

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

YO Stations

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

1	YP5A	1201	5564	201	1118364
2	YR0S	1091	4708	187	880396
3	YO6KNE	846	3652	171	624492
4	YO4KAK	127	604	55	33220
5	YO2KBB	61	228	29	6612

MULTI-OP ALL MIXED ONE OPEN

1	YO6KPT	283	1228	35	42980
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SINGLE-OP 10M MIXED OPEN

1	YO2BBT	139	584	25	14600
2	YO8BSE	79	320	21	6720
3	YO4JQ	54	216	19	4104
4	YO2SH	31	124	14	1736
5	YO2LYL	16	64	7	448

SINGLE-OP 15M MIXED OPEN

1	YO9HG	14	60	7	420
2	YO7BPC	2	8	1	8

SINGLE-OP 20M MIXED OPEN

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

SINGLE-OP 40M MIXED OPEN

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

SINGLE-OP 80M MIXED OPEN

1	YO2AQB	37	156	16	2496
2	YO6FPW	35	44	8	352

SINGLE-OP ALL HIGH CW OPEN

1	YO5LD	1174	5212	199	1037188
2	YO8OY	1013	4632	169	782808
3	YP0HQ	243	1064	74	78736
4	YO9IF	84	372	36	13392
5	YO8COQ	36	160	34	5440

SINGLE-OP ALL HIGH MIXED FRR-MEMBER

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

SINGLE-OP ALL HIGH MIXED OPEN

1	YO2LEA	500	2212	117	258804
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SINGLE-OP ALL HIGH SSB OPEN

1	YO3RU	384	1616	108	174528
2	YO3VZ	159	692	70	48440
3	YO7CJB	158	676	70	47320

SINGLE-OP ALL LOW CW OPEN

1	YO3ND	839	3616	165	596640
2	YO3GCL	597	2604	151	393204
3	YO4TL	521	2276	126	286776
4	YO5DAS	514	2176	116	252416
5	YO2BLX	468	2060	117	241020
6	YO2MNZ	428	1900	114	216600
7	YO9AGI	394	1688	117	197496
8	YO3AAJ	365	1568	111	174048
9	YO7LYM	357	1500	107	160500
10	YO4ATW	330	1388	110	152680
11	YO8DOH	265	1116	84	93744
12	YO2QY	199	888	92	81696
13	YO5BXI	208	896	82	73472
14	YO2ADQ	185	804	89	71556
15	YO5NY	216	884	79	69836
16	YO7AWZ	189	844	76	64144
17	YO6OCT	169	736	73	53728
18	YO5CDF	139	612	49	29988
19	YO7AHR	130	552	46	25392
20	YO4AH	93	416	47	19552
21	YO5CHJ	72	296	44	13024
22	YO7AKY	51	200	37	7400
23	YO4RIW	14	64	6	384

SINGLE-OP ALL LOW MIXED FRR-MEMBER

1	YO8NR	909	4200	181	760200
2	YO8AXP	933	4144	177	733488
3	YO7CVL	946	4204	169	710476
4	YO4NF	906	3896	175	681800
5	YO7SR	768	3372	141	475452
6	YO5AXF	590	2472	137	338664
7	YO3FFF	546	2384	134	319456
8	YO2GL	437	1928	122	235216
9	YO4FZX	469	1972	115	226780
10	YO7LGI	420	1804	121	218284
11	YO7WC	413	1780	118	210040
12	YO7ARZ	318	1332	115	153180
13	YO6GUU	293	1196	92	110032
14	YO7ARY	245	1084	90	97560
15	YO4AAC	197	892	76	67792
16	YO4CSL	185	824	63	51912
17	YO4FPF	138	568	61	34648
18	YO5OHC	112	464	57	26448
19	YO9FEB	104	472	50	23600
20	YO7NSP	101	436	54	23544
21	YO5ER	87	388	48	18624
22	YO5BRE	90	388	34	13192
23	YO4BXX	64	268	42	11256
24	YO2LDU	52	216	24	5184

SINGLE-OP ALL LOW MIXED OPEN

1	2019SIMPO	413	1792	116	207872
2	YO5OAC	161	704	71	49984

SINGLE-OP ALL LOW SSB OPEN

1	YO6BLM	207	872	85	74120
2	YO8RZJ	219	916	78	71448
3	YO5DDD	175	744	86	63984
4	YO8THG	178	748	77	57596
5	YO3DIU	149	624	66	41184
6	YO3FLM	119	500	59	29500
7	YO2MNE	121	492	52	25584
8	YO5PVZ	110	456	53	24168
9	YO9FHB	100	420	49	20580
10	YO9IAB	93	388	42	16296
11	YO7LDT	68	280	40	11200
12	YO9BXC	63	264	40	10560
13	YO7DBR	62	276	34	9384
14	YO9IOE	66	260	30	7800
15	YO5PUV/P	54	228	33	7524
16	YO3SN	36	156	23	3588

17	YO9ADN	36	148	22	3256
18	YO7AMK	30	124	18	2232
19	YO2LXW	24	100	19	1900
20	YO8AAZ	20	92	19	1748
21	YO2LIM	8	36	8	288
22	YO6OBG	8	32	7	224

SINGLE-OP ALL MIXED NOVICE-TECH FRR-MEMBER

1	YO3JAK	189	792	71	56232
2	YO8TND	140	684	58	39672
3	YO3JAL	59	256	36	9216
4	YO3IPH	52	228	36	8208
5	YO8TMR	18	72	14	1008
6	YO8ACC	4	24	4	96

SINGLE-OP ALL MIXED NOVICE-TECH OPEN

1	YO6CDC	60	256	39	9984
2	YO6HDC	53	224	36	8064
3	YO6BTI	32	140	19	2660
4	YO6MIP	30	132	19	2508

CHECKLOG

YO2LLL YO3XN YO4ASD YO4GVC YO5OHB YO7FEY YO9GDN YO9IGS YR9F
 DG2FDD/P DK0TU DL1LZ DL5MHR DL8AWK DO6EBB/P EA1WH EA6FO G3PLE
 G3RTU HA2MN HA3FHH HA3HX IZ1PKR/IN3 IZ2DII LA/G3SWC LY7M LZ1JZ
 M0SEV N2GM OK2FB ON4EZJ/P PY4HO R2LAC R8TT RA0AY RA3DJA RA9DZ
 RC3U RC6U SO9I SP2MHD SP2SWI UA3LID UR4IZ UT7UX UT8AS UX3I

Final Result for YO-DX 2019

Non YO Stations

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DG2FDD/P	5	10	0	4	0	Electronic Log
2.	DK0TU	28	129	0	20	0	Electronic Log
3.	DL1LZ	37	109	0	29	0	Electronic Log
4.	DL5MHR	9	22	0	6	0	Electronic Log
5.	DL8AWK	36	106	0	22	0	Electronic Log
6.	DO6EBB/P	15	65	0	13	0	Electronic Log
7.	EA1WH	71	238	0	37	0	Electronic Log
8.	EA6FO	175	580	0	70	0	Electronic Log
9.	G3PLE	28	62	0	21	0	Electronic Log
10.	G3RTU	30	88	0	27	0	Electronic Log
11.	HA2MN	39	84	0	19	0	Electronic Log
12.	HA3FHH	1	4	0	1	0	Electronic Log
13.	HA3HX	128	398	0	71	0	Electronic Log
14.	IZ1PKR/IN3	5	33	0	5	0	Electronic Log
15.	IZ2DII	104	328	0	43	0	Electronic Log
16.	LA/G3SWC	78	201	0	59	0	Electronic Log
17.	LY7M	19	56	0	14	0	Electronic Log
18.	LZ1JZ	100	224	0	48	0	Electronic Log
19.	M0SEV	5	12	0	4	0	Electronic Log
20.	N2GM	22	110	0	14	0	Electronic Log
21.	OK2FB	150	430	0	74	0	Electronic Log
22.	ON4EZJ/P	1	2	0	1	0	Electronic Log
23.	PY4HO	31	152	0	21	0	Electronic Log
24.	R2LAC	16	68	0	13	0	Electronic Log
25.	R8TT	247	1125	0	104	0	Electronic Log
26.	RA0AY	16	43	0	11	0	Electronic Log
27.	RA3DJA	37	111	0	26	0	Electronic Log
28.	RA9DZ	67	292	0	38	0	Electronic Log
29.	RC3U	20	61	0	13	0	Electronic Log
30.	RC6U	85	318	0	37	0	Electronic Log
31.	SO9I	56	194	0	24	0	Electronic Log
32.	SP2MHD	25	159	0	23	0	Electronic Log
33.	SP2SWI	1	2	0	1	0	Electronic Log
34.	UA3LID	223	933	0	146	0	Electronic Log
35.	UR4IZ	72	277	0	39	0	Electronic Log

36.	UT7UX	0	0	0	0	0	Electronic Log
37.	UT8AS	117	484	0	88	0	Electronic Log
38.	UX3I	445	1556	0	183	0	Electronic Log

MULTI-OP ALL MIXED ONE

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RF9C	996	4634	0	311	1441174	Electronic Log
2.	SP8R	1190	3702	0	292	1080984	Electronic Log
3.	HG6N	1002	3175	0	278	882650	Electronic Log
4.	SI9AM	984	3016	0	257	775112	Electronic Log
5.	UR4RWW	813	2626	0	255	669630	Electronic Log
6.	RC9J	578	2536	0	143	362648	Electronic Log
7.	RK9LWA	393	1754	0	135	236790	Electronic Log
8.	OL1B	361	1202	0	166	199532	Electronic Log
9.	UW6M	276	1052	0	115	120980	Electronic Log
10.	DA0N	228	965	0	110	106150	Electronic Log
11.	YU1ANO	248	756	0	107	80892	Electronic Log
12.	HF1919PS	198	624	0	111	69264	Electronic Log
13.	LG80T	133	491	0	96	47136	Electronic Log
14.	R8IZ	163	705	0	60	42300	Electronic Log
15.	EW8WA	118	538	0	68	36584	Electronic Log
16.	DF0RW	84	231	0	54	12474	Electronic Log
17.	IQ3ME	61	226	0	43	9718	Electronic Log
18.	DK0RA	32	102	0	20	2040	Electronic Log
19.	BG4HYK	15	54	0	9	486	Electronic Log
20.	JK2VOC	13	52	0	9	468	Electronic Log

SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SN4A	441	624	0	54	33696	Electronic Log
2.	YL2TD	178	592	0	56	33152	Electronic Log
3.	GOORH	242	539	0	55	29645	Electronic Log
4.	IK4LZH	116	452	0	45	20340	Electronic Log
5.	SM6IQD	111	400	0	43	17200	Electronic Log
6.	F5NBX	118	383	0	40	15320	Electronic Log
7.	UA6AK	231	359	0	40	14360	Electronic Log
8.	PA5WT	93	334	0	39	13026	Electronic Log
9.	YL2LW	62	294	0	35	10290	Electronic Log
10.	UY7RR	74	261	0	33	8613	Electronic Log
11.	R2EA	64	237	0	35	8295	Electronic Log
12.	DL6KVA	53	194	0	29	5626	Electronic Log
13.	DJ3RA	45	167	0	33	5511	Electronic Log

14.	OK2ABU	68	214	0	24	5136	Electronic Log
15.	UY5QZ	61	171	0	27	4617	Electronic Log
16.	R6KEE	102	163	0	28	4564	Electronic Log
17.	EA5BY	44	125	0	24	3000	Electronic Log
18.	OK1DSA	23	64	0	15	960	Electronic Log
19.	TA1UT	2	5	0	2	10	Electronic Log
20.	SP2HMY	1	1	0	1	1	Electronic Log

SINGLE-OP 15M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	4X1VF	195	960	0	59	56640	Electronic Log
2.	RW3YA	179	620	0	59	36580	Electronic Log
3.	UN4PG	138	637	0	51	32487	Electronic Log
4.	EA5IHK	243	266	0	39	10374	Electronic Log
5.	UT3EK	145	209	0	37	7733	Electronic Log
6.	OH4BCS	20	100	0	17	1700	Electronic Log
7.	SP2QCW	2	12	0	2	24	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RK3BX	562	1863	0	82	152766	Electronic Log
2.	HG4F	620	1819	0	79	143701	Electronic Log
3.	UY5ZZ	518	1611	0	86	138546	Electronic Log
4.	UA4C	503	1510	0	78	117780	Electronic Log
5.	IZ8EFD	387	1327	0	80	106160	Electronic Log
6.	R0AA	319	1341	0	62	83142	Electronic Log
7.	UN0LM	283	1184	0	66	78144	Electronic Log
8.	OL5W	324	1013	0	72	72936	Electronic Log
9.	R3LC	261	920	0	63	57960	Electronic Log
10.	LZ2HR	353	958	0	58	55564	Electronic Log
11.	RX9CM	223	966	0	54	52164	Electronic Log
12.	LZ2PS	315	829	0	58	48082	Electronic Log
13.	OH1TD	220	748	0	64	47872	Electronic Log
14.	LY2CO	241	767	0	59	45253	Electronic Log
15.	N4BP	204	773	0	55	42515	Electronic Log
16.	UA6ARR	211	641	0	63	40383	Electronic Log
17.	9A/YO5OLD/P	183	602	0	62	37324	Electronic Log
18.	TA3ON	144	702	0	43	30186	Electronic Log
19.	DL6KWN	148	496	0	54	26784	Electronic Log
20.	R4LR	97	407	0	54	21978	Electronic Log
21.	LZ6C	189	533	0	41	21853	Electronic Log
22.	RL3T	121	424	0	50	21200	Electronic Log

