



# NEWSLETTER

No. 54 Dec. 2013

## General Meeting of KCJ

KCJ President JR3KQJ Masaki Nakashima

Next general meeting of KCJ will be held in JA4 area. Tad, JA4TY, will preside it. It presumably will be held on second Sunday of September 2014 in Hiroshima or Yamaguchi prefectures. KCJ recruits staffs to support him.

## Repairing of Old Power Supply

JM1HUX Taka Yamago

One day when I turned on the switch of a power supply, the main fuse blew. Haven't you experienced this kinds of troubles? This power supply was made more than 30 years ago. I called the manufacturer and the serviceman I told said that he didn't have parts for repairing my power supply but there might exist substitutes on the market. He recommended me to look for it. I checked out the power supply and found that a rectifier diode had shorted out. I headed for Akihabara and bought a substitute. I tried to fix it. Because of my presbyopia due to getting older, it was hard to find the position of the damaged part. Finally I succeeded to replace the wrong part for the good one and got the output voltage of 13.8 V. It is working fine, supplying power to the rig I got two years ago. The serviceman explained that devices which treated a lot of current would be suddenly damaged due to the penetration of air caused by the getting worse of adhesive. Anyway, the fare to Akihabara costed higher than the part price itself.

## Meeting in JA8 Area



JE8RKV Fujiko Ohta  
The meeting was held on 8th through 9th Nov. at Yunokawa Gand Hotel Shoen in Hakodate city, Hokkaido. On 8, due to the low pressure system, it became rainstorm across the whole region of Hokkaido and temperature went down by 10 lower compared with that of the

day before. I, as an organizer, hoped members to arrive at the hotel without eventfulness.

Till 19:00 local time all members gathered. Eating dinner, we were busy at talking how we had been getting along. Main dish of dinner was crabs which we could have as much as we liked. Therefore, we also were busy at eating dinner. hi.

## Introduction of KCJ Members

### JG1RIA Yoshio “YOSHIO” Ayabe

Forty years have passed since I began ham radio on six meter AM mode. In 1974, in my office worker era, I used to meet JG1VMP every morning in a commuter car and he recommended me joining a excellent club which consisted of many excellent CW operators. He meant KCJ and I joined. In those days, I became avid on ham radio. I constructed a humble shack and built a self supported tower, working on days-off for several years. I was active on DX hunting. Meanwhile I wanted to run 500 watts station, so I learned Japanese codes, took an exam, passed it for a first class operator license, and started running a 500 watts station.

I had been enjoying ham radio till 1998. In 1998, the river Frau which run behind of my shack flooded due to a heavy rain. The civil service decided that the river basin had to be expanded. As a result, I had to remove my tower and antennas. After this I haven't been so much active.

Nowadays, I am interested in climbing and cycling in addition to ham radio.



### **JG3MJS Toshio "TOSHI" Uemura**

Now I live in Wakayama prefecture. I was, however, born and grew up in Kitakyushu city, Fukuoka prefecture. I had been there till the age of 24. Kitakyushu city was an industrial zone famous by Yahata iron works and therefore suffered from industrial pollution. Now it became clean.

I at present live in Iwade city Wakayama prefecture. It locates next to Osaka prefecture and had a populatin of about 50,000. The population is increasing as a bed town suburb of Osaka.

High school I belonged to in Kitakyushu city had a club station of ham radio. I was interested in it and joined this club. I was fascinated with ham radio. Seniors in the club kindly instructed me about building rigs, operation techniques and so on. I got a phone class operator license at 1962 and fulfilled my dream of having a private station. Because I was a high school student, I didn't have enough money to buy rigs, so I put together many used parts to build rigs. There happened many troubles. In order to troubleshoot, I had to consider and surmise the causes of troubles. These are good memories for me.

After I got job, my radio activity went down. In 1970's amateur radio boom happened. I again got started a station in 1979 with the call sign JG3MJS. I used to be on the air on two meter FM mode, setting rigs on my car. I had a friend who was a second class licensed operator active for a long time. He advised me to try to gey a second class operator license. I was not familiar

with CW, so I practiced it hard. At the listening exam of CW, its sound echoed in a closed room. In spite of this difficulty, I fortunately passed it.

In order to operate CW mode, I bought TS-820 and listened to actual QSOs. I was astonished that actual QSOs were made at higher speed than that in the exam. I again practiced listening hard. When I made a first CW QSO, I got very nervous and was in a cold sweat. As my activity increased, I got more interested in CW. However, one year later I quit ham radio again. It was because only rubber stamp QSOs lacked varieties. Since then, twenty years has passed and the time I have to retire was approaching. When I asked myself what I would do after my retirement? I without hesitation decided to make comeback on ham radio, this time, on chat with Japanese CW codes.

I got started the listening practice of Japanese codes. A half year practice made me understandable actual QSOs. Then, I started keying practice with a straight key. But I couldn't do it because of a 20 year break and decline of arm muscle due to getting on in years. I shifted to an electric keyer and a paddle. I am a right hander but I



practiced keying with left hand. In 2005, I obtained a call sign JG3MJS the same as before. It has third time station license for me. After I got a station license, I spent one year for keying practice. So, first contact was made one year later.

When I came back, I had a lot of surprise. First, the downsizing and the high ability of rigs. Second, the 599BK style QSO. After I came back to the ham world, I got many friends and got a lot of benefit from them, Ham make wonderful world.

Apart from amateur radio, I like travel and drinking. I used to travel with my wife. We made overseas travel more than ten times. Most impressive place was 3000 meter mountains of Alps in Swiss. I felt as if I would be in heaven. After retirement, I wanted to go to domestic hot springs.

Actually I have been enjoying them. In my born place Kyushu, people say an adult man ought to drink. I obey their saying. hi I used to be on a air with drinking but my keyng were disordered, thus, recently I just watched when I drank.

I have enjoying ham radio by the support of many hams. This is a excellent society. I think my comeback on ham radio is a right answer to the question what I do after the retirement. Please give me a ccall when you hear me.

