2	20
56	OM1AJT	2	4	2	8
56	PC4K	1	8	1	8

SINGLE-OP ALL MIXED NOVICE-TECH

1	LY1LB	260	1188	148	175824
2	R1ZM	244	710	115	81650
3	R0AIB	95	416	56	23296
4	DO3TIA	19	116	16	1856