23.	DL9ZP	124	406	0	44	17864	Electronic Log
24.	OH2MZA	109	375	0	43	16125	Electronic Log
25.	PD7CJT	116	343	0	42	14406	Electronic Log
26.	UX7QD	119	344	0	41	14104	Electronic Log
27.	DL0GEO	105	290	0	37	10730	Electronic Log
28.	UR3QTN	85	314	0	34	10676	Electronic Log
29.	SM6VWG	85	252	0	37	9324	Electronic Log
30.	F4FQZ	66	264	0	35	9240	Electronic Log
31.	VE3FJ	57	246	0	31	7626	Electronic Log
32.	IT9IMJ	45	210	0	29	6090	Electronic Log
33.	UN7ZZ	53	222	0	24	5328	Electronic Log
34.	LZ2FM	61	156	0	26	4056	Electronic Log
35.	DK5KF	40	106	0	22	2332	Electronic Log
36.	JG1EIQ	35	133	0	16	2128	Electronic Log
37.	UT5IZ	39	104	0	20	2080	Electronic Log
38.	PT4T	22	110	0	16	1760	Electronic Log
39.	HS8JWH	30	109	0	12	1308	Electronic Log
40.	JR3AAZ	19	89	0	14	1246	Electronic Log
41.	TF3VS	24	72	0	14	1008	Electronic Log
42.	LW1D	15	69	0	14	966	Electronic Log
43.	9A5CAN	15	66	0	14	924	Electronic Log
44.	ON9EEE	18	58	0	14	812	Electronic Log
45.	TA3AER	15	62	0	12	744	Electronic Log
46.	VR2CO	13	56	0	11	616	Electronic Log
47.	SP3FSM	14	41	0	12	492	Electronic Log
48.	PY5QW	8	44	0	8	352	Electronic Log
49.	YB4FIK	7	44	0	5	220	Electronic Log
50.	UT9EZ	8	27	0	8	216	Electronic Log
51.	UA1CEG/P	7	21	0	7	147	Electronic Log
52.	G3SQU/P	7	18	0	6	108	Electronic Log
53.	OZ/DL1CJ	7	16	0	6	96	Electronic Log
54.	PY5FO	3	12	0	3	36	Electronic Log
55.	PY4ARS	2	12	0	2	24	Electronic Log
56.	JH0ROS/1	2	8	0	2	16	Electronic Log
57.	SQ3PMX	1	8	0	1	8	Electronic Log
58.	RU4LM	1	1	0	1	1	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	9A1AA	572	1867	0	85	158695	Electronic Log
2.	LY2MM	541	1733	0	79	136907	Electronic Log
3.	US1VM	298	983	0	65	63895	Electronic Log
4.	UR7QC	271	915	0	68	62220	Electronic Log
5.	HA8TP	289	857	0	67	57419	Electronic Log

6.	9A3LG	250	753	0	64	48192	Electronic Log
7.	UA9SMU	205	909	0	53	48177	Electronic Log
8.	HA1RJ	235	789	0	60	47340	Electronic Log
9.	UT2UB	265	759	0	59	44781	Electronic Log
10.	EU8F	501	688	0	58	39904	Electronic Log
11.	LZ1DQ	184	652	0	56	36512	Electronic Log
12.	YL3GQ	195	691	0	50	34550	Electronic Log
13.	DK2FG	225	599	0	57	34143	Electronic Log
14.	RA6GW	121	476	0	62	29512	Electronic Log
15.	LY4BF	156	486	0	52	25272	Electronic Log
16.	S58MU	135	439	0	49	21511	Electronic Log
17.	UN7ZW	130	545	0	39	21255	Electronic Log
18.	OL6D	143	435	0	48	20880	Electronic Log
19.	LZ2OG	94	344	0	42	14448	Electronic Log
20.	DF8AE	95	274	0	42	11508	Electronic Log
21.	RM5F	62	234	0	38	8892	Electronic Log
22.	YL2PP	70	252	0	35	8820	Electronic Log
23.	TA4CS	55	297	0	28	8316	Electronic Log
24.	LZ2ZY	37	216	0	28	6048	Electronic Log
25.	SQ3WW	51	191	0	31	5921	Electronic Log
26.	LZ1MC	54	192	0	28	5376	Electronic Log
27.	UZ0U	41	171	0	25	4275	Electronic Log
28.	LZ2FN	59	169	0	24	4056	Electronic Log
29.	SQ7LQJ	34	126	0	26	3276	Electronic Log
30.	UX2HB	45	144	0	22	3168	Electronic Log
31.	SV9RPE	29	104	0	20	2080	Electronic Log
32.	LZ2CH	26	74	0	19	1406	Electronic Log
33.	JA2KKA	14	72	0	10	720	Electronic Log

SINGLE-OP 80M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LY9A	312	969	0	63	61047	Electronic Log
2.	R3ZZ	283	879	0	65	57135	Electronic Log
3.	YU1ED	232	737	0	62	45694	Electronic Log
4.	YT1WA	249	735	0	58	42630	Electronic Log
5.	LY2A	220	690	0	59	40710	Electronic Log
6.	Z39Z	156	573	0	56	32088	Electronic Log
7.	OK1AY	174	530	0	57	30210	Electronic Log
8.	YU5T	134	510	0	53	27030	Electronic Log
9.	SP9DLY	115	377	0	49	18473	Electronic Log
10.	EN5V	103	346	0	44	15224	Electronic Log
11.	UA3LEO	73	264	0	41	10824	Electronic Log
12.	Z33F	49	205	0	29	5945	Electronic Log
13.	LY2LF	46	138	0	23	3174	Electronic Log

14.	UA1OM	35	118	0	21	2478	Electronic Log
15.	LY2SQ	46	116	0	21	2436	Electronic Log
16.	HG315VA	34	105	0	23	2415	Electronic Log
17.	JA5NSR	4	8	0	2	16	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RG9A	1234	5511	0	316	1741476	Electronic Log
2.	YL7X	1262	4091	0	326	1333666	Electronic Log
3.	9A7DX	1165	3720	0	337	1253640	Electronic Log
4.	RK3ER	1123	3529	0	315	1111635	Electronic Log
5.	R9CW	903	3990	0	265	1057350	Electronic Log
6.	RM1T	1067	3281	0	285	935085	Electronic Log
7.	RM2D	819	2713	0	263	713519	Electronic Log
8.	HG6O	933	2699	0	248	669352	Electronic Log
9.	OG55W	828	2665	0	238	634270	Electronic Log
10.	R4IO	682	2384	0	257	612688	Electronic Log
11.	R3OM	694	2373	0	254	602742	Electronic Log
12.	SM6E	816	2554	0	232	592528	Electronic Log
13.	RC3M	674	2223	0	223	495729	Electronic Log
14.	RT5C	535	1994	0	240	478560	Electronic Log
15.	DL4ME	678	2043	0	224	457632	Electronic Log
16.	OZ3SM	579	1935	0	216	417960	Electronic Log
17.	UW5U	754	2104	0	196	412384	Electronic Log
18.	RA3NC	530	1763	0	227	400201	Electronic Log
19.	Z35Y	746	2143	0	184	394312	Electronic Log
20.	YL5X	522	1820	0	208	378560	Electronic Log
21.	IZ8VYU	450	1773	0	207	367011	Electronic Log
22.	IZ2GRG	499	1755	0	209	366795	Electronic Log
23.	RT4M	580	1829	0	196	358484	Electronic Log
24.	LA0CX	554	1756	0	190	333640	Electronic Log
25.	F8DGY	554	1697	0	191	324127	Electronic Log
26.	MM3N	489	1546	0	197	304562	Electronic Log
27.	SN6A	457	1732	0	175	303100	Electronic Log
28.	RU5TT	528	1620	0	178	288360	Electronic Log
29.	SQ8LUU	529	1530	0	173	264690	Electronic Log
30.	HA9PP	479	1475	0	172	253700	Electronic Log
31.	OK1VK	306	1249	0	203	253547	Electronic Log
32.	LZ4A	487	1381	0	169	233389	Electronic Log
33.	LA8OM	430	1326	0	176	233376	Electronic Log
34.	I3VJW	327	1241	0	177	219657	Electronic Log
35.	OZ2TF	394	1296	0	166	215136	Electronic Log
36.	SD6M	437	1351	0	153	206703	Electronic Log
37.	I2IFT	345	1142	0	176	200992	Electronic Log

38.	YL1ZF	400	1316	0	152	200032	Electronic Log
39.	EA1XT	484	1376	0	139	191264	Electronic Log
40.	OM3CPF	374	1121	0	157	175997	Electronic Log
41.	SD1A	379	1170	0	150	175500	Electronic Log
42.	SN5N	403	1348	0	128	172544	Electronic Log
43.	AA3B	327	1461	0	117	170937	Electronic Log
44.	UN7LZ	176	1408	0	116	163328	Electronic Log
45.	RD0A	333	1383	0	113	156279	Electronic Log
46.	E74X	310	1087	0	139	151093	Electronic Log
47.	R4ACY	310	1013	0	143	144859	Electronic Log
48.	LZ1YE	393	1056	0	137	144672	Electronic Log
49.	DL5YL	312	1001	0	144	144144	Electronic Log
50.	SP3VT	410	1253	0	109	136577	Electronic Log
51.	R3CW	285	987	0	131	129297	Electronic Log
52.	R3ST	246	893	0	138	123234	Electronic Log
53.	RQ9O	258	1065	0	106	112890	Electronic Log
54.	Z33B	292	919	0	105	96495	Electronic Log
55.	LZ3FN	232	718	0	128	91904	Electronic Log
56.	M1X	271	772	0	119	91868	Electronic Log
57.	DD7CW	241	842	0	107	90094	Electronic Log
58.	OM3CW	307	863	0	104	89752	Electronic Log
59.	DL1BUG	220	685	0	124	84940	Electronic Log
60.	DL5YM	216	785	0	102	80070	Electronic Log
61.	EW1TZ	218	722	0	98	70756	Electronic Log
62.	UN9GD	203	835	0	83	69305	Electronic Log
63.	PA4O	190	678	0	99	67122	Electronic Log
64.	EA5FIV	211	694	0	96	66624	Electronic Log
65.	RD3AT	190	660	0	95	62700	Electronic Log
66.	UN5G	183	786	0	76	59736	Electronic Log
67.	RK7F	206	692	0	81	56052	Electronic Log
68.	F6HDI	130	576	0	96	55296	Electronic Log
69.	K3UL	158	689	0	78	53742	Electronic Log
70.	G4BUO	165	561	0	88	49368	Electronic Log
71.	K1IMI	139	641	0	75	48075	Electronic Log
72.	DG0KS	142	531	0	84	44604	Electronic Log
73.	DL5AXX	150	552	0	79	43608	Electronic Log
74.	IW3FVZ	152	462	0	75	34650	Electronic Log
75.	PA2A	138	470	0	73	34310	Electronic Log
76.	OH2BN	180	552	0	58	32016	Electronic Log
77.	DL9SEV	146	478	0	66	31548	Electronic Log
78.	SM7IUN	119	435	0	72	31320	Electronic Log
79.	R7AT	127	447	0	69	30843	Electronic Log
80.	LZ30OJ	158	410	0	71	29110	Electronic Log
81.	K3ZO	95	454	0	58	26332	Electronic Log
82.	K4RUM	105	443	0	55	24365	Electronic Log
83.	DK0SU	106	347	0	68	23596	Electronic Log

84.	PA5N	100	364	0	61	22204	Electronic Log
85.	OE3BKC	89	329	0	59	19411	Electronic Log
86.	W1KM	70	365	0	51	18615	Electronic Log
87.	N9NC	77	353	0	49	17297	Electronic Log
88.	LU1AW	70	331	0	48	15888	Electronic Log
89.	HA5NR	104	260	0	57	14820	Electronic Log
90.	IU1JCZ	94	264	0	50	13200	Electronic Log
91.	SA0BXV	79	255	0	45	11475	Electronic Log
92.	G3SVK	92	280	0	39	10920	Electronic Log
93.	JO7KMB	65	288	0	36	10368	Electronic Log
94.	LA2US	74	226	0	45	10170	Electronic Log
95.	UV5QQ	83	242	0	42	10164	Electronic Log
96.	RU0LL	78	289	0	34	9826	Electronic Log
97.	UI3A	64	229	0	38	8702	Electronic Log
98.	GD4EIP	49	144	0	34	4896	Electronic Log
99.	W1FJ	34	165	0	27	4455	Electronic Log
100.	K4MM	34	170	0	26	4420	Electronic Log
101.	DL4UNY	25	111	0	18	1998	Electronic Log
102.	UN7QF	21	91	0	17	1547	Electronic Log
103.	DL2ZBO	23	70	0	18	1260	Electronic Log
104.	N3AM	10	46	0	8	368	Electronic Log
105.	DF5BX	10	31	0	10	310	Electronic Log
106.	UA3DSN	8	27	0	7	189	Electronic Log
107.	GB0SNB	12	20	0	7	140	Electronic Log
108.	NX6T	8	24	0	5	120	Electronic Log
109.	W4CU	8	15	0	4	60	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UA5C	1537	5411	0	362	1958782	Electronic Log
2.	G4R	1315	4328	0	323	1397944	Electronic Log
3.	IK3UNA	1001	3465	0	295	1022175	Electronic Log
4.	N2YO	738	3284	0	183	600972	Electronic Log
5.	LY7T	709	2427	0	244	592188	Electronic Log
6.	LY2AX	673	2376	0	222	527472	Electronic Log
7.	R4BZ	548	1968	0	231	454608	Electronic Log
8.	OG7F	693	2193	0	201	440793	Electronic Log
9.	YT9M	676	1863	0	203	378189	Electronic Log
10.	OK1OA	546	1816	0	200	363200	Electronic Log
11.	SP4G	462	1791	0	158	282978	Electronic Log
12.	DL1NKS	417	1393	0	188	261884	Electronic Log
13.	RM2U	310	1090	0	142	154780	Electronic Log
14.	UX2MF	265	1029	0	121	124509	Electronic Log
15.	UA9BA	243	1099	0	98	107702	Electronic Log