## JH8CHT Masahiro "SATO" Sato

My encounter with Morse codes occurred in a summer vacation when I was in the second grade of a junior highschool. On the way to the school, I heard strange sound like pi-pi-pi-. One day I found its source. When I looked into the open window where the sound came, a young man was keying in front of a old radio set. He told me that he was learning radio in an industrial school. Later the sound of Morse codes didn't come from there but it remained in my memory.

After I got job, following the recommendation of my colleague, I became a ham active on 144 MHz. Watching CW QSO on 40 meters, I sentimentally recalled Morse code



sound in my junior highschool era. It will be not so long time when I got free from my job, then I will be active on radio.

## Voice of Members

JA1KI: Recently I confined my mobile operation to the place near my QTH. I remember that at one time I moved to all area across Japan. I am planning mobile operations to the area of one day travel.

JA1TCF: I checked out old QSL cards and found new confirmation of deleted Gun. Good luck. My wife always said me to clear out rubbish. Yes, She meant my QSL cards!!

JH1XUP: Recent 40 meter band have been occupied by many mobile

stations and I couldn't make QSO with sitting back and enjoy it. A least I want to introduce my QTH, name, my equipments and antenna in a QSO.

JN1WXW: I could obtain productive results on DX hunting in las month and reported. Somehow sunspot numbers increased and I was easy to get EU on 10 meters with my hamble antenna. I looked for AF for WAC in vain.

JQ1NGT: My activities in August were participations in Field Day and KCJ contests. Visited HamFair on August 25. Didn't find new rigs and also didn't find all mode rigs for V/UHF. Run 8J1A on 40 meter CW. Enjoyed 45 QSOs in 25 minutes. At the KCJ booth I made eyeball contacts with four hams. In addition to contacts on the air, eyeball contacts are important to know each other, I think.

JA2OLJ: . I made mobile operation in area three, my first mobile operation outside of my area two. This was for participating in Nara V/UHF contest. My antenna was not a beam but a GP. As I had expected, participants were many in number and got results exceeding my hope. I thought it is a good idea for score up KCJA points to go to other areas and be enthusiastic on V/UHF bands.

JA2PYD: I recently thought my keying skill of a straight key was gettnng better. I actively participated in contest where only a straight key was exclusively used.

JO3OMA: Thank you for taking care of my daughter in HamFair 2013. She was very excited and declared that she would be there next year. I will take my another daughter next time, so it will become more noisy.

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## KCJ Award

<b>JE0EHE</b> (会員) 13-8-30 350pts(No.088)									
新規申請									
Band	1.9	3.5	7	10	14	18	21	24	28
Pts	47	47	47	47	47	27	47	10	16
Band	50	144	430	1.2	2.4	5.6	24	SAT	SUM
Pts	25	9	4	0	0	0	0	0	373

JE0EHE: KCJA350 #088  
 JG7UVO KCJA100 #348  
 JF5FWZ KCJA100 #349  
 KCJA150 #181

<b>JG7UVO</b> (会員) 13-10-25 100pts(No.348)									
新規申請 (全交信5W運用)									
Band	1.9	3.5	7	10	14	18	21	24	28
Pts	0	3	31	47	11	13	13	0	0
Band	50	144	430	1.2	2.4	5.6	24	SAT	SUM
Pts	0	0	0	0	0	0	0	0	118

<b>JF5FWZ</b> (非会員) 13-11-4 100pts(No.349) 150pts(No.181)									
新規申請									
Band	1.9	3.5	7	10	14	18	21	24	28
Pts	26	15	47	47	6	20	4	6	0
Band	50	144	430	1.2	2.4	5.6	24	SAT	SUM
Pts	0	0	0	0	0	0	0	0	171

## New Members

### **JA2VNX: Hiroaki "HIRO" Yokoie #444**

He began CW because it didn't bother his family. He was attracted the ability of CW for DX contact with low power.

### **JK1DMT: Hiroyuki "HIRO" Morikawa #445**

One of our members, JA1COP, recommended him to join KCJ. He has 23 year's experience of CW. His main activity now is CW on 80, 40 and 30 meters.

### **JJ6OSK: Norihiko "YAMA" Yamanaka #446**

Visiting KCJ booth of HamFair this year triggered his applying for becoming a member of KCJ. He has been active on CW for 23 years.

### **JG1CEY: Sumio "JUN" Suzuki #447**

After getting a CW operator license, he became avid on this mode. Now he has a first class operator license. His main activities are mobile operation.

### **JG7UVO: Akifumi "AKI" Wagatsuma #448**

In his childhood, he watched operators in TV who engaged communications between ships. The keying with a straight key was very cool, he thought. With these in mind, he began CW. After long QRT, he again started ham radio last year with five watts output power.

### **JP3AYO: Mayumi "MAMI" Sanada #44**

She got started ham activities two years ago. She joined KCJ to get CW skill. Outside of ham radio, she is active on scuba diving and used to go to Okinawa every year. Photo on her QSL card was taken by herself.

## KCJ contest Results

Thank you for participating and submitting logs. We received 454 logs from JA (including 5 SWL logs) and 38 from DX (including 1 SWL log). On the first day domestic path on 20 meters opened around 20:00 UTC but signals were not so loud. Opening on 15 meters was for short time and 10 meters was hard to get productive results with a wire antenna. Therefore, on second day, many JAs shifted to 40 meters around 06:00 UTC and later. This caused 20 meters and higher bands deserted as indicated in comments from DX participants..

Remarks in the table below:

IM: You had his/her call sign wrong.

UM: He/she had your callsign wrong.

RR: You miscopied his/her RST.

RS: He/she miscopied your RST.

MR: You miscopied his/her multiplier.

MS: He/she miscopied your multiplier

NF: Your callsign was not in his/her log. TM: QSO time differed more than 10 min.

WC: Dupe QSOs.

OF: QSO band was mismatched.

NL: He/she did not send his/her log.



**\*\*\* 2013 KCJ Contest Results \*\*\***

Multi Band		Clmd		Final Results												
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF
1	* JQ1TIV	ST	772	840	212	2E+05	5	3	0	0	0	0	2	1	0	0
2	* JK2XXK	GF	732	775	223	2E+05	3	5	1	0	3	1	5	0	0	0
3	* JK1QAY	TK	633	679	194	1E+05	0	3	0	0	0	3	0	1	0	0
4	* JF3PLF	KT	589	622	195	1E+05	4	6	0	0	1	1	1	0	0	0
5	* JH4UTP	OY	600	627	184	1E+05	2	3	0	0	5	1	4	0	0	0
6	+ JHORNN	NI	585	600	184	1E+05	3	6	0	0	0	6	5	2	0	0
7	+ JO4BOW	TT	515	590	158	93220	1	0	1	0	0	1	2	0	0	0
8	+ JE8KGGH/7	MG	483	586	154	90244	2	10	0	0	0	0	3	2	1	0
9	+ JI0VWL	NN	510	574	155	88970	1	1	0	0	0	0	4	2	0	0
10	+ JE1SGH	IB	455	521	151	78671	0	2	0	0	0	0	3	1	0	0
11	+ JF2FIU	AC	427	447	170	75990	1	3	0	0	1	0	2	0	0	0
12	+ JE2CPI	SO	467	480	156	74880	5	2	0	0	0	2	5	0	0	1
13	+ JA1CP	KN	432	461	154	70994	2	0	0	0	0	1	1	0	1	0
14	+ JR6CSY	NS	404	469	143	67067	2	6	0	0	1	1	1	0	0	0
15	+ JR2MIO/2	ME	453	466	128	59648	0	6	0	0	0	3	3	0	1	0
16	JA2VHO	AC	426	462	125	57750	4	3	0	0	0	1	4	0	1	1
17	JJ1NYH	TK	440	424	136	57664	0	4	0	0	0	0	2	0	0	0
18	JO4CTB	OY	361	408	138	56304	1	2	0	0	1	3	1	0	0	0
19	+ JK3HFN	HG	437	439	127	55753	2	0	0	0	0	2	0	0	0	0
20	+ JA5CBU	KA	413	443	125	55375	3	3	0	0	2	2	0	0	0	0
21	+ JA6BWH	FO	310	393	139	54627	0	1	0	0	0	0	1	1	0	0
22	JR3KQJ	HG	363	401	135	54135	1	1	0	0	0	1	1	0	0	1
23	JA1BJI	KN	367	413	131	54103	3	1	0	0	0	1	1	0	1	0
24	+ JH5HDA	EH	473	499	108	53892	0	5	0	0	2	2	4	0	0	0
25	+ JE7DMH	FS	387	421	117	49257	0	1	0	0	0	0	1	1	0	0
26	JA4EVH	OY	415	409	118	48262	1	4	0	0	3	1	2	0	1	0
27	+ JI5SKS/1	CB	348	372	122	45384	1	3	0	0	0	0	1	0	0	0
28	+ JA3RSJ	NR	348	350	126	44100	1	1	0	0	0	1	1	3	0	0
29	JA1COP	CB	336	335	130	43550	3	3	0	0	2	0	2	0	0	0
30	+ JE7WBI	YM	282	326	126	41076	0	2	0	0	1	1	0	0	0	0
31	JA0IOF	NN	357	393	104	40872	1	3	0	0	3	1	0	0	0	0
32	+ JQ1SYQ/6	MZ	332	341	116	39556	5	5	0	0	0	0	4	2	1	0
33	JA2JTN	SO	314	320	115	36800	0	5	0	0	0	3	0	0	0	0
34	JA6DH	FO	251	317	111	35187	0	0	0	0	0	0	2	0	0	0
35	JH1MTR/4	TT	277	321	109	34989	1	2	0	0	0	1	1	0	0	0
36	+ JR4CZM/5	TS	286	299	116	34684	1	7	0	0	0	1	2	1	0	0
37	JA2QVP	AC	267	302	113	34126	1	0	0	0	0	0	1	0	0	0
38	JI1FLB	TK	307	318	102	32436	4	5	0	1	5	0	1	0	2	0
39	JF1DIR	KN	348	349	92	32108	3	2	0	0	1	0	3	0	0	0
40	JA1GQC	KN	305	315	97	30555	4	1	0	0	0	4	2	0	0	0
41	JK7UST	MG	268	279	109	30411	4	0	0	0	1	0	0	0	0	0
42	JH7IXX	YM	314	337	89	29993	1	1	0	0	0	3	0	0	0	0
43	JI2QIX/2	AC	331	304	98	29792	7	4	0	0	2	0	2	0	0	0
44	+ JA4BDY	HS	275	299	99	29601	2	3	0	0	0	1	4	0	0	0
45	+ JG1RRU/1	YN	340	313	94	29422	9	6	0	0	3	1	2	1	0	0
46	JM2CAN	AC	282	300	98	29400	2	3	0	0	2	0	1	0	0	0
47	+ JG3WDN	OS	249	283	102	28866	0	1	0	0	0	0	1	0	0	0
48	JA40PW	HS	272	300	95	28500	2	1	0	1	0	1	1	0	0	0
49	JA3JM	OS	258	283	99	28017	0	0	0	0	1	2	0	0	1	0
50	JA1DSW	KN	295	280	99	27720	5	5	0	0	1	0	1	1	0	0