16.	SP1JQJ	235	858	0	124	106392	Electronic Log
17.	PB7Z	199	690	0	123	84870	Electronic Log
18.	UA1F	189	812	0	104	84448	Electronic Log
19.	OZ7EA	185	656	0	106	69536	Electronic Log
20.	DK5DQ	178	693	0	90	62370	Electronic Log
21.	UA6AA	216	660	0	92	60720	Electronic Log
22.	R6AP	177	535	0	107	57245	Electronic Log
23.	OK6CX	166	518	0	91	47138	Electronic Log
24.	RT2C	137	552	0	83	45816	Electronic Log
25.	AI4WW	164	624	0	71	44304	Electronic Log
26.	DJ9RR	82	620	0	63	39060	Electronic Log
27.	R1LN	113	338	0	52	17576	Electronic Log
28.	K3WW	91	380	0	36	13680	Electronic Log
29.	K4BAI	72	294	0	42	12348	Electronic Log
30.	N3UA	31	156	0	25	3900	Electronic Log
31.	PE1BQE	44	112	0	28	3136	Electronic Log
32.	XR2K	26	134	0	18	2412	Electronic Log
33.	PD0WR	27	96	0	17	1632	Electronic Log
34.	ES1BH	28	68	0	15	1020	Electronic Log
35.	VA2UR	18	74	0	13	962	Electronic Log
36.	VO1MP	11	64	0	10	640	Electronic Log

SINGLE-OP ALL HIGH SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SQ1OD	521	2079	0	219	455301	Electronic Log
2.	IW2HAJ	352	1309	0	158	206822	Electronic Log
3.	DR50DIG	301	1275	0	150	191250	Electronic Log
4.	IZ1DGG	225	1015	0	135	137025	Electronic Log
5.	DG1IU	289	1099	0	113	124187	Electronic Log
6.	SI3A	225	863	0	113	97519	Electronic Log
7.	SM7DQV	180	783	0	113	88479	Electronic Log
8.	RW1CW	127	585	0	82	47970	Electronic Log
9.	YL3CW	104	504	0	73	36792	Electronic Log
10.	G1E	99	373	0	66	24618	Electronic Log
11.	R2GB	75	370	0	64	23680	Electronic Log
12.	F1GRH	86	348	0	58	20184	Electronic Log
13.	LC5C	97	284	0	61	17324	Electronic Log
14.	DL4VCV	71	271	0	56	15176	Electronic Log
15.	DF8VV	69	278	0	54	15012	Electronic Log
16.	TA1API	54	323	0	39	12597	Electronic Log
17.	IK5IFH	56	270	0	39	10530	Electronic Log
18.	F1ADG	58	213	0	41	8733	Electronic Log
19.	DG7NFX	38	210	0	30	6300	Electronic Log
20.	A42K	46	207	0	29	6003	Electronic Log

21.	DL5RF	25	170	0	23	3910	Electronic Log
22.	IU3GLW	30	138	0	25	3450	Electronic Log
23.	SA5HUB	20	47	0	16	752	Electronic Log
24.	I0MQV	13	41	0	9	369	Electronic Log
25.	TA1IUY	2	6	0	2	12	Electronic Log
26.	TA1OES	1	2	0	1	2	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UR7MZ	864	3161	0	305	964105	Electronic Log
2.	R7MM	938	3103	0	296	918488	Electronic Log
3.	UA2FL	972	3218	0	266	855988	Electronic Log
4.	UA5F	810	2796	0	300	838800	Electronic Log
5.	DL1CW	868	2714	0	267	724638	Electronic Log
6.	SP1AEN	712	2475	0	255	631125	Electronic Log
7.	EW8OM	798	2582	0	225	580950	Electronic Log
8.	R7CT	616	2043	0	264	539352	Electronic Log
9.	EA5UF	773	2326	0	230	534980	Electronic Log
10.	SP2MKI	708	2278	0	233	530774	Electronic Log
11.	OK2MBP	721	2270	0	231	524370	Electronic Log
12.	EV6Z	704	2276	0	227	516652	Electronic Log
13.	UA6CC	631	2008	0	244	489952	Electronic Log
14.	RA9AP	555	2478	0	183	453474	Electronic Log
15.	UC5D	590	1992	0	219	436248	Electronic Log
16.	E77EA	579	1870	0	219	409530	Electronic Log
17.	UA6LCJ	521	1818	0	217	394506	Electronic Log
18.	UA3RBR	579	1962	0	194	380628	Electronic Log
19.	UA6GO/MM	447	2088	0	177	369576	Electronic Log
20.	R3VL	455	1652	0	209	345268	Electronic Log
21.	UG4A	498	1708	0	199	339892	Electronic Log
22.	RT7C	474	1616	0	197	318352	Electronic Log
23.	SP4AWE	494	1623	0	190	308370	Electronic Log
24.	OK4RQ	401	1528	0	196	299488	Electronic Log
25.	IV3FPX	446	1576	0	190	299440	Electronic Log
26.	RW3AI	479	1533	0	194	297402	Electronic Log
27.	YU1YV	508	1616	0	178	287648	Electronic Log
28.	OV3X	419	1465	0	196	287140	Electronic Log
29.	SP2R	455	1538	0	184	282992	Electronic Log
30.	YT1Q	510	1548	0	177	273996	Electronic Log
31.	IT9PPG	463	1583	0	167	264361	Electronic Log
32.	UW1WU	513	1383	0	181	250323	Electronic Log
33.	RA3AN	397	1411	0	174	245514	Electronic Log
34.	UT5NR	506	1408	0	173	243584	Electronic Log
35.	HA7MF	485	1404	0	172	241488	Electronic Log

36.	UA9CTT/6	397	1366	0	176	240416	Electronic Log
37.	UA6HFI	408	1319	0	179	236101	Electronic Log
38.	SV1ENG	413	1408	0	149	209792	Electronic Log
39.	IU8HPD	298	1201	0	165	198165	Electronic Log
40.	9A2EY	385	1289	0	152	195928	Electronic Log
41.	EU8R	380	1293	0	150	193950	Electronic Log
42.	RW9DX	309	1399	0	138	193062	Electronic Log
43.	EW1TO	364	1222	0	156	190632	Electronic Log
44.	DL1RNN	247	1063	0	174	184962	Electronic Log
45.	I2AZ	346	1239	0	149	184611	Electronic Log
46.	R3OR	339	1172	0	154	180488	Electronic Log
47.	EX8MJ	310	1360	0	127	172720	Electronic Log
48.	LA2HFA	314	1048	0	164	171872	Electronic Log
49.	DK3YD	331	1123	0	151	169573	Electronic Log
50.	UA4S	309	1128	0	143	161304	Electronic Log
51.	JA6GCE	341	1458	0	110	160380	Electronic Log
52.	OK1HEH	300	1061	0	151	160211	Electronic Log
53.	LZ3ZZ	385	1099	0	140	153860	Electronic Log
54.	ON3ND	284	980	0	155	151900	Electronic Log
55.	RU9TN	298	1339	0	112	149968	Electronic Log
56.	R1AT	309	1033	0	144	148752	Electronic Log
57.	OK2QX	341	1085	0	136	147560	Electronic Log
58.	RK3P	333	1040	0	139	144560	Electronic Log
59.	F6AUS	302	1012	0	141	142692	Electronic Log
60.	RC1W	229	954	0	149	142146	Electronic Log
61.	SM5CSS	277	994	0	143	142142	Electronic Log
62.	UN6LN	296	1277	0	111	141747	Electronic Log
63.	HA7PO	343	1056	0	134	141504	Electronic Log
64.	ER/IK1HGE	364	1032	0	134	138288	Electronic Log
65.	SF1Z	275	961	0	142	136462	Electronic Log
66.	OM4WW	290	904	0	150	135600	Electronic Log
67.	DG7EE	271	916	0	142	130072	Electronic Log
68.	UA9XF	348	989	0	130	128570	Electronic Log
69.	RL9L	271	1176	0	109	128184	Electronic Log
70.	LZ7DX	286	874	0	146	127604	Electronic Log
71.	RN4AO	296	986	0	129	127194	Electronic Log
72.	SP9JZT	350	1042	0	121	126082	Electronic Log
73.	IN3FHE	215	833	0	150	124950	Electronic Log
74.	RN9RF	254	1163	0	106	123278	Electronic Log
75.	IZ8GCB	282	1031	0	119	122689	Electronic Log
76.	UF5D	203	848	0	144	122112	Electronic Log
77.	RV3PN	248	928	0	128	118784	Electronic Log
78.	SQ9S	291	871	0	136	118456	Electronic Log
79.	RA3XCZ	251	844	0	140	118160	Electronic Log
80.	PA3DBS	260	869	0	133	115577	Electronic Log
81.	SD6F	271	842	0	136	114512	Electronic Log

82.	RN4SC	275	875	0	130	113750	Electronic Log
83.	SP2AEK	275	955	0	119	113645	Electronic Log
84.	US3IZ	234	841	0	134	112694	Electronic Log
85.	PG2AA	270	888	0	126	111888	Electronic Log
86.	R2UZ	234	855	0	129	110295	Electronic Log
87.	DL3KWF	243	814	0	135	109890	Electronic Log
88.	LZ1VQ	284	859	0	127	109093	Electronic Log
89.	DA3T	234	834	0	130	108420	Electronic Log
90.	UT4LW	233	854	0	125	106750	Electronic Log
91.	Z36W	354	901	0	118	106318	Electronic Log
92.	EU4U	267	869	0	121	105149	Electronic Log
93.	R7AC	238	815	0	126	102690	Electronic Log
94.	SF0A	276	879	0	116	101964	Electronic Log
95.	EA5ITT	274	796	0	126	100296	Electronic Log
96.	YL3GAZ	324	1001	0	100	100100	Electronic Log
97.	UT3UZ	248	899	0	110	98890	Electronic Log
98.	LZ5EE	259	765	0	127	97155	Electronic Log
99.	SM0HRP	274	820	0	118	96760	Electronic Log
100.	YL3FW	213	797	0	117	93249	Electronic Log
101.	RW0AJ	248	1023	0	91	93093	Electronic Log
102.	DL3KWR	256	771	0	117	90207	Electronic Log
103.	R7MT	206	738	0	122	90036	Electronic Log
104.	RN3S	173	700	0	127	88900	Electronic Log
105.	UG3G	271	817	0	106	86602	Electronic Log
106.	4U1A	275	786	0	110	86460	Electronic Log
107.	LZ3R	291	906	0	95	86070	Electronic Log
108.	R9XS	290	781	0	110	85910	Electronic Log
109.	R8WO	197	907	0	94	85258	Electronic Log
110.	G3KNU	197	681	0	122	83082	Electronic Log
111.	IK0PXD	224	750	0	110	82500	Electronic Log
112.	PG6F	239	732	0	111	81252	Electronic Log
113.	PA2W	231	660	0	118	77880	Electronic Log
114.	SE6N	198	712	0	109	77608	Electronic Log
115.	R4KO	233	693	0	111	76923	Electronic Log
116.	DL3TC	202	709	0	106	75154	Electronic Log
117.	R5FP	261	786	0	93	73098	Electronic Log
118.	RL6MF	210	674	0	108	72792	Electronic Log
119.	HA3HK	254	793	0	91	72163	Electronic Log
120.	UN7LDR	197	879	0	78	68562	Electronic Log
121.	DL1THB	191	600	0	109	65400	Electronic Log
122.	RD3FT	179	640	0	101	64640	Electronic Log
123.	OE9WGI	216	629	0	102	64158	Electronic Log
124.	UA3MIF	156	588	0	106	62328	Electronic Log
125.	I1WQR	186	674	0	91	61334	Electronic Log
126.	S55N	203	638	0	95	60610	Electronic Log
127.	RD1T	175	636	0	95	60420	Electronic Log

128.	PC3T	197	661	0	87	57507	Electronic Log
129.	SM6NT	187	546	0	102	55692	Electronic Log
130.	SP3DOF	219	700	0	79	55300	Electronic Log
131.	IC8FBU	167	576	0	81	46656	Electronic Log
132.	RT4H	133	499	0	92	45908	Electronic Log
133.	F6IRA	153	528	0	85	44880	Electronic Log
134.	DL5DTG	141	532	0	83	44156	Electronic Log
135.	OH1TS	172	572	0	77	44044	Electronic Log
136.	DL9GMC	141	489	0	90	44010	Electronic Log
137.	RA9MX	133	582	0	73	42486	Electronic Log
138.	SM5ALJ	119	495	0	85	42075	Electronic Log
139.	UA3YDI	150	494	0	85	41990	Electronic Log
140.	HB9BUN	131	422	0	98	41356	Electronic Log
141.	DL5KUD	130	451	0	89	40139	Electronic Log
142.	SV9RNG	118	488	0	82	40016	Electronic Log
143.	OM3WZ	126	499	0	80	39920	Electronic Log
144.	UR3VKR	121	488	0	79	38552	Electronic Log
145.	HG8X	173	516	0	74	38184	Electronic Log
145.	OK5SA	156	444	0	86	38184	Electronic Log
146.	SM2BJS	161	468	0	81	37908	Electronic Log
147.	RA5AQ	139	456	0	77	35112	Electronic Log
148.	ON7CC	133	437	0	79	34523	Electronic Log
149.	EW6F	162	506	0	68	34408	Electronic Log
150.	R5AF	148	474	0	72	34128	Electronic Log
151.	DL1OJ	162	447	0	75	33525	Electronic Log
152.	M0IHT	160	441	0	74	32634	Electronic Log
153.	OH1HS	117	445	0	72	32040	Electronic Log
154.	2E0CVN	154	426	0	75	31950	Electronic Log
155.	CT1ELZ	128	418	0	76	31768	Electronic Log
156.	RU9AC	112	517	0	61	31537	Electronic Log
157.	R7TW	110	457	0	69	31533	Electronic Log
158.	IT9CKA	114	420	0	74	31080	Electronic Log
159.	OE5FDM	122	404	0	74	29896	Electronic Log
160.	OZ0B	104	371	0	77	28567	Electronic Log
161.	RM7F	127	415	0	68	28220	Electronic Log
162.	OE1XA	115	378	0	73	27594	Electronic Log
163.	HA0GK	128	386	0	71	27406	Electronic Log
164.	DL2MIH	109	361	0	72	25992	Electronic Log
165.	R4WT	140	412	0	63	25956	Electronic Log
166.	PA0RHA	103	322	0	76	24472	Electronic Log
167.	UA6HLP	95	340	0	71	24140	Electronic Log
168.	IU1LCU	111	375	0	64	24000	Electronic Log
169.	RX7T	111	388	0	61	23668	Electronic Log
170.	DL8IH	102	348	0	68	23664	Electronic Log
171.	OK1PFM	102	340	0	69	23460	Electronic Log
172.	PA3DAT	97	341	0	68	23188	Electronic Log