Multi Band			Clmd	Final Results															
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL		
51	JA2MYA	GF	254	261	102	26622	7	2	0	0	1	1	1	0	0	0	17		
52	+ JE1LDU	TG	225	237	110	26070	1	3	0	0	1	2	3	0	0	0	14		
53	JA1TCF	ST	241	273	95	25935	0	0	0	0	1	0	0	0	0	0	15		
54	JN1BBO	ST	236	265	96	25440	0	2	0	0	0	1	2	0	0	0	22		
55	JA6FOF	NS	212	257	98	25186	2	2	0	0	0	0	0	0	0	0	11		
56	JA1XHC	TK	223	242	100	24200	0	5	0	0	2	0	1	0	0	0	9		
57	JE0EHE	NN	237	234	103	24102	2	2	0	0	1	1	3	0	0	0	14		
58	JA2LMY	SO	191	217	109	23653	1	2	0	0	0	2	0	0	0	0	9		
59	JA1HMK	TK	233	281	83	23323	1	3	0	0	0	0	2	0	0	1	13		
60	+ JG3CQJ	WK	200	233	100	23300	1	0	0	0	0	0	1	5	1	0	11		
61	JA1UZG	CB	204	249	93	23157	2	1	0	0	0	0	0	0	0	0	16		
62	+ JN1NOP/6	ON	243	240	93	22320	0	1	0	0	0	1	2	2	0	2	27		
63	+ JG7SFR	AT	293	295	74	21830	5	5	0	0	2	3	6	0	0	1	24		
64	JK2VOC	ME	234	267	79	21093	0	0	0	0	0	1	1	0	0	0	17		
65	JA1DMW	YN	243	243	85	20655	2	4	0	0	2	3	0	0	0	0	29		
66	+ JH4RAL/3	SI	252	274	74	20276	1	3	0	0	1	0	1	0	0	0	20		
67	+ JR8QFG	IS	238	255	78	19890	0	4	0	0	0	2	0	0	0	0	25		
68	JG3SVP	SI	213	218	90	19620	0	0	0	0	3	0	0	0	0	0	24		
69	JR3QHQ	OS	270	254	73	18542	1	3	0	0	0	0	0	0	0	0	32		
70	JH6SCA	NS	178	212	85	18020	0	0	0	0	0	0	0	0	0	0	10		
71	JH1LHV	TK	268	273	62	16926	0	1	0	0	5	1	1	0	0	0	27		
72	JK1MZT	ST	235	224	75	16800	1	1	0	0	0	2	2	0	0	0	17		
73	JF2OZH	AC	190	204	82	16728	0	0	0	0	0	0	1	0	0	1	12		
74	J11LAT	CB	193	192	84	16128	5	0	0	0	0	1	1	0	0	0	14		
75	JA7AEM	MG	176	213	75	15975	0	0	0	0	0	0	0	0	0	0	11		
76	JA1TFJ	TK	212	210	73	15330	0	1	0	0	0	0	0	0	0	0	25		
77	JR8YLY/1	CB	167	195	77	15015	1	4	0	0	1	0	1	0	0	0	13		
78	JH4RCK/3	HG	186	197	75	14775	0	1	0	0	1	2	0	0	0	0	13		
79	JA0IND/1	KN	182	191	75	14325	0	2	0	0	0	1	2	0	0	0	10		
80	+ JA9AFS	TY	164	178	80	14240	1	2	0	0	1	1	0	0	0	0	5		
81	+ JA7EVH	IT	155	176	79	13904	5	2	0	0	2	0	1	0	0	1	8		
82	JA9MAT	TY	177	190	72	13680	0	0	0	0	0	2	0	0	0	0	9		
83	JM1HUX	TK	133	158	86	13588	1	1	0	0	0	0	0	0	0	0	9		
84	JF3EIG	WK	164	186	73	13578	1	0	0	0	2	0	0	4	0	0	11		
85	JM1ATF	CB	152	170	77	13090	1	2	0	0	0	0	0	0	0	0	11		
86	JH9DRL	TY	157	205	57	11685	1	1	0	0	1	1	1	0	0	0	11		
87	JH4JUK	HS	154	167	69	11523	0	3	0	0	0	1	1	0	0	0	10		
88	JA8NNT/1	ST	166	155	71	11005	1	0	0	0	1	2	4	0	0	0	11		
89	JQ1SRN/1	TK	177	177	62	10974	1	6	0	0	0	0	1	0	0	0	16		
90	JP1SRG	CB	116	160	68	10880	3	0	0	0	1	0	0	0	0	0	4		
91	JH4EYD	TT	166	170	63	10710	0	1	0	0	1	2	1	0	0	0	7		
92	JQ2WGY/3	HG	157	153	69	10557	0	1	0	0	0	2	1	1	0	0	7		
93	JA4GWE	OY	131	142	74	10508	0	1	0	0	0	0	0	0	0	0	8		
94	+ JA4TY	YG	139	137	76	10412	3	1	0	0	1	0	1	0	0	0	4		
95	JF1VNR	KN	118	155	65	10075	0	4	0	0	0	0	1	0	0	0	6		
96	JQ2VBC	AC	140	156	64	9984	0	1	0	0	1	0	0	0	0	0	10		
97	JN1KWR	TK	169	160	62	9920	0	4	0	0	1	2	0	0	0	0	14		
98	JA7TJ	IT	147	147	66	9702	2	1	0	0	0	0	1	0	0	0	8		
98	JA1CJP	TK	147	147	66	9702	1	0	1	0	0	0	1	0	0	0	9		
100	JJ1QLT	TK	136	147	65	9555	0	0	0	0	0	1	0	0	2	0	6		
101	JH1RYE	GM	113	125	75	9375	0	0	0	0	0	0	0	0	0	0	4		
102	JH1NXU	IB	116	134	69	9246	0	1	0	0	2	0	1	0	0	0	6		
103	JA2DHF	AC	119	147	62	9114	0	1	0	0	0	0	0	0	0	0	7		

Multi Band			Ccmd	Final Results															
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL		
103	JG1MZS	TK	126	147	62	9114	0	0	0	0	0	1	0	0	0	0	6		
105	JA4RWN	TT	104	139	65	9035	0	0	0	0	0	1	0	0	0	0	8		
106	JA6CM	NS	102	148	60	8880	1	0	0	0	0	1	0	0	0	1	7		
107	JH2CMH	AC	131	143	55	7865	0	0	0	0	2	0	1	0	0	0	9		
108	JQ1NGT	TK	212	184	40	7360	2	0	0	0	0	7	2	1	0	0	28		
109	JJ1XQU	CB	135	159	46	7314	1	1	0	0	1	0	2	0	0	0	11		
110	JK1SDQ	TK	102	113	64	7232	2	0	0	0	0	0	0	0	0	0	3		
111	JA7ARW	MG	128	135	53	7155	1	1	0	0	1	0	1	0	0	0	9		
112	JA9VCO	IK	98	129	55	7095	0	0	0	0	0	0	1	0	0	2	2		
113	JM1KLO	TK	111	131	51	6681	1	0	0	0	0	0	0	0	0	0	7		
114	JH3PTC/4	HS	119	126	52	6552	1	2	0	0	0	0	1	0	0	0	9		
115	JL1BHN	TK	115	117	55	6435	0	0	0	0	0	0	1	0	0	0	5		
116	JA7ACV	MG	135	124	50	6200	6	0	0	0	0	0	1	1	0	0	7		
117	JM2NVK	AC	104	114	52	5928	3	1	0	0	0	0	1	0	0	0	5		
118	JA1GZK	GM	116	106	55	5830	0	2	0	0	0	0	0	1	0	0	7		
119	JN3TSY	OS	86	97	59	5723	1	0	0	0	0	1	1	0	1	0	1		
120	JH4QOF	OY	107	111	51	5661	3	0	0	0	3	0	1	0	0	0	9		
121	JA1OYB	TK	93	93	59	5487	1	1	0	0	0	1	1	0	0	0	4		
122	JA3KIO	HG	112	107	51	5457	2	0	0	0	2	0	0	0	0	0	5		
123	JH3BYX	HG	116	115	47	5405	4	0	0	0	1	0	0	0	0	0	4		
124	JH6IEK	OT	79	95	56	5320	1	1	0	0	0	0	0	0	1	0	1		
125	JF1JAY	CB	98	117	45	5265	2	1	0	0	0	0	1	0	0	0	5		
126	JF2IWL	GF	84	96	51	4896	0	0	0	0	0	0	0	0	0	0	4		
127	J01YKX	ST	102	99	49	4851	1	0	0	0	1	0	1	0	0	0	4		
128	JA1DFP	ST	97	91	50	4550	0	1	0	0	0	1	1	0	0	0	3		
129	J11FXS	GM	86	94	48	4512	3	0	0	0	1	0	0	0	0	0	4		
130	J14EAW/9	FI	87	100	39	3900	1	1	0	0	0	1	0	0	0	0	4		
131	J11AQY	IB	72	88	44	3872	0	1	0	0	0	1	1	0	0	0	5		
132	JA9DOF	TY	88	78	49	3822	1	0	0	0	0	1	0	0	0	0	8		
133	J01WIZ	ST	53	91	41	3731	0	1	0	0	0	0	0	0	0	0	1		
134	JE1NGI	TK	77	89	41	3649	0	1	0	0	0	0	1	0	0	0	2		
135	JN4HTR/4	HS	73	97	37	3589	0	1	0	0	0	0	0	0	0	0	3		
136	JA3AIC	OS	79	87	41	3567	1	0	0	0	0	0	1	0	0	0	2		
137	J11DHY	GM	66	75	46	3450	2	1	0	0	0	0	1	1	0	0	2		
138	JG1MWW	CB	82	82	42	3444	0	0	0	0	0	0	0	0	0	0	4		
139	JM1LRA	ST	90	80	41	3280	0	1	0	0	0	0	1	0	0	0	8		
140	JG8QXB	KR	80	77	42	3234	9	2	0	0	1	0	1	0	0	0	2		
141	JH4FVU	TT	75	78	40	3120	0	1	0	0	0	0	1	0	0	0	3		
142	JE1EQS	TG	79	86	36	3096	0	1	0	0	1	0	0	0	0	0	3		
143	JA1LOG	ST	46	68	39	2652	0	1	0	0	0	0	0	0	0	0	1		
143	JK2RCP/1	ST	77	68	39	2652	0	0	0	0	0	0	0	0	1	0	8		
145	JR8BMW/1	KN	53	74	35	2590	0	0	0	0	0	0	0	0	0	0	3		
146	JA7DNJ	MG	65	76	34	2584	3	0	0	0	0	0	0	1	0	0	1		
147	JA0AVS	NI	68	70	36	2520	1	0	0	0	0	0	0	0	0	0	5		
148	JA5NSR	TS	70	67	34	2278	1	0	0	0	1	0	0	1	0	0	4		
149	JR6CKV	OT	74	66	34	2244	0	0	0	0	1	1	0	0	0	0	6		
150	JR0EFE/1	KN	64	71	31	2201	2	0	0	0	3	1	0	0	0	0	3		
151	JA3LGF	OS	65	61	34	2074	2	0	0	0	0	0	0	0	0	0	2		
152	JK1WXM	GM	56	58	35	2030	0	0	0	0	0	0	0	0	0	0	2		
153	JQ3PPC	HG	79	74	27	1998	1	2	0	0	4	1	1	1	0	0	11		
154	JL20GZ/2	GF	51	64	31	1984	2	0	0	0	0	0	0	0	0	0	1		
155	JH1SGG/1	TK	73	65	30	1950	2	5	0	0	3	2	1	0	0	0	3		
156	JA8APB/1	ST	65	64	28	1792	1	6	0	0	2	1	0	1	0	0	6		