173.	OZ4FF	100	360	0	62	22320	Electronic Log
174.	R3NAN	116	382	0	58	22156	Electronic Log
175.	G3RLE	87	344	0	60	20640	Electronic Log
176.	SN0R	145	322	0	64	20608	Electronic Log
177.	R1QE	112	336	0	59	19824	Electronic Log
178.	DF4TS	117	379	0	52	19708	Electronic Log
179.	DK5WN	88	364	0	54	19656	Electronic Log
180.	EA5/R3AR	105	332	0	56	18592	Electronic Log
181.	DK5ZX	99	325	0	56	18200	Electronic Log
182.	4L1MA	65	330	0	53	17490	Electronic Log
183.	PA5GU	92	284	0	60	17040	Electronic Log
184.	PE2K	87	263	0	64	16832	Electronic Log
184.	TM1CY	99	263	0	64	16832	Electronic Log
185.	PA2TA	94	277	0	58	16066	Electronic Log
186.	HA5BA	91	262	0	60	15720	Electronic Log
187.	9A7RA	101	338	0	46	15548	Electronic Log
188.	OH5MQ	84	271	0	56	15176	Electronic Log
189.	LA7SI	104	302	0	50	15100	Electronic Log
190.	DM2RN	96	266	0	51	13566	Electronic Log
191.	DL1YPF	72	245	0	55	13475	Electronic Log
192.	PE1HWO	55	259	0	49	12691	Electronic Log
193.	R9QQ	77	323	0	39	12597	Electronic Log
194.	PA5V	85	231	0	54	12474	Electronic Log
195.	UR4LIN	76	260	0	46	11960	Electronic Log
196.	SV8/SV2BXA	67	242	0	48	11616	Electronic Log
197.	IK2WAD	72	228	0	47	10716	Electronic Log
198.	F4CVQ	53	226	0	45	10170	Electronic Log
199.	SM7RYR	58	236	0	43	10148	Electronic Log
200.	ON4CT	61	240	0	41	9840	Electronic Log
201.	OM3BA	69	218	0	45	9810	Electronic Log
202.	R7KU	82	208	0	47	9776	Electronic Log
203.	RX3MM	56	222	0	44	9768	Electronic Log
204.	OH6LW	68	210	0	46	9660	Electronic Log
205.	US1UU	62	209	0	46	9614	Electronic Log
206.	RV3DBK	63	208	0	46	9568	Electronic Log
207.	YT5N	83	212	0	44	9328	Electronic Log
208.	SQ3MZU	52	212	0	41	8692	Electronic Log
209.	SQ2EEQ	60	181	0	47	8507	Electronic Log
210.	DL3CX	65	191	0	38	7258	Electronic Log
211.	OM3BY	75	234	0	30	7020	Electronic Log
212.	RV1OM	54	186	0	37	6882	Electronic Log
213.	DF7CB	54	165	0	41	6765	Electronic Log
214.	OE1TKW	45	182	0	36	6552	Electronic Log
215.	JA6WFM	63	237	0	27	6399	Electronic Log
216.	IW3ILM	55	176	0	36	6336	Electronic Log
217.	PA0CT	57	172	0	35	6020	Electronic Log

218.	DM1TX	41	161	0	37	5957	Electronic Log
219.	RT8O	50	220	0	27	5940	Electronic Log
220.	DL2AXM	49	169	0	35	5915	Electronic Log
221.	PA3HCC	51	147	0	40	5880	Electronic Log
222.	DK9MH	49	169	0	34	5746	Electronic Log
223.	4K9W	44	188	0	30	5640	Electronic Log
224.	UT7MR	52	194	0	29	5626	Electronic Log
225.	PA0WKI	51	151	0	37	5587	Electronic Log
226.	UT7IS	64	201	0	26	5226	Electronic Log
227.	IK2QIK	44	134	0	37	4958	Electronic Log
228.	LY2BAA	50	174	0	28	4872	Electronic Log
229.	YL3JD	36	170	0	28	4760	Electronic Log
230.	PA5TT	49	153	0	30	4590	Electronic Log
231.	SN2W	37	130	0	31	4030	Electronic Log
232.	DL7UKT	39	132	0	29	3828	Electronic Log
233.	DL4ROB	29	147	0	24	3528	Electronic Log
234.	SM7ATL	37	116	0	29	3364	Electronic Log
235.	BH6KOK	42	162	0	20	3240	Electronic Log
236.	9A3DML	37	134	0	23	3082	Electronic Log
237.	DH8MS	25	121	0	25	3025	Electronic Log
238.	PA0ZAV	37	118	0	25	2950	Electronic Log
239.	BD7JNA	34	144	0	20	2880	Electronic Log
240.	F5PBL	35	102	0	28	2856	Electronic Log
241.	DH2URF	20	160	0	16	2560	Electronic Log
242.	OH1NOA	42	116	0	22	2552	Electronic Log
243.	R2DEM	33	92	0	26	2392	Electronic Log
244.	RN1AO	36	101	0	23	2323	Electronic Log
245.	JG2RFJ	31	132	0	17	2244	Electronic Log
246.	HI8A	33	118	0	19	2242	Electronic Log
247.	UA4FDL	33	106	0	21	2226	Electronic Log
248.	RW0UM	34	123	0	14	1722	Electronic Log
249.	DK6SP	28	97	0	17	1649	Electronic Log
250.	ON4LY	13	104	0	12	1248	Electronic Log
251.	OM4ANO	22	62	0	15	930	Electronic Log
252.	DL1TSM	19	58	0	14	812	Electronic Log
253.	HS8HEX	15	55	0	12	660	Electronic Log
254.	KE2D	11	57	0	11	627	Electronic Log
255.	UR5FCM	23	58	0	10	580	Electronic Log
256.	R9SS	21	62	0	8	496	Electronic Log
257.	F8OOI	10	31	0	9	279	Electronic Log
258.	IS0BRQ	6	48	0	5	240	Electronic Log
259.	OE/YO7CKQ/M	6	38	0	6	228	Electronic Log
260.	JA5QJX/0	9	30	0	7	210	Electronic Log
261.	F4GFT	8	22	0	8	176	Electronic Log
262.	F3WT	8	22	0	7	154	Electronic Log
263.	IK2IKW	6	12	0	6	72	Electronic Log

264.	W3WHK	3	16	0	3	48	Electronic Log
265.	RC3F/P	3	8	0	3	24	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EU6DX	712	2765	0	260	718900	Electronic Log
2.	SP2GMA	721	2580	0	236	608880	Electronic Log
3.	SE4E	642	2157	0	220	474540	Electronic Log
4.	SP9H	625	2006	0	222	445332	Electronic Log
5.	UT3SO	579	1746	0	182	317772	Electronic Log
6.	RG5A/6	463	1607	0	193	310151	Electronic Log
7.	EW1FM	427	1587	0	195	309465	Electronic Log
8.	RM2T	511	1516	0	172	260752	Electronic Log
9.	MM3AWD	460	1353	0	177	239481	Electronic Log
10.	LB4UH	474	1304	0	151	196904	Electronic Log
11.	HG8C	380	1090	0	133	144970	Electronic Log
12.	YL2GP	192	1009	0	128	129152	Electronic Log
13.	RL4F	256	927	0	124	114948	Electronic Log
14.	RA7R	292	854	0	109	93086	Electronic Log
15.	RV3ZN	253	818	0	93	76074	Electronic Log
16.	LY5Q	209	824	0	89	73336	Electronic Log
17.	UT5EOX	152	645	0	97	62565	Electronic Log
18.	RA4Y	155	631	0	98	61838	Electronic Log
19.	ON5WL	187	640	0	95	60800	Electronic Log
20.	UN8PT	197	816	0	69	56304	Electronic Log
21.	9A3XV	150	570	0	87	49590	Electronic Log
22.	RA4DR	122	485	0	92	44620	Electronic Log
23.	PE5O	116	430	0	80	34400	Electronic Log
24.	OO9O	114	424	0	75	31800	Electronic Log
25.	SM5DXR	123	373	0	80	29840	Electronic Log
26.	SE6K	112	449	0	66	29634	Electronic Log
27.	UA4CNJ	102	415	0	63	26145	Electronic Log
28.	DL2MM	100	333	0	68	22644	Electronic Log
29.	SQ7FGT	95	341	0	57	19437	Electronic Log
30.	PG5V	94	316	0	58	18328	Electronic Log
31.	PC7E	91	280	0	59	16520	Electronic Log
32.	DF7XR	70	257	0	55	14135	Electronic Log
33.	DL7USW/P	71	257	0	48	12336	Electronic Log
34.	OM5CM	66	222	0	38	8436	Electronic Log
35.	LZ1KZ	34	152	0	31	4712	Electronic Log
36.	TA2BS	32	162	0	28	4536	Electronic Log
37.	LY5XX	41	161	0	28	4508	Electronic Log
38.	ZA1F	36	136	0	32	4352	Electronic Log
39.	SP3BBS	34	137	0	30	4110	Electronic Log

40.	SP9IVD	27	120	0	24	2880	Electronic Log
41.	R4WAB	39	115	0	25	2875	Electronic Log
42.	PA2DK	27	80	0	22	1760	Electronic Log
43.	R3VR	21	69	0	15	1035	Electronic Log
44.	DL0BSK	15	72	0	14	1008	Electronic Log
45.	BH1RGL	17	58	0	13	754	Electronic Log
46.	US3LX	11	63	0	11	693	Electronic Log
47.	HB90GKM	3	6	0	3	18	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RZ3Z	522	2143	0	221	473603	Electronic Log
2.	DM5B	468	1969	0	213	419397	Electronic Log
3.	S56WYB	247	1040	0	136	141440	Electronic Log
4.	YT0W	391	1074	0	129	138546	Electronic Log
5.	OH6ECM	263	1043	0	132	137676	Electronic Log
6.	IT9FRX	240	1004	0	131	131524	Electronic Log
7.	OZ1KVM	195	826	0	124	102424	Electronic Log
8.	YU4UKI	193	786	0	100	78600	Electronic Log
9.	ER3CT	190	642	0	112	71904	Electronic Log
10.	US5QUB	150	720	0	95	68400	Electronic Log
11.	LZ1DM	161	612	0	102	62424	Electronic Log
12.	UA6YN	132	592	0	95	56240	Electronic Log
13.	IU3LYJ	128	594	0	89	52866	Electronic Log
14.	TA1HZ	142	669	0	79	52851	Electronic Log
15.	SE5W	121	554	0	76	42104	Electronic Log
16.	IK7RVY	151	650	0	62	40300	Electronic Log
17.	LZ3SD	141	502	0	77	38654	Electronic Log
18.	F4ELX/P	114	463	0	77	35651	Electronic Log
19.	DL8UV	108	448	0	75	33600	Electronic Log
20.	SV3RPQ	95	454	0	64	29056	Electronic Log
21.	IT9OPR	122	541	0	52	28132	Electronic Log
22.	PD1ABO	105	416	0	57	23712	Electronic Log
23.	9A6DJX	98	356	0	62	22072	Electronic Log
24.	4X6DK	73	384	0	51	19584	Electronic Log
25.	IZ0VXY	110	301	0	43	12943	Electronic Log
26.	OM6AT	74	220	0	53	11660	Electronic Log
27.	F6DRP	85	240	0	47	11280	Electronic Log
28.	IZ8EQG	48	236	0	40	9440	Electronic Log
29.	R2EL	45	228	0	37	8436	Electronic Log
30.	SV3SKM	38	210	0	28	5880	Electronic Log
31.	IW0HLZ	42	183	0	32	5856	Electronic Log
32.	PE1EWR	47	162	0	36	5832	Electronic Log
33.	OH4BNP	46	154	0	34	5236	Electronic Log

34.	GU0UVH	40	142	0	34	4828	Electronic Log
35.	RA3DQP	38	141	0	30	4230	Electronic Log
36.	DJ6DO	33	138	0	29	4002	Electronic Log
37.	DK2MB	32	107	0	27	2889	Electronic Log
38.	YU3MUP	27	132	0	17	2244	Electronic Log
39.	9A1CVG	27	112	0	19	2128	Electronic Log
40.	F5MLJ	20	98	0	19	1862	Electronic Log
41.	LZ2JU	29	99	0	17	1683	Electronic Log
42.	TA4RC	15	86	0	15	1290	Electronic Log
43.	UA9SUV/8	22	90	0	14	1260	Electronic Log
44.	EA1IXQ	21	66	0	18	1188	Electronic Log
45.	IZ3CTT	20	84	0	14	1176	Electronic Log
46.	IW1DQS	22	76	0	15	1140	Electronic Log
47.	TA2LP	12	68	0	12	816	Electronic Log
48.	M5AX	20	52	0	14	728	Electronic Log
49.	DL1DF	10	56	0	10	560	Electronic Log
50.	UW5EMC	14	44	0	10	440	Electronic Log
51.	EA4RR	10	38	0	7	266	Electronic Log
52.	4X0T	8	30	0	8	240	Electronic Log
52.	4Z5FI	8	30	0	8	240	Electronic Log
53.	EA3KT	9	30	0	7	210	Electronic Log
54.	OM0WT	7	26	0	7	182	Electronic Log
55.	EA3GYE	2	10	0	2	20	Electronic Log
56.	OM1AJT	2	4	0	2	8	Electronic Log
56.	PC4K	1	8	0	1	8	Electronic Log

SINGLE-OP ALL MIXED NOVICE-TECH

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LY1LB	260	1188	0	148	175824	Electronic Log
2.	R1ZM	244	710	0	115	81650	Electronic Log
3.	R0AIB	95	416	0	56	23296	Electronic Log
4.	DO3TIA	19	116	0	16	1856	Electronic Log

YO Stations

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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

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

MULTI-OP ALL MIXED ONE OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YO6KPT	283	1228	0	35	42980	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 HIGH CW OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YO5LD	1174	5212	0	199	1037188	Electronic Log
2.	YO8OY	1013	4632	0	169	782808	Electronic Log
3.	YP0HQ	243	1064	0	74	78736	Electronic Log
4.	YO9IF	84	372	0	36	13392	Electronic Log
5.	YO8COQ	36	160	0	34	5440	Electronic Log