Multi Band			Clmd	Final Results													
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
157	JE1HTV	ST	48	54	30	1620	0	0	0	0	0	0	0	0	0	0	2
158	JA3KQN	HG	48	58	27	1566	1	0	0	0	0	0	1	0	0	0	0
159	JK3TJM	HG	54	56	24	1344	1	0	0	0	0	0	0	0	0	0	5
160	JH1MVY	CB	40	43	30	1290	0	0	0	0	0	0	0	0	0	1	0
161	JG1BGT	CB	54	57	22	1254	0	0	0	0	0	0	1	0	0	0	4
162	7N4QCQ	ST	44	41	30	1230	1	0	0	0	0	0	0	0	0	0	2
163	JG1VMK	TK	49	44	26	1144	0	0	0	0	0	0	0	0	0	0	5
164	7K1DPE	ST	38	39	25	975	0	2	0	0	0	0	0	0	0	0	5
165	JA1BSG	ST	41	39	23	897	1	0	0	0	1	0	0	0	0	0	0
166	JR0GXA	NN	39	38	21	798	1	0	0	0	0	0	1	0	0	0	3
167	JR2PMT	GF	35	37	20	740	0	0	0	0	0	0	0	0	0	0	2
168	JE6JNC	FO	30	32	21	672	0	0	0	0	0	0	0	0	0	0	2
169	JK1FFB	CB	32	32	20	640	1	2	0	0	0	0	1	1	0	2	1
170	JM1UWB	ST	22	30	21	630	0	0	0	0	0	0	0	0	0	0	0
171	JA9DTV/1	KN	29	28	22	616	0	1	0	0	0	0	0	0	0	0	0
172	JA1QAD	TK	22	32	17	544	1	0	0	0	1	0	0	0	0	0	0
173	JO7UIT	AT	30	30	18	540	2	1	0	0	0	0	0	0	0	0	1
174	JR4VEV	OY	30	27	19	513	0	1	0	0	0	0	0	0	0	0	2
175	JE1SHW	TK	21	25	20	500	0	0	0	0	0	0	0	0	0	0	0
176	JN1HYU/1	KN	22	22	20	440	0	0	0	0	0	0	0	0	0	0	0
177	JG5WLV	TS	24	23	18	414	0	0	0	0	0	0	0	0	0	0	1
178	JR6KNE	MZ	21	27	15	405	0	0	0	0	0	0	1	0	0	0	1
179	JM1FVO	TK	29	25	15	375	1	0	0	0	1	1	0	0	0	0	1
180	JH4SZY	TT	20	27	13	351	0	0	0	0	0	0	1	0	0	0	0
181	JR0GVW	NI	23	21	15	315	1	0	0	0	2	0	0	0	0	0	3
182	JO1BEY	ST	19	19	16	304	0	0	0	0	0	0	0	0	0	0	0
183	JR7DUT	AT	18	19	14	266	1	0	0	0	0	0	0	0	0	0	2
184	J160XK	FO	20	18	11	198	0	0	0	0	1	0	0	0	0	0	1
185	JR1FWW	CB	14	14	14	196	0	0	0	0	0	0	0	0	0	0	0
186	JA1LZA	KN	16	16	12	192	0	0	0	0	0	0	0	0	0	0	0
187	JO7AYZ	FS	13	15	11	165	0	0	0	1	0	0	0	0	0	0	1
188	JP1FOS	KN	16	15	10	150	3	0	0	0	0	1	0	0	0	0	1
189	JA0BJ	NN	11	18	8	144	0	0	0	0	0	0	0	0	0	0	1
190	JA5INF/1	ST	9	17	8	136	0	0	0	0	0	0	0	0	0	0	0
191	JA1JCN	TK	15	12	10	120	0	1	0	0	1	0	0	0	0	0	1
192	JR1USU/1	KN	7	11	7	77	0	0	0	0	0	0	0	0	0	0	0
192	JA3ART	KT	8	11	7	77	0	0	0	0	0	0	1	0	0	0	0
192	JA8KGG	IS	7	11	7	77	0	0	0	0	0	0	0	0	0	0	0
195	JO3DIN	OS	6	9	5	45	0	0	0	0	1	0	0	0	0	0	0
196	JA9XAT/2	GF	4	7	3	21	0	0	0	0	0	0	0	0	0	0	1
197	7N3RLX/2	SO	4	4	4	16	0	0	0	0	0	0	0	0	0	0	0
198	JF3QND	OS	4	3	3	9	0	0	0	0	0	0	0	0	0	0	1
198	JJ1TNX	KN	5	3	3	9	0	0	0	0	0	0	0	2	0	0	0
200	JR2IGA	AC	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0
200	JA1UAV	ST	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0
Multi Operators			Clmd	Final Results													
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1	JH10ES	TK	190	238	105	24990	0	0	0	0	0	0	0	0	0	0	8

Overseas		Clmd	Final Results															
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	
1	* UA0DM	AS	451	394	161	63434	3	2	0	0	1	1	5	6	3	1	35	
2	+ BU2AW	AS	403	346	135	46710	3	4	0	0	1	1	4	3	0	0	41	
3	+ K6XX	NA	419	360	127	45720	0	5	0	0	0	0	2	1	1	0	50	
4	+ DS5DNO	AS	287	263	91	23933	0	5	0	0	0	0	2	1	0	0	16	
5	RAOLL	AS	196	167	82	13694	2	4	0	0	0	0	3	1	3	0	16	
6	N6TI	NA	176	157	86	13502	4	0	0	0	1	1	3	1	0	0	9	
7	RWOUM	AS	155	138	78	10764	2	1	0	0	0	0	2	2	0	0	10	
8	UAOLS	AS	102	83	59	4897	6	2	0	0	0	0	2	3	0	1	5	
9	HL5YI	AS	88	74	43	3182	2	2	0	0	2	0	3	0	0	0	5	
10	HL2BM	as	68	52	28	1456	3	0	0	0	1	0	4	0	0	2	6	
11	+ XV9NPS	AS	54	45	25	1125	1	0	0	0	0	0	1	0	0	0	7	
12	+ N6MA	NA	43	41	27	1107	0	1	0	0	0	0	1	0	0	0	0	
13	K6EU	NA	41	33	28	924	1	1	1	0	0	0	1	0	0	0	4	
14	HL2/KA8U	as	38	35	21	735	0	0	0	0	0	0	1	0	0	0	2	
15	+ UA1AFT	EU	32	26	22	572	0	0	0	0	0	0	1	0	0	0	5	
16	+ UA2FL	EU	36	26	17	442	0	0	0	0	0	0	1	0	0	0	9	
17	+ N5KM	NA	23	23	18	414	0	0	0	0	0	0	0	0	0	0	0	
17	+ 9A1AA	EU	26	23	18	414	0	0	0	0	0	0	0	0	0	0	3	
19	+ LZ2PT	EU	29	20	17	340	3	0	0	0	0	1	1	1	0	1	2	
20	+ N7DR	NA	16	16	15	240	0	0	0	0	0	0	0	0	0	0	0	
21	+ VE7JKZ	NA	17	16	13	208	0	0	0	0	0	0	0	0	0	0	1	
22	RC4AC	EU	12	9	9	81	1	0	0	0	0	1	1	0	0	0	0	
23	+ IK4OMU	EU	11	10	8	80	0	0	0	0	0	0	1	0	0	0	0	
24	+ SI5Y	EU	9	9	8	72	0	0	0	0	0	0	0	0	0	0	0	
25	+ EA5YU	EU	10	9	7	63	0	1	0	0	0	0	0	0	0	0	0	
26	+ VK4TT	OC	6	6	5	30	0	0	0	0	0	0	0	0	0	0	0	
26	+ UT7CA	EU	7	6	5	30	0	0	0	0	1	0	0	0	0	0	0	
28	+ KH6/JN3NYR	OC	7	5	5	25	0	2	0	0	0	0	0	0	0	0	0	
28	SM4DQE	EU	5	5	5	25	0	0	0	0	0	0	0	0	0	0	0	
30	DJ9AO	EU	3	3	3	9	0	0	0	0	0	0	0	0	0	0	0	
30	EA8AVK	AF	5	3	3	9	0	0	0	0	0	0	1	0	0	0	1	
30	YD1ME	OC	3	3	3	9	0	0	0	0	0	0	0	0	0	0	0	
33	BH8BJO	AS	4	1	1	1	0	0	0	0	0	0	1	0	0	0	2	
33	IN3FHE	EU	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
33	RV100	EU	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
33	SM5ALJ	EU	8	1	1	1	1	0	0	0	0	0	0	6	0	0	0	
37	RW3AI	EU	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	