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 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 LOW CW OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YO3ND	839	3616	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.	YO9AGI	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 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.	YO6GUU	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

SINGLE-OP ALL LOW MIXED OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YR2019SIMPO	413	1792	0	116	207872	Electronic Log
2.	YO5OAC	161	704	0	71	49984	Electronic Log

SINGLE-OP ALL LOW SSB OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YO6BLM	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.	YO9BXC	63	264	0	40	10560	Electronic Log
13.	YO7DBR	62	276	0	34	9384	Electronic Log
14.	YO9IOE	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.	YO9ADN	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.	YO6OBG	8	32	0	7	224	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

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

Results per countries

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/MM - Maritime Mobile

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SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UA6GO/MM	447	2088	0	177	369576	Electronic Log

4J - Azerbaijan

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SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	4K9W	44	188	0	30	5640	Electronic Log

4L - Georgia

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SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	4L1MA	65	330	0	53	17490	Electronic Log

4X - Israel

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SINGLE-OP 15M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	4X1VF	195	960	0	59	56640	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	4X6DK	73	384	0	51	19584	Electronic Log
2.	4X0T	8	30	0	8	240	Electronic Log
2.	4Z5FI	8	30	0	8	240	Electronic Log

9A - Croatia

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SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	9A/YO5OLD/P	183	602	0	62	37324	Electronic Log
2.	9A5CAN	15	66	0	14	924	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	9A1AA	572	1867	0	85	158695	Electronic Log
2.	9A3LG	250	753	0	64	48192	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	9A7DX	1165	3720	0	337	1253640	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	9A2EY	385	1289	0	152	195928	Electronic Log
2.	9A7RA	101	338	0	46	15548	Electronic Log
3.	9A3DML	37	134	0	23	3082	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	9A3XV	150	570	0	87	49590	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	9A6DJX	98	356	0	62	22072	Electronic Log
2.	9A1CVG	27	112	0	19	2128	Electronic Log

A4 - Oman

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SINGLE-OP ALL HIGH SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	A42K	46	207	0	29	6003	Electronic Log

BY - China

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MULTI-OP ALL MIXED ONE

Callsign QSOs Points Penalts Mults Score Type
1. BG4HYK 15 54 0 9 486 Electronic Log

SINGLE-OP ALL LOW CW

Callsign QSOs Points Penalts Mults Score Type
1. BH6KOK 42 162 0 20 3240 Electronic Log
2. BD7JNA 34 144 0 20 2880 Electronic Log

SINGLE-OP ALL LOW MIXED

Callsign QSOs Points Penalts Mults Score Type
1. BH1RGL 17 58 0 13 754 Electronic Log

CE - Chile

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SINGLE-OP ALL HIGH MIXED

Callsign QSOs Points Penalts Mults Score Type
1. XR2K 26 134 0 18 2412 Electronic Log

CT - Portugal

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SINGLE-OP ALL LOW CW

Callsign QSOs Points Penalts Mults Score Type
1. CT1ELZ 128 418 0 76 31768 Electronic Log

DL - Fed. Rep. of Germany

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CHECKLOG

Callsign QSOs Points Penalts Mults Score Type

1.	DG2FDD/P	5	10	0	4	0	Electronic Log
2.	DK0TU	28	129	0	20	0	Electronic Log
3.	DL1LZ	37	109	0	29	0	Electronic Log
4.	DL5MHR	9	22	0	6	0	Electronic Log
5.	DL8AWK	36	106	0	22	0	Electronic Log
6.	DO6EBB/P	15	65	0	13	0	Electronic Log

MULTI-OP ALL MIXED ONE

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DA0N	228	965	0	110	106150	Electronic Log
2.	DF0RW	84	231	0	54	12474	Electronic Log
3.	DK0RA	32	102	0	20	2040	Electronic Log

SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DL6KVA	53	194	0	29	5626	Electronic Log
2.	DJ3RA	45	167	0	33	5511	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DL6KWN	148	496	0	54	26784	Electronic Log
2.	DL9ZP	124	406	0	44	17864	Electronic Log
3.	DL0GEO	105	290	0	37	10730	Electronic Log
4.	DK5KF	40	106	0	22	2332	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DK2FG	225	599	0	57	34143	Electronic Log
2.	DF8AE	95	274	0	42	11508	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DL4ME	678	2043	0	224	457632	Electronic Log
2.	DL5YL	312	1001	0	144	144144	Electronic Log
3.	DD7CW	241	842	0	107	90094	Electronic Log
4.	DL1BUG	220	685	0	124	84940	Electronic Log
5.	DL5YM	216	785	0	102	80070	Electronic Log
6.	DG0KS	142	531	0	84	44604	Electronic Log
7.	DL5AXX	150	552	0	79	43608	Electronic Log
8.	DL9SEV	146	478	0	66	31548	Electronic Log
9.	DK0SU	106	347	0	68	23596	Electronic Log

10.	DL4UNY	25	111	0	18	1998	Electronic Log
11.	DL2ZBO	23	70	0	18	1260	Electronic Log
12.	DF5BX	10	31	0	10	310	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DL1NKS	417	1393	0	188	261884	Electronic Log
2.	DK5DQ	178	693	0	90	62370	Electronic Log
3.	DJ9RR	82	620	0	63	39060	Electronic Log

SINGLE-OP ALL HIGH SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DR50DIG	301	1275	0	150	191250	Electronic Log
2.	DG1IU	289	1099	0	113	124187	Electronic Log
3.	DL4VCV	71	271	0	56	15176	Electronic Log
4.	DF8VV	69	278	0	54	15012	Electronic Log
5.	DG7NFX	38	210	0	30	6300	Electronic Log
6.	DL5RF	25	170	0	23	3910	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DL1CW	868	2714	0	267	724638	Electronic Log
2.	DL1RNN	247	1063	0	174	184962	Electronic Log
3.	DK3YD	331	1123	0	151	169573	Electronic Log
4.	DG7EE	271	916	0	142	130072	Electronic Log
5.	DL3KWF	243	814	0	135	109890	Electronic Log
6.	DA3T	234	834	0	130	108420	Electronic Log
7.	DL3KWR	256	771	0	117	90207	Electronic Log
8.	DL3TC	202	709	0	106	75154	Electronic Log
9.	DL1THB	191	600	0	109	65400	Electronic Log
10.	DL5DTG	141	532	0	83	44156	Electronic Log
11.	DL9GMC	141	489	0	90	44010	Electronic Log
12.	DL5KUD	130	451	0	89	40139	Electronic Log
13.	DL1OJ	162	447	0	75	33525	Electronic Log
14.	DL2MIH	109	361	0	72	25992	Electronic Log
15.	DL8IH	102	348	0	68	23664	Electronic Log
16.	DF4TS	117	379	0	52	19708	Electronic Log
17.	DK5WN	88	364	0	54	19656	Electronic Log
18.	DK5ZX	99	325	0	56	18200	Electronic Log
19.	DM2RN	96	266	0	51	13566	Electronic Log
20.	DL1YPF	72	245	0	55	13475	Electronic Log
21.	DL3CX	65	191	0	38	7258	Electronic Log
22.	DF7CB	54	165	0	41	6765	Electronic Log

23.	DM1TX	41	161	0	37	5957	Electronic Log
24.	DL2AXM	49	169	0	35	5915	Electronic Log
25.	DK9MH	49	169	0	34	5746	Electronic Log
26.	DL7UKT	39	132	0	29	3828	Electronic Log
27.	DL4ROB	29	147	0	24	3528	Electronic Log
28.	DH8MS	25	121	0	25	3025	Electronic Log
29.	DH2URF	20	160	0	16	2560	Electronic Log
30.	DK6SP	28	97	0	17	1649	Electronic Log
31.	DL1TSM	19	58	0	14	812	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DL2MM	100	333	0	68	22644	Electronic Log
2.	DF7XR	70	257	0	55	14135	Electronic Log
3.	DL7USW/P	71	257	0	48	12336	Electronic Log
4.	DL0BSK	15	72	0	14	1008	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DM5B	468	1969	0	213	419397	Electronic Log
2.	DL8UV	108	448	0	75	33600	Electronic Log
3.	DJ6DO	33	138	0	29	4002	Electronic Log
4.	DK2MB	32	107	0	27	2889	Electronic Log
5.	DL1DF	10	56	0	10	560	Electronic Log

SINGLE-OP ALL MIXED NOVICE-TECH

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	DO3TIA	19	116	0	16	1856	Electronic Log

E7 - Bosnia-Herzegovina

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SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	E74X	310	1087	0	139	151093	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	E77EA	579	1870	0	219	409530	Electronic Log

EA - Spain

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EA1WH	71	238	0	37	0	Electronic Log

SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EA5BY	44	125	0	24	3000	Electronic Log

SINGLE-OP 15M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EA5IHK	243	266	0	39	10374	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EA1XT	484	1376	0	139	191264	Electronic Log
2.	EA5FIV	211	694	0	96	66624	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EA5UF	773	2326	0	230	534980	Electronic Log
2.	EA5ITT	274	796	0	126	100296	Electronic Log
3.	EA5/R3AR	105	332	0	56	18592	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EA1IXQ	21	66	0	18	1188	Electronic Log
2.	EA4RR	10	38	0	7	266	Electronic Log
3.	EA3KT	9	30	0	7	210	Electronic Log
4.	EA3GYE	2	10	0	2	20	Electronic Log

EA6 - Balearic Islands

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EA6FO	175	580	0	70	0	Electronic Log

ER - Moldova

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SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	ER/IK1HGE	364	1032	0	134	138288	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	ER3CT	190	642	0	112	71904	Electronic Log

ES - Estonia

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SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	ES1BH	28	68	0	15	1020	Electronic Log

EU - Belarus

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MULTI-OP ALL MIXED ONE

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EW8WA	118	538	0	68	36584	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EU8F	501	688	0	58	39904	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EW1TZ	218	722	0	98	70756	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EW8OM	798	2582	0	225	580950	Electronic Log
2.	EV6Z	704	2276	0	227	516652	Electronic Log
3.	EU8R	380	1293	0	150	193950	Electronic Log
4.	EW1TO	364	1222	0	156	190632	Electronic Log
5.	EU4U	267	869	0	121	105149	Electronic Log
6.	EW6F	162	506	0	68	34408	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EU6DX	712	2765	0	260	718900	Electronic Log
2.	EW1FM	427	1587	0	195	309465	Electronic Log

EX - Kyrgyzstan

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EX8MJ	310	1360	0	127	172720	Electronic Log

F - France

SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	F5NBX	118	383	0	40	15320	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	F4FQZ	66	264	0	35	9240	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	F8DGY	554	1697	0	191	324127	Electronic Log
2.	F6HDI	130	576	0	96	55296	Electronic Log

SINGLE-OP ALL HIGH SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	F1GRH	86	348	0	58	20184	Electronic Log
2.	F1ADG	58	213	0	41	8733	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	F6AUS	302	1012	0	141	142692	Electronic Log
2.	F6IRA	153	528	0	85	44880	Electronic Log
3.	TM1CY	99	263	0	64	16832	Electronic Log
4.	F4CVQ	53	226	0	45	10170	Electronic Log
5.	F5PBL	35	102	0	28	2856	Electronic Log
6.	F8OOI	10	31	0	9	279	Electronic Log
7.	F4GFT	8	22	0	8	176	Electronic Log
8.	F3WT	8	22	0	7	154	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	F4ELX/P	114	463	0	77	35651	Electronic Log
2.	F6DRP	85	240	0	47	11280	Electronic Log
3.	F5MLJ	20	98	0	19	1862	Electronic Log

G - England

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	G3PLE	28	62	0	21	0	Electronic Log
2.	G3RTU	30	88	0	27	0	Electronic Log
3.	M0SEV	5	12	0	4	0	Electronic Log

SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	G0ORH	242	539	0	55	29645	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	G3SQU/P	7	18	0	6	108	Electronic Log

SINGLE-OP ALL HIGH CW

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	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	M1X	271	772	0	119	91868	Electronic Log
2.	G4BUO	165	561	0	88	49368	Electronic Log
3.	G3SVK	92	280	0	39	10920	Electronic Log
4.	GB0SNB	12	20	0	7	140	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	G4R	1315	4328	0	323	1397944	Electronic Log

SINGLE-OP ALL HIGH SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	G1E	99	373	0	66	24618	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	G3KNU	197	681	0	122	83082	Electronic Log
2.	M0IHT	160	441	0	74	32634	Electronic Log
3.	2E0CVN	154	426	0	75	31950	Electronic Log
4.	G3RLE	87	344	0	60	20640	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	M5AX	20	52	0	14	728	Electronic Log

GD - Isle of Man

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SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	GD4EIP	49	144	0	34	4896	Electronic Log

GM - Scotland

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SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	MM3N	489	1546	0	197	304562	Electronic Log

SINGLE-OP ALL LOW MIXED

Callsign QSOs Points Penalts Mults Score Type
1. MM3AWD 460 1353 0 177 239481 Electronic Log

GU - Guernsey

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SINGLE-OP ALL LOW SSB

Callsign QSOs Points Penalts Mults Score Type
1. GU0UVH 40 142 0 34 4828 Electronic Log

HA - Hungary

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CHECKLOG

Callsign QSOs Points Penalts Mults Score Type
1. HA2MN 39 84 0 19 0 Electronic Log
2. HA3FHH 1 4 0 1 0 Electronic Log
3. HA3HX 128 398 0 71 0 Electronic Log

MULTI-OP ALL MIXED ONE

Callsign QSOs Points Penalts Mults Score Type
1. HG6N 1002 3175 0 278 882650 Electronic Log

SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. HG4F 620 1819 0 79 143701 Electronic Log

SINGLE-OP 40M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. HA8TP 289 857 0 67 57419 Electronic Log
2. HA1RJ 235 789 0 60 47340 Electronic Log

SINGLE-OP 80M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. HG315VA 34 105 0 23 2415 Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	HG6O	933	2699	0	248	669352	Electronic Log
2.	HA9PP	479	1475	0	172	253700	Electronic Log
3.	HA5NR	104	260	0	57	14820	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	HA7MF	485	1404	0	172	241488	Electronic Log
2.	HA7PO	343	1056	0	134	141504	Electronic Log
3.	HA3HK	254	793	0	91	72163	Electronic Log
4.	HG8X	173	516	0	74	38184	Electronic Log
5.	HA0GK	128	386	0	71	27406	Electronic Log
6.	HA5BA	91	262	0	60	15720	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	HG8C	380	1090	0	133	144970	Electronic Log

HB - Switzerland

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SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	HB9BUN	131	422	0	98	41356	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	HB90GKM	3	6	0	3	18	Electronic Log

HI - Dominican Republic

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SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	HI8A	33	118	0	19	2242	Electronic Log

HS - Thailand

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SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	HS8JWH	30	109	0	12	1308	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	HS8HEX	15	55	0	12	660	Electronic Log

I - Italy

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IZ1PKR/IN3	5	33	0	5	0	Electronic Log
2.	IZ2DII	104	328	0	43	0	Electronic Log

MULTI-OP ALL MIXED ONE

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IQ3ME	61	226	0	43	9718	Electronic Log

SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IK4LZH	116	452	0	45	20340	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IZ8EFD	387	1327	0	80	106160	Electronic Log
2.	IT9IMJ	45	210	0	29	6090	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IZ8VYU	450	1773	0	207	367011	Electronic Log
2.	IZ2GRG	499	1755	0	209	366795	Electronic Log
3.	I3VJW	327	1241	0	177	219657	Electronic Log

4.	I2IFT	345	1142	0	176	200992	Electronic Log
5.	IW3FVZ	152	462	0	75	34650	Electronic Log
6.	IU1JCZ	94	264	0	50	13200	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IK3UNA	1001	3465	0	295	1022175	Electronic Log

SINGLE-OP ALL HIGH SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IW2HAJ	352	1309	0	158	206822	Electronic Log
2.	IZ1DGG	225	1015	0	135	137025	Electronic Log
3.	IK5IFH	56	270	0	39	10530	Electronic Log
4.	IU3GLW	30	138	0	25	3450	Electronic Log
5.	I0MQV	13	41	0	9	369	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IV3FPX	446	1576	0	190	299440	Electronic Log
2.	IT9PPG	463	1583	0	167	264361	Electronic Log
3.	IU8HPD	298	1201	0	165	198165	Electronic Log
4.	I2AZ	346	1239	0	149	184611	Electronic Log
5.	IN3FHE	215	833	0	150	124950	Electronic Log
6.	IZ8GCB	282	1031	0	119	122689	Electronic Log
7.	IK0PXD	224	750	0	110	82500	Electronic Log
8.	I1WQR	186	674	0	91	61334	Electronic Log
9.	IC8FBU	167	576	0	81	46656	Electronic Log
10.	IT9CKA	114	420	0	74	31080	Electronic Log
11.	IU1LCU	111	375	0	64	24000	Electronic Log
12.	IK2WAD	72	228	0	47	10716	Electronic Log
13.	IW3ILM	55	176	0	36	6336	Electronic Log
14.	IK2QIK	44	134	0	37	4958	Electronic Log
15.	IK2IKW	6	12	0	6	72	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IT9FRX	240	1004	0	131	131524	Electronic Log
2.	IU3LYJ	128	594	0	89	52866	Electronic Log
3.	IK7RVY	151	650	0	62	40300	Electronic Log
4.	IT9OPR	122	541	0	52	28132	Electronic Log
5.	IZ0VXY	110	301	0	43	12943	Electronic Log
6.	IZ8EQG	48	236	0	40	9440	Electronic Log

7.	IW0HLZ	42	183	0	32	5856	Electronic Log
8.	IZ3CTT	20	84	0	14	1176	Electronic Log
9.	IW1DQS	22	76	0	15	1140	Electronic Log

IS - Sardinia

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SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	IS0BRQ	6	48	0	5	240	Electronic Log

JA - Japan

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MULTI-OP ALL MIXED ONE

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	JK2VOC	13	52	0	9	468	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	JG1EIQ	35	133	0	16	2128	Electronic Log
2.	JR3AAZ	19	89	0	14	1246	Electronic Log
3.	JH0ROS/1	2	8	0	2	16	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	JA2KKA	14	72	0	10	720	Electronic Log

SINGLE-OP 80M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	JA5NSR	4	8	0	2	16	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	JO7KMB	65	288	0	36	10368	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	JA6GCE	341	1458	0	110	160380	Electronic Log
2.	JA6WFM	63	237	0	27	6399	Electronic Log
3.	JG2RFJ	31	132	0	17	2244	Electronic Log
4.	JA5QJX/0	9	30	0	7	210	Electronic Log

K - United States

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	N2GM	22	110	0	14	0	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	N4BP	204	773	0	55	42515	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	AA3B	327	1461	0	117	170937	Electronic Log
2.	K3UL	158	689	0	78	53742	Electronic Log
3.	K1IMI	139	641	0	75	48075	Electronic Log
4.	K3ZO	95	454	0	58	26332	Electronic Log
5.	K4RUM	105	443	0	55	24365	Electronic Log
6.	W1KM	70	365	0	51	18615	Electronic Log
7.	N9NC	77	353	0	49	17297	Electronic Log
8.	W1FJ	34	165	0	27	4455	Electronic Log
9.	K4MM	34	170	0	26	4420	Electronic Log
10.	N3AM	10	46	0	8	368	Electronic Log
11.	NX6T	8	24	0	5	120	Electronic Log
12.	W4CU	8	15	0	4	60	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	N2YO	738	3284	0	183	600972	Electronic Log
2.	AI4WW	164	624	0	71	44304	Electronic Log
3.	K3WW	91	380	0	36	13680	Electronic Log
4.	K4BAI	72	294	0	42	12348	Electronic Log
5.	N3UA	31	156	0	25	3900	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	KE2D	11	57	0	11	627	Electronic Log
2.	W3WHK	3	16	0	3	48	Electronic Log

LA - Norway

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LA/G3SWC	78	201	0	59	0	Electronic Log

MULTI-OP ALL MIXED ONE

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LG80T	133	491	0	96	47136	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LA0CX	554	1756	0	190	333640	Electronic Log
2.	LA8OM	430	1326	0	176	233376	Electronic Log
3.	LA2US	74	226	0	45	10170	Electronic Log

SINGLE-OP ALL HIGH SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LC5C	97	284	0	61	17324	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LA2HFA	314	1048	0	164	171872	Electronic Log
2.	LA7SI	104	302	0	50	15100	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LB4UH	474	1304	0	151	196904	Electronic Log

LU - Argentina

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SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. LW1D 15 69 0 14 966 Electronic Log

SINGLE-OP ALL HIGH CW

Callsign QSOs Points Penalts Mults Score Type
1. LU1AW 70 331 0 48 15888 Electronic Log

LY - Lithuania

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CHECKLOG

Callsign QSOs Points Penalts Mults Score Type
1. LY7M 19 56 0 14 0 Electronic Log

SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. LY2CO 241 767 0 59 45253 Electronic Log

SINGLE-OP 40M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. LY2MM 541 1733 0 79 136907 Electronic Log
2. LY4BF 156 486 0 52 25272 Electronic Log

SINGLE-OP 80M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. LY9A 312 969 0 63 61047 Electronic Log
2. LY2A 220 690 0 59 40710 Electronic Log
3. LY2LF 46 138 0 23 3174 Electronic Log
4. LY2SQ 46 116 0 21 2436 Electronic Log

SINGLE-OP ALL HIGH MIXED

Callsign QSOs Points Penalts Mults Score Type
1. LY7T 709 2427 0 244 592188 Electronic Log
2. LY2AX 673 2376 0 222 527472 Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LY2BAA	50	174	0	28	4872	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LY5Q	209	824	0	89	73336	Electronic Log
2.	LY5XX	41	161	0	28	4508	Electronic Log

SINGLE-OP ALL MIXED NOVICE-TECH

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LY1LB	260	1188	0	148	175824	Electronic Log

LZ - Bulgaria

CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LZ1JZ	100	224	0	48	0	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LZ2HR	353	958	0	58	55564	Electronic Log
2.	LZ2PS	315	829	0	58	48082	Electronic Log
3.	LZ6C	189	533	0	41	21853	Electronic Log
4.	LZ2FM	61	156	0	26	4056	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LZ1DQ	184	652	0	56	36512	Electronic Log
2.	LZ2OG	94	344	0	42	14448	Electronic Log
3.	LZ2ZY	37	216	0	28	6048	Electronic Log
4.	LZ1MC	54	192	0	28	5376	Electronic Log
5.	LZ2FN	59	169	0	24	4056	Electronic Log
6.	LZ2CH	26	74	0	19	1406	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LZ4A	487	1381	0	169	233389	Electronic Log
2.	LZ1YE	393	1056	0	137	144672	Electronic Log

3.	LZ3FN	232	718	0	128	91904	Electronic Log
4.	LZ30OJ	158	410	0	71	29110	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LZ3ZZ	385	1099	0	140	153860	Electronic Log
2.	LZ7DX	286	874	0	146	127604	Electronic Log
3.	LZ1VQ	284	859	0	127	109093	Electronic Log
4.	LZ5EE	259	765	0	127	97155	Electronic Log
5.	LZ3R	291	906	0	95	86070	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LZ1KZ	34	152	0	31	4712	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	LZ1DM	161	612	0	102	62424	Electronic Log
2.	LZ3SD	141	502	0	77	38654	Electronic Log
3.	LZ2JU	29	99	0	17	1683	Electronic Log

OE - Austria

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OE3BKC	89	329	0	59	19411	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	4U1A	275	786	0	110	86460	Electronic Log
2.	OE9WGI	216	629	0	102	64158	Electronic Log
3.	OE5FDM	122	404	0	74	29896	Electronic Log
4.	OE1XA	115	378	0	73	27594	Electronic Log
5.	OE1TKW	45	182	0	36	6552	Electronic Log
6.	OE/YO7CKQ/M	6	38	0	6	228	Electronic Log

OH - Finland

SINGLE-OP 15M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OH4BCS	20	100	0	17	1700	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OH1TD	220	748	0	64	47872	Electronic Log
2.	OH2MZA	109	375	0	43	16125	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OG55W	828	2665	0	238	634270	Electronic Log
2.	OH2BN	180	552	0	58	32016	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OG7F	693	2193	0	201	440793	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OH1TS	172	572	0	77	44044	Electronic Log
2.	OH1HS	117	445	0	72	32040	Electronic Log
3.	OH5MQ	84	271	0	56	15176	Electronic Log
4.	OH6LW	68	210	0	46	9660	Electronic Log
5.	OH1NOA	42	116	0	22	2552	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OH6ECM	263	1043	0	132	137676	Electronic Log
2.	OH4BNP	46	154	0	34	5236	Electronic Log

OK - Czech Republic

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OK2FB	150	430	0	74	0	Electronic Log

MULTI-OP ALL MIXED ONE

Callsign QSOs Points Penalts Mults Score Type
1. OL1B 361 1202 0 166 199532 Electronic Log

SINGLE-OP 10M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. OK2ABU 68 214 0 24 5136 Electronic Log
2. OK1DSA 23 64 0 15 960 Electronic Log

SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. OL5W 324 1013 0 72 72936 Electronic Log

SINGLE-OP 40M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. OL6D 143 435 0 48 20880 Electronic Log

SINGLE-OP 80M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. OK1AY 174 530 0 57 30210 Electronic Log

SINGLE-OP ALL HIGH CW

Callsign QSOs Points Penalts Mults Score Type
1. OK1VK 306 1249 0 203 253547 Electronic Log

SINGLE-OP ALL HIGH MIXED

Callsign QSOs Points Penalts Mults Score Type
1. OK1OA 546 1816 0 200 363200 Electronic Log
2. OK6CX 166 518 0 91 47138 Electronic Log

SINGLE-OP ALL LOW CW

Callsign QSOs Points Penalts Mults Score Type
1. OK2MBP 721 2270 0 231 524370 Electronic Log
2. OK4RQ 401 1528 0 196 299488 Electronic Log
3. OK1HEH 300 1061 0 151 160211 Electronic Log
4. OK2QX 341 1085 0 136 147560 Electronic Log
5. OK5SA 156 444 0 86 38184 Electronic Log

6. OK1PFM 102 340 0 69 23460 Electronic Log

OM - Slovak Republic

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SINGLE-OP ALL HIGH CW

Callsign QSOs Points Penalts Mults Score Type
1. OM3CPF 374 1121 0 157 175997 Electronic Log
2. OM3CW 307 863 0 104 89752 Electronic Log

SINGLE-OP ALL LOW CW

Callsign QSOs Points Penalts Mults Score Type
1. OM4WW 290 904 0 150 135600 Electronic Log
2. OM3WZ 126 499 0 80 39920 Electronic Log
3. OM3BA 69 218 0 45 9810 Electronic Log
4. OM3BY 75 234 0 30 7020 Electronic Log
5. OM4ANO 22 62 0 15 930 Electronic Log

SINGLE-OP ALL LOW MIXED

Callsign QSOs Points Penalts Mults Score Type
1. OM5CM 66 222 0 38 8436 Electronic Log

SINGLE-OP ALL LOW SSB

Callsign QSOs Points Penalts Mults Score Type
1. OM6AT 74 220 0 53 11660 Electronic Log
2. OM0WT 7 26 0 7 182 Electronic Log
3. OM1AJT 2 4 0 2 8 Electronic Log

ON - Belgium

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CHECKLOG

Callsign QSOs Points Penalts Mults Score Type
1. ON4EZJ/P 1 2 0 1 0 Electronic Log

SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. ON9EEE 18 58 0 14 812 Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	ON3ND	284	980	0	155	151900	Electronic Log
2.	ON7CC	133	437	0	79	34523	Electronic Log
3.	ON4CT	61	240	0	41	9840	Electronic Log
4.	ON4LY	13	104	0	12	1248	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	ON5WL	187	640	0	95	60800	Electronic Log
2.	OO9O	114	424	0	75	31800	Electronic Log