S-OP 1.9MHz		Clmd	Final Results															
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	
1	* JF2CRP	AC	110	89	35	3115	0	0	0	0	0	1	2	0	0	1	12	
2	* JA9FHB	TY	194	69	33	2277	1	1	0	0	2	0	0	0	0	0	11	
3	+ JH9FCP	IK	70	63	30	1890	0	1	0	0	0	1	1	0	0	0	4	
4	+ JJ3JJL	SI	61	56	29	1624	0	1	0	0	0	0	0	0	0	0	4	
5	+ JR7KGE/7	YM	69	54	29	1566	1	2	0	1	1	0	0	0	1	0	9	
6	JH2FXK	AC	48	45	26	1170	0	1	0	0	0	0	0	0	0	0	2	
7	+ JH1GVY/1	ST	48	46	24	1104	0	0	0	0	0	0	0	0	0	0	2	
8	+ JJ1UDO	TK	41	39	22	858	0	1	0	0	0	0	0	0	0	0	1	
9	+ JF3PGW	KT	44	37	23	851	1	2	0	0	0	1	1	0	0	0	2	
10	JA1KI	TK	37	33	21	693	0	1	0	0	0	1	0	0	0	1	1	
11	+ JE4MHL	HS	168	30	19	570	0	0	0	0	0	0	1	0	0	0	1	
12	+ JH6RON	OT	26	24	17	408	0	0	0	0	0	0	0	0	0	0	2	
13	JA3VOV	OS	24	23	16	368	0	0	0	0	0	0	0	0	0	0	1	
14	JA1LJW	TK	15	15	14	210	0	0	0	0	0	0	0	0	0	0	0	
15	JR2GCS/2	GF	19	13	12	156	0	1	0	0	1	1	2	0	0	0	1	