OZ - Denmark

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SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OZ/DL1CJ	7	16	0	6	96	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OZ3SM	579	1935	0	216	417960	Electronic Log
2.	OZ2TF	394	1296	0	166	215136	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OZ7EA	185	656	0	106	69536	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OV3X	419	1465	0	196	287140	Electronic Log
2.	OZ0B	104	371	0	77	28567	Electronic Log
3.	OZ4FF	100	360	0	62	22320	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	OZ1KVM	195	826	0	124	102424	Electronic Log

PA - Netherlands

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SINGLE-OP 10M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. PA5WT 93 334 0 39 13026 Electronic Log

SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. PD7CJT 116 343 0 42 14406 Electronic Log

SINGLE-OP ALL HIGH CW

Callsign QSOs Points Penalts Mults Score Type
1. PA4O 190 678 0 99 67122 Electronic Log
2. PA2A 138 470 0 73 34310 Electronic Log
3. PA5N 100 364 0 61 22204 Electronic Log

SINGLE-OP ALL HIGH MIXED

Callsign QSOs Points Penalts Mults Score Type
1. PB7Z 199 690 0 123 84870 Electronic Log
2. PE1BQE 44 112 0 28 3136 Electronic Log
3. PD0WR 27 96 0 17 1632 Electronic Log

SINGLE-OP ALL LOW CW

Callsign QSOs Points Penalts Mults Score Type
1. PA3DBS 260 869 0 133 115577 Electronic Log
2. PG2AA 270 888 0 126 111888 Electronic Log
3. PG6F 239 732 0 111 81252 Electronic Log
4. PA2W 231 660 0 118 77880 Electronic Log
5. PC3T 197 661 0 87 57507 Electronic Log
6. PA0RHA 103 322 0 76 24472 Electronic Log
7. PA3DAT 97 341 0 68 23188 Electronic Log
8. PA5GU 92 284 0 60 17040 Electronic Log
9. PE2K 87 263 0 64 16832 Electronic Log
10. PA2TA 94 277 0 58 16066 Electronic Log
11. PE1HWO 55 259 0 49 12691 Electronic Log
12. PA5V 85 231 0 54 12474 Electronic Log
13. PA0CT 57 172 0 35 6020 Electronic Log
14. PA3HCC 51 147 0 40 5880 Electronic Log

15.	PA0WKI	51	151	0	37	5587	Electronic Log
16.	PA5TT	49	153	0	30	4590	Electronic Log
17.	PA0ZAV	37	118	0	25	2950	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	PE5O	116	430	0	80	34400	Electronic Log
2.	PG5V	94	316	0	58	18328	Electronic Log
3.	PC7E	91	280	0	59	16520	Electronic Log
4.	PA2DK	27	80	0	22	1760	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	PD1ABO	105	416	0	57	23712	Electronic Log
2.	PE1EWR	47	162	0	36	5832	Electronic Log
3.	PC4K	1	8	0	1	8	Electronic Log

PY - Brazil

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	PY4HO	31	152	0	21	0	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	PT4T	22	110	0	16	1760	Electronic Log
2.	PY5QW	8	44	0	8	352	Electronic Log
3.	PY5FO	3	12	0	3	36	Electronic Log
4.	PY4ARS	2	12	0	2	24	Electronic Log

S5 - Slovenia

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SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	S58MU	135	439	0	49	21511	Electronic Log

SINGLE-OP ALL LOW CW

 Callsign QSOs Points Penalts Mults Score Type
 1. S55N 203 638 0 95 60610 Electronic Log

SINGLE-OP ALL LOW SSB

 Callsign QSOs Points Penalts Mults Score Type
 1. S56WYB 247 1040 0 136 141440 Electronic Log

SM - Sweden

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MULTI-OP ALL MIXED ONE

 Callsign QSOs Points Penalts Mults Score Type
 1. SI9AM 984 3016 0 257 775112 Electronic Log

SINGLE-OP 10M MIXED

 Callsign QSOs Points Penalts Mults Score Type
 1. SM6IQD 111 400 0 43 17200 Electronic Log

SINGLE-OP 20M MIXED

 Callsign QSOs Points Penalts Mults Score Type
 1. SM6VWG 85 252 0 37 9324 Electronic Log

SINGLE-OP ALL HIGH CW

 Callsign QSOs Points Penalts Mults Score Type
 1. SM6E 816 2554 0 232 592528 Electronic Log
 2. SD6M 437 1351 0 153 206703 Electronic Log
 3. SD1A 379 1170 0 150 175500 Electronic Log
 4. SM7IUN 119 435 0 72 31320 Electronic Log
 5. SA0BXV 79 255 0 45 11475 Electronic Log

SINGLE-OP ALL HIGH SSB

 Callsign QSOs Points Penalts Mults Score Type
 1. SI3A 225 863 0 113 97519 Electronic Log
 2. SM7DQV 180 783 0 113 88479 Electronic Log
 3. SA5HUB 20 47 0 16 752 Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SM5CSS	277	994	0	143	142142	Electronic Log
2.	SF1Z	275	961	0	142	136462	Electronic Log
3.	SD6F	271	842	0	136	114512	Electronic Log
4.	SF0A	276	879	0	116	101964	Electronic Log
5.	SM0HRP	274	820	0	118	96760	Electronic Log
6.	SE6N	198	712	0	109	77608	Electronic Log
7.	SM6NT	187	546	0	102	55692	Electronic Log
8.	SM5ALJ	119	495	0	85	42075	Electronic Log
9.	SM2BJS	161	468	0	81	37908	Electronic Log
10.	SM7RYR	58	236	0	43	10148	Electronic Log
11.	SM7ATL	37	116	0	29	3364	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SE4E	642	2157	0	220	474540	Electronic Log
2.	SM5DXR	123	373	0	80	29840	Electronic Log
3.	SE6K	112	449	0	66	29634	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SE5W	121	554	0	76	42104	Electronic Log

SP - Poland

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SO9I	56	194	0	24	0	Electronic Log
2.	SP2MHD	25	159	0	23	0	Electronic Log
3.	SP2SWI	1	2	0	1	0	Electronic Log

MULTI-OP ALL MIXED ONE

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SP8R	1190	3702	0	292	1080984	Electronic Log
2.	HF1919PS	198	624	0	111	69264	Electronic Log

SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SN4A	441	624	0	54	33696	Electronic Log

2. SP2HMY 1 1 0 1 1 Electronic Log

SINGLE-OP 15M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. SP2QCW 2 12 0 2 24 Electronic Log

SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. SP3FSM 14 41 0 12 492 Electronic Log
2. SQ3PMX 1 8 0 1 8 Electronic Log

SINGLE-OP 40M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. SQ3WW 51 191 0 31 5921 Electronic Log
2. SQ7LQJ 34 126 0 26 3276 Electronic Log

SINGLE-OP 80M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. SP9DLY 115 377 0 49 18473 Electronic Log

SINGLE-OP ALL HIGH CW

Callsign QSOs Points Penalts Mults Score Type
1. SN6A 457 1732 0 175 303100 Electronic Log
2. SQ8LUU 529 1530 0 173 264690 Electronic Log
3. SN5N 403 1348 0 128 172544 Electronic Log
4. SP3VT 410 1253 0 109 136577 Electronic Log

SINGLE-OP ALL HIGH MIXED

Callsign QSOs Points Penalts Mults Score Type
1. SP4G 462 1791 0 158 282978 Electronic Log
2. SP1JQJ 235 858 0 124 106392 Electronic Log

SINGLE-OP ALL HIGH SSB

Callsign QSOs Points Penalts Mults Score Type
1. SQ1OD 521 2079 0 219 455301 Electronic Log

SINGLE-OP ALL LOW CW

Callsign QSOs Points Penalts Mults Score Type

1.	SP1AEN	712	2475	0	255	631125	Electronic Log
2.	SP2MKI	708	2278	0	233	530774	Electronic Log
3.	SP4AWE	494	1623	0	190	308370	Electronic Log
4.	SP2R	455	1538	0	184	282992	Electronic Log
5.	SP9JZT	350	1042	0	121	126082	Electronic Log
6.	SQ9S	291	871	0	136	118456	Electronic Log
7.	SP2AEK	275	955	0	119	113645	Electronic Log
8.	SP3DOF	219	700	0	79	55300	Electronic Log
9.	SN0R	145	322	0	64	20608	Electronic Log
10.	SQ3MZU	52	212	0	41	8692	Electronic Log
11.	SQ2EEQ	60	181	0	47	8507	Electronic Log
12.	SN2W	37	130	0	31	4030	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SP2GMA	721	2580	0	236	608880	Electronic Log
2.	SP9H	625	2006	0	222	445332	Electronic Log
3.	SQ7FGT	95	341	0	57	19437	Electronic Log
4.	SP3BBS	34	137	0	30	4110	Electronic Log
5.	SP9IVD	27	120	0	24	2880	Electronic Log

SV - Greece

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SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SV1ENG	413	1408	0	149	209792	Electronic Log
2.	SV8/SV2BXA	67	242	0	48	11616	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SV3RPQ	95	454	0	64	29056	Electronic Log
2.	SV3SKM	38	210	0	28	5880	Electronic Log

SV9 - Crete

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SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SV9RPE	29	104	0	20	2080	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	SV9RNG	118	488	0	82	40016	Electronic Log

TA - Asiatic Turkey

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SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	TA1UT	2	5	0	2	10	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	TA3ON	144	702	0	43	30186	Electronic Log
2.	TA3AER	15	62	0	12	744	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	TA4CS	55	297	0	28	8316	Electronic Log

SINGLE-OP ALL HIGH SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	TA1API	54	323	0	39	12597	Electronic Log
2.	TA1IUY	2	6	0	2	12	Electronic Log
3.	TA1OES	1	2	0	1	2	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	TA2BS	32	162	0	28	4536	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	TA1HZ	142	669	0	79	52851	Electronic Log
2.	TA4RC	15	86	0	15	1290	Electronic Log
3.	TA2LP	12	68	0	12	816	Electronic Log

TF - Iceland

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SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	TF3VS	24	72	0	14	1008	Electronic Log

UA - European Russia

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	R2LAC	16	68	0	13	0	Electronic Log
2.	RA3DJA	37	111	0	26	0	Electronic Log
3.	RC3U	20	61	0	13	0	Electronic Log
4.	RC6U	85	318	0	37	0	Electronic Log
5.	UA3LID	223	933	0	146	0	Electronic Log

SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UA6AK	231	359	0	40	14360	Electronic Log
2.	R2EA	64	237	0	35	8295	Electronic Log
3.	R6KEE	102	163	0	28	4564	Electronic Log

SINGLE-OP 15M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RW3YA	179	620	0	59	36580	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RK3BX	562	1863	0	82	152766	Electronic Log
2.	UA4C	503	1510	0	78	117780	Electronic Log
3.	R3LC	261	920	0	63	57960	Electronic Log
4.	UA6ARR	211	641	0	63	40383	Electronic Log
5.	R4LR	97	407	0	54	21978	Electronic Log
6.	RL3T	121	424	0	50	21200	Electronic Log
7.	UA1CEG/P	7	21	0	7	147	Electronic Log
8.	RU4LM	1	1	0	1	1	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RA6GW	121	476	0	62	29512	Electronic Log
2.	RM5F	62	234	0	38	8892	Electronic Log

SINGLE-OP 80M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	R3ZZ	283	879	0	65	57135	Electronic Log
2.	UA3LEO	73	264	0	41	10824	Electronic Log
3.	UA1OM	35	118	0	21	2478	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RK3ER	1123	3529	0	315	1111635	Electronic Log
2.	RM1T	1067	3281	0	285	935085	Electronic Log
3.	RM2D	819	2713	0	263	713519	Electronic Log
4.	R4IO	682	2384	0	257	612688	Electronic Log
5.	R3OM	694	2373	0	254	602742	Electronic Log
6.	RC3M	674	2223	0	223	495729	Electronic Log
7.	RT5C	535	1994	0	240	478560	Electronic Log
8.	RA3NC	530	1763	0	227	400201	Electronic Log
9.	RT4M	580	1829	0	196	358484	Electronic Log
10.	RU5TT	528	1620	0	178	288360	Electronic Log
11.	R4ACY	310	1013	0	143	144859	Electronic Log
12.	R3CW	285	987	0	131	129297	Electronic Log
13.	R3ST	246	893	0	138	123234	Electronic Log
14.	RD3AT	190	660	0	95	62700	Electronic Log
15.	RK7F	206	692	0	81	56052	Electronic Log
16.	R7AT	127	447	0	69	30843	Electronic Log
17.	UI3A	64	229	0	38	8702	Electronic Log
18.	UA3DSN	8	27	0	7	189	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UA5C	1537	5411	0	362	1958782	Electronic Log
2.	R4BZ	548	1968	0	231	454608	Electronic Log
3.	RM2U	310	1090	0	142	154780	Electronic Log
4.	UA1F	189	812	0	104	84448	Electronic Log
5.	UA6AA	216	660	0	92	60720	Electronic Log
6.	R6AP	177	535	0	107	57245	Electronic Log
7.	RT2C	137	552	0	83	45816	Electronic Log
8.	R1LN	113	338	0	52	17576	Electronic Log

SINGLE-OP ALL HIGH SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RW1CW	127	585	0	82	47970	Electronic Log
2.	R2GB	75	370	0	64	23680	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	R7MM	938	3103	0	296	918488	Electronic Log
2.	UA5F	810	2796	0	300	838800	Electronic Log
3.	R7CT	616	2043	0	264	539352	Electronic Log
4.	UA6CC	631	2008	0	244	489952	Electronic Log
5.	UC5D	590	1992	0	219	436248	Electronic Log
6.	UA6LCJ	521	1818	0	217	394506	Electronic Log
7.	UA3RBR	579	1962	0	194	380628	Electronic Log
8.	R3VL	455	1652	0	209	345268	Electronic Log
9.	UG4A	498	1708	0	199	339892	Electronic Log
10.	RT7C	474	1616	0	197	318352	Electronic Log
11.	RW3AI	479	1533	0	194	297402	Electronic Log
12.	RA3AN	397	1411	0	174	245514	Electronic Log
13.	UA9CTT/6	397	1366	0	176	240416	Electronic Log
14.	UA6HFI	408	1319	0	179	236101	Electronic Log
15.	R3OR	339	1172	0	154	180488	Electronic Log
16.	UA4S	309	1128	0	143	161304	Electronic Log
17.	R1AT	309	1033	0	144	148752	Electronic Log
18.	RK3P	333	1040	0	139	144560	Electronic Log
19.	RC1W	229	954	0	149	142146	Electronic Log
20.	UA9XF	348	989	0	130	128570	Electronic Log
21.	RN4AO	296	986	0	129	127194	Electronic Log
22.	UF5D	203	848	0	144	122112	Electronic Log
23.	RV3PN	248	928	0	128	118784	Electronic Log
24.	RA3XCZ	251	844	0	140	118160	Electronic Log
25.	RN4SC	275	875	0	130	113750	Electronic Log
26.	R2UZ	234	855	0	129	110295	Electronic Log
27.	R7AC	238	815	0	126	102690	Electronic Log
28.	R7MT	206	738	0	122	90036	Electronic Log
29.	RN3S	173	700	0	127	88900	Electronic Log
30.	UG3G	271	817	0	106	86602	Electronic Log
31.	R9XS	290	781	0	110	85910	Electronic Log
32.	R4KO	233	693	0	111	76923	Electronic Log
33.	R5FP	261	786	0	93	73098	Electronic Log
34.	RL6MF	210	674	0	108	72792	Electronic Log
35.	RD3FT	179	640	0	101	64640	Electronic Log
36.	UA3MIF	156	588	0	106	62328	Electronic Log
37.	RD1T	175	636	0	95	60420	Electronic Log

38.	RT4H	133	499	0	92	45908	Electronic Log
39.	UA3YDI	150	494	0	85	41990	Electronic Log
40.	RA5AQ	139	456	0	77	35112	Electronic Log
41.	R5AF	148	474	0	72	34128	Electronic Log
42.	R7TW	110	457	0	69	31533	Electronic Log
43.	RM7F	127	415	0	68	28220	Electronic Log
44.	R4WT	140	412	0	63	25956	Electronic Log
45.	UA6HLP	95	340	0	71	24140	Electronic Log
46.	RX7T	111	388	0	61	23668	Electronic Log
47.	R3NAN	116	382	0	58	22156	Electronic Log
48.	R1QE	112	336	0	59	19824	Electronic Log
49.	R7KU	82	208	0	47	9776	Electronic Log
50.	RX3MM	56	222	0	44	9768	Electronic Log
51.	RV3DBK	63	208	0	46	9568	Electronic Log
52.	RV1OM	54	186	0	37	6882	Electronic Log
53.	R2DEM	33	92	0	26	2392	Electronic Log
54.	RN1AO	36	101	0	23	2323	Electronic Log
55.	UA4FDL	33	106	0	21	2226	Electronic Log
56.	RC3F/P	3	8	0	3	24	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RG5A/6	463	1607	0	193	310151	Electronic Log
2.	RM2T	511	1516	0	172	260752	Electronic Log
3.	RL4F	256	927	0	124	114948	Electronic Log
4.	RA7R	292	854	0	109	93086	Electronic Log
5.	RV3ZN	253	818	0	93	76074	Electronic Log
6.	RA4Y	155	631	0	98	61838	Electronic Log
7.	RA4DR	122	485	0	92	44620	Electronic Log
8.	UA4CNJ	102	415	0	63	26145	Electronic Log
9.	R4WAB	39	115	0	25	2875	Electronic Log
10.	R3VR	21	69	0	15	1035	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RZ3Z	522	2143	0	221	473603	Electronic Log
2.	UA6YN	132	592	0	95	56240	Electronic Log
3.	R2EL	45	228	0	37	8436	Electronic Log
4.	RA3DQP	38	141	0	30	4230	Electronic Log

SINGLE-OP ALL MIXED NOVICE-TECH

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	R1ZM	244	710	0	115	81650	Electronic Log

UA2 - Kaliningrad

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SINGLE-OP ALL LOW CW

Callsign QSOs Points Penalts Mults Score Type
1. UA2FL 972 3218 0 266 855988 Electronic Log

UA9 - Asiatic Russia

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CHECKLOG

Callsign QSOs Points Penalts Mults Score Type
1. R8TT 247 1125 0 104 0 Electronic Log
2. RA0AY 16 43 0 11 0 Electronic Log
3. RA9DZ 67 292 0 38 0 Electronic Log

MULTI-OP ALL MIXED ONE

Callsign QSOs Points Penalts Mults Score Type
1. RF9C 996 4634 0 311 1441174 Electronic Log
2. RC9J 578 2536 0 143 362648 Electronic Log
3. RK9LWA 393 1754 0 135 236790 Electronic Log
4. R8IZ 163 705 0 60 42300 Electronic Log

SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. R0AA 319 1341 0 62 83142 Electronic Log
2. RX9CM 223 966 0 54 52164 Electronic Log

SINGLE-OP 40M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. UA9SMU 205 909 0 53 48177 Electronic Log

SINGLE-OP ALL HIGH CW

Callsign QSOs Points Penalts Mults Score Type
1. RG9A 1234 5511 0 316 1741476 Electronic Log
2. R9CW 903 3990 0 265 1057350 Electronic Log
3. RD0A 333 1383 0 113 156279 Electronic Log

4.	RQ9O	258	1065	0	106	112890	Electronic Log
5.	RU0LL	78	289	0	34	9826	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UA9BA	243	1099	0	98	107702	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	RA9AP	555	2478	0	183	453474	Electronic Log
2.	RW9DX	309	1399	0	138	193062	Electronic Log
3.	RU9TN	298	1339	0	112	149968	Electronic Log
4.	RL9L	271	1176	0	109	128184	Electronic Log
5.	RN9RF	254	1163	0	106	123278	Electronic Log
6.	RW0AJ	248	1023	0	91	93093	Electronic Log
7.	R8WO	197	907	0	94	85258	Electronic Log
8.	RA9MX	133	582	0	73	42486	Electronic Log
9.	RU9AC	112	517	0	61	31537	Electronic Log
10.	R9QQ	77	323	0	39	12597	Electronic Log
11.	RT8O	50	220	0	27	5940	Electronic Log
12.	RW0UM	34	123	0	14	1722	Electronic Log
13.	R9SS	21	62	0	8	496	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UA9SUV/8	22	90	0	14	1260	Electronic Log

SINGLE-OP ALL MIXED NOVICE-TECH

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	R0AIB	95	416	0	56	23296	Electronic Log

UN - Kazakhstan

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SINGLE-OP 15M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UN4PG	138	637	0	51	32487	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UN0LM	283	1184	0	66	78144	Electronic Log
2.	UN7ZZ	53	222	0	24	5328	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UN7ZW	130	545	0	39	21255	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UN7LZ	176	1408	0	116	163328	Electronic Log
2.	UN9GD	203	835	0	83	69305	Electronic Log
3.	UN5G	183	786	0	76	59736	Electronic Log
4.	UN7QF	21	91	0	17	1547	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UN6LN	296	1277	0	111	141747	Electronic Log
2.	UN7LDR	197	879	0	78	68562	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UN8PT	197	816	0	69	56304	Electronic Log

UR - Ukraine

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CHECKLOG

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UR4IZ	72	277	0	39	0	Electronic Log
2.	UT7UX	0	0	0	0	0	Electronic Log
3.	UT8AS	117	484	0	88	0	Electronic Log
4.	UX3I	445	1556	0	183	0	Electronic Log

MULTI-OP ALL MIXED ONE

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UR4RWW	813	2626	0	255	669630	Electronic Log
2.	UW6M	276	1052	0	115	120980	Electronic Log

SINGLE-OP 10M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UY7RR	74	261	0	33	8613	Electronic Log
2.	UY5QZ	61	171	0	27	4617	Electronic Log

SINGLE-OP 15M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UT3EK	145	209	0	37	7733	Electronic Log

SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UY5ZZ	518	1611	0	86	138546	Electronic Log
2.	UX7QD	119	344	0	41	14104	Electronic Log
3.	UR3QTN	85	314	0	34	10676	Electronic Log
4.	UT5IZ	39	104	0	20	2080	Electronic Log
5.	UT9EZ	8	27	0	8	216	Electronic Log

SINGLE-OP 40M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	US1VM	298	983	0	65	63895	Electronic Log
2.	UR7QC	271	915	0	68	62220	Electronic Log
3.	UT2UB	265	759	0	59	44781	Electronic Log
4.	UZ0U	41	171	0	25	4275	Electronic Log
5.	UX2HB	45	144	0	22	3168	Electronic Log

SINGLE-OP 80M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	EN5V	103	346	0	44	15224	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UW5U	754	2104	0	196	412384	Electronic Log
2.	UV5QQ	83	242	0	42	10164	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UX2MF	265	1029	0	121	124509	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UR7MZ	864	3161	0	305	964105	Electronic Log
2.	UW1WU	513	1383	0	181	250323	Electronic Log
3.	UT5NR	506	1408	0	173	243584	Electronic Log
4.	US3IZ	234	841	0	134	112694	Electronic Log
5.	UT4LW	233	854	0	125	106750	Electronic Log
6.	UT3UZ	248	899	0	110	98890	Electronic Log
7.	UR3VKR	121	488	0	79	38552	Electronic Log
8.	UR4LIN	76	260	0	46	11960	Electronic Log
9.	US1UU	62	209	0	46	9614	Electronic Log
10.	UT7MR	52	194	0	29	5626	Electronic Log
11.	UT7IS	64	201	0	26	5226	Electronic Log
12.	UR5FCM	23	58	0	10	580	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	UT3SO	579	1746	0	182	317772	Electronic Log
2.	UT5EOX	152	645	0	97	62565	Electronic Log
3.	US3LX	11	63	0	11	693	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	US5QUB	150	720	0	95	68400	Electronic Log
2.	UW5EMC	14	44	0	10	440	Electronic Log

VE - Canada

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SINGLE-OP 20M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	VE3FJ	57	246	0	31	7626	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	VA2UR	18	74	0	13	962	Electronic Log
2.	VO1MP	11	64	0	10	640	Electronic Log

VR - Hong Kong

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SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. VR2CO 13 56 0 11 616 Electronic Log

YB - Indonesia

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SINGLE-OP 20M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. YB4FIK 7 44 0 5 220 Electronic Log

YL - Latvia

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SINGLE-OP 10M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. YL2TD 178 592 0 56 33152 Electronic Log
2. YL2LW 62 294 0 35 10290 Electronic Log

SINGLE-OP 40M MIXED

Callsign QSOs Points Penalts Mults Score Type
1. YL3GQ 195 691 0 50 34550 Electronic Log
2. YL2PP 70 252 0 35 8820 Electronic Log

SINGLE-OP ALL HIGH CW

Callsign QSOs Points Penalts Mults Score Type
1. YL7X 1262 4091 0 326 1333666 Electronic Log
2. YL5X 522 1820 0 208 378560 Electronic Log
3. YL1ZF 400 1316 0 152 200032 Electronic Log

SINGLE-OP ALL HIGH SSB

Callsign QSOs Points Penalts Mults Score Type
1. YL3CW 104 504 0 73 36792 Electronic Log

SINGLE-OP ALL LOW CW

Callsign QSOs Points Penalts Mults Score Type

1.	YL3GAZ	324	1001	0	100	100100	Electronic Log
2.	YL3FW	213	797	0	117	93249	Electronic Log
3.	YL3JD	36	170	0	28	4760	Electronic Log

SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YL2GP	192	1009	0	128	129152	Electronic Log

YO - Romania

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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

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

MULTI-OP ALL MIXED ONE OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YO6KPT	283	1228	0	35	42980	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 HIGH CW OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YO5LD	1174	5212	0	199	1037188	Electronic Log
2.	YO8OY	1013	4632	0	169	782808	Electronic Log

3.	YP0HQ	243	1064	0	74	78736	Electronic Log
4.	YO9IF	84	372	0	36	13392	Electronic Log
5.	YO8COQ	36	160	0	34	5440	Electronic Log

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 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 LOW CW OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YO3ND	839	3616	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.	YO9AGI	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 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.	YO6GUU	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

SINGLE-OP ALL LOW MIXED OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YR2019SIMPO	413	1792	0	116	207872	Electronic Log
2.	YO5OAC	161	704	0	71	49984	Electronic Log

SINGLE-OP ALL LOW SSB OPEN

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YO6BLM	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.	YO9BXC	63	264	0	40	10560	Electronic Log
13.	YO7DBR	62	276	0	34	9384	Electronic Log
14.	YO9IOE	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.	YO9ADN	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.	YO6OBG	8	32	0	7	224	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

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

YU - Serbia

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MULTI-OP ALL MIXED ONE

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YU1ANO	248	756	0	107	80892	Electronic Log

SINGLE-OP 80M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YU1ED	232	737	0	62	45694	Electronic Log
2.	YT1WA	249	735	0	58	42630	Electronic Log
3.	YU5T	134	510	0	53	27030	Electronic Log

SINGLE-OP ALL HIGH MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YT9M	676	1863	0	203	378189	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YU1YV	508	1616	0	178	287648	Electronic Log
2.	YT1Q	510	1548	0	177	273996	Electronic Log
3.	YT5N	83	212	0	44	9328	Electronic Log

SINGLE-OP ALL LOW SSB

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	YT0W	391	1074	0	129	138546	Electronic Log
2.	YU4UKI	193	786	0	100	78600	Electronic Log
3.	YU3MUP	27	132	0	17	2244	Electronic Log

Z3 - North Macedonia

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SINGLE-OP 80M MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	Z39Z	156	573	0	56	32088	Electronic Log
2.	Z33F	49	205	0	29	5945	Electronic Log

SINGLE-OP ALL HIGH CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	Z35Y	746	2143	0	184	394312	Electronic Log
2.	Z33B	292	919	0	105	96495	Electronic Log

SINGLE-OP ALL LOW CW

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	Z36W	354	901	0	118	106318	Electronic Log

ZA - Albania

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SINGLE-OP ALL LOW MIXED

	Callsign	QSOs	Points	Penalts	Mults	Score	Type
1.	ZA1F	36	136	0	32	4352	Electronic Log