S-OP 1.9MHz			Clmd	Final Results															
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL		
16	JE1AAG	TG	12	12	10	120	0	0	0	0	0	0	0	0	0	0	0		
17	JA2BSD	GF	16	11	9	99	5	0	0	0	0	0	0	0	0	0	0		
18	JF2IMU	AC	12	10	9	90	2	0	0	0	0	0	0	0	0	0	0		
19	JL1USZ	TK	10	10	8	80	0	0	0	0	0	0	0	0	0	0	0		
20	JS3OSI	KT	8	7	7	49	0	1	0	0	0	0	0	0	0	0	0		
21	JA9CPT	IK	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0		
21	JA5ERZ	TS	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0		
21	JR2BBR	AC	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0		
S-OP 3.5MHz			Clmd	Final Results															
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL		
1	* JF1KWG	TK	270	155	41	6355	0	1	0	0	0	0	0	0	1	0	13		
2	+ JA0DVE	NN	315	161	39	6279	1	1	0	0	0	0	4	0	0	0	15		
3	+ JH9BZY	TY	134	135	38	5130	5	0	0	0	0	0	0	0	0	0	14		
4	+ JA3QG	OS	122	131	39	5109	0	0	0	0	0	0	0	0	0	0	7		
5	+ JA2NGN	GF	95	85	32	2720	2	0	0	0	2	1	0	0	0	0	5		
6	JA3LXY	OS	81	66	31	2046	0	1	0	0	0	1	1	0	0	0	5		
7	JA0EPV	NN	78	67	28	1876	3	0	0	0	0	0	0	0	0	1	4		
8	+ JH4LGA/2	SO	53	55	31	1705	0	0	0	0	1	0	0	0	0	0	1		
9	+ JA1OZT	CB	146	54	30	1620	0	1	0	0	0	0	0	0	0	0	3		
10	JK1DMT	KN	57	56	27	1512	0	0	0	0	1	0	1	0	0	0	3		
11	JE6HCL	KM	48	42	26	1092	0	0	0	0	0	2	0	1	0	0	3		
12	JA3UWB	KT	46	42	24	1008	1	0	0	0	0	0	0	0	0	0	3		
13	JF7FHY	IT	40	35	20	700	0	2	0	0	0	1	1	0	0	0	1		
14	JA1PTR	ST	42	24	18	432	0	1	0	0	0	0	0	0	0	0	1		
15	J17RRS	FS	15	15	11	165	0	0	0	0	0	0	0	0	0	0	0		
16	JQ1KRT	IB	16	15	10	150	0	0	0	0	0	0	0	0	0	0	1		
17	JA3WFQ	HG	7	6	6	36	1	0	0	0	0	0	0	0	0	0	0		
18	JR2WLQ	AC	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0		
S-OP 7MHz			Clmd	Final Results															
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL		
1	* JH0CJH/1	KN	374	350	48	16800	0	2	0	0	0	3	2	3	0	0	70		
2	* JK1FNL	KN	340	307	47	14429	3	3	0	0	1	0	6	1	1	0	66		
3	* JA1XMS	CB	312	301	47	14147	2	3	1	0	0	2	1	0	0	0	50		
4	* JA9BGL	IK	389	289	47	13583	2	1	0	0	0	1	2	0	0	0	63		
5	* JH4FUF/4	OY	314	288	47	13536	2	4	0	0	0	0	4	0	0	0	60		
6	JF1LLB	KN	318	290	46	13340	2	3	0	0	1	2	1	1	0	0	62		
7	+ JR2FJX	AC	298	277	48	13296	0	1	0	0	0	0	0	0	0	0	56		
8	+ JH1ISU	ST	285	265	49	12985	4	2	0	0	1	0	1	0	0	0	44		
9	JH1FNU	ST	279	276	47	12972	1	3	0	0	0	1	1	0	0	0	37		
10	+ 7J3AOZ	HG	300	274	46	12604	0	1	0	0	0	3	2	1	0	1	50		
11	+ JE6DND	SG	316	282	43	12126	5	5	1	0	0	2	0	0	0	1	60		
12	+ JP1EWY	TK	271	252	47	11844	1	3	0	0	0	1	1	0	0	0	41		
13	JR30QJ	HG	278	256	43	11008	3	1	0	0	3	2	1	3	0	0	49		
14	JF2OHQ	AC	255	241	45	10845	2	0	0	0	0	0	0	0	1	0	35		
15	+ JG2YER	SO	248	245	44	10780	4	3	0	0	0	1	2	1	0	0	36		
16	JH1TUB	ST	239	238	45	10710	1	2	0	0	1	2	3	0	0	0	24		
17	+ JA4JY/3	KT	229	222	47	10434	9	1	0	0	0	2	2	0	1	0	24		
18	7L1VET	KN	226	237	44	10428	1	0	0	0	0	0	0	0	0	0	28		
19	+ JH0EPI	NI	253	245	41	10045	2	2	0	0	0	0	3	0	0	0	41		
20	+ JROETA	NN	231	220	43	9460	4	1	0	0	1	1	1	0	0	0	31		
21	JE1REU	TK	209	215	42	9030	5	0	0	0	2	1	2	0	0	0	28		
22	+ JJ7GCL	AT	197	199	44	8756	0	0	0	0	2	2	0	0	0	0	26		
23	JN1GLB	TK	224	201	43	8643	1	1	0	0	1	1	0	0	0	0	28		

S-OP 7MHz		Clmd	Final Results															
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	
24	JS2KHM	AC	205	196	43	8428	2	0	0	0	1	0	0	1	0	0	28	
25	JK2BAP	SO	225	202	41	8282	4	1	0	0	0	0	0	0	0	0	34	
26 +	JR2BYJ	ME	210	193	42	8106	1	0	0	0	0	0	0	0	0	0	36	
27 +	JH1DVG	IB	223	196	41	8036	1	1	0	0	1	0	2	0	0	0	34	
28	JE4GJV	OY	203	175	44	7700	1	4	0	0	2	0	1	1	0	0	31	
29	JG6CDH	SG	194	183	40	7320	3	0	0	0	0	0	0	0	0	0	18	
30 +	JA2FSM	GF	180	171	41	7011	3	0	0	0	1	1	1	0	0	0	19	
31 +	JJ1VTE	TG	165	164	41	6724	0	0	0	0	0	0	0	0	0	1	0	16
32	JA1VVH	ST	231	173	38	6574	2	0	0	0	0	0	0	0	0	0	0	16
33 +	JN3ANO	NR	180	173	37	6401	0	2	0	0	1	0	1	0	0	0	0	19
34	JJ2DWL	ME	152	152	40	6080	1	0	0	0	1	0	1	0	0	0	0	13
35	JA2SXS	SO	161	167	36	6012	1	0	0	0	2	0	0	1	0	0	0	14
36 +	JH4COC	HS	159	150	38	5700	0	0	0	0	6	1	1	0	0	0	0	17
37 +	JA4RQO	SN	130	142	39	5538	0	0	0	0	0	4	1	0	0	0	0	7
38	JR1CJD	CB	148	143	35	5005	5	0	0	0	0	0	1	1	0	0	0	14
39	JO1SEF	CB	137	139	36	5004	0	3	0	0	0	2	1	0	0	0	0	20
40 +	JJ3DNN/3	OS	142	124	40	4960	1	2	0	0	0	0	3	0	0	0	0	16
41	JA2KKA	ME	115	126	38	4788	0	0	0	0	0	0	1	0	0	0	0	4
41	JH1GBO	KN	132	126	38	4788	0	2	0	0	0	1	1	0	0	0	0	10
43	JH1RUL	CB	113	114	40	4560	0	1	0	0	0	0	1	0	0	0	0	9
44	JE0JAO	NI	127	125	36	4500	1	0	0	0	0	0	1	0	0	0	0	16
45	JL1QDO	ST	108	117	37	4329	0	0	0	0	1	0	1	0	0	0	0	5
46	JF2KWM	GF	110	115	37	4255	1	2	0	0	0	0	1	0	0	0	0	7
47	JP1LRT	TK	115	111	37	4107	0	1	0	0	0	1	0	1	0	0	0	13
48 +	JF6TWP/6	FO	106	114	36	4104	0	0	0	0	0	0	0	0	0	0	0	8
49	JG1UKW	CB	128	117	35	4095	0	1	0	0	1	0	0	0	0	0	0	13
50	JA3HIL	HG	115	113	36	4068	0	0	0	0	0	0	0	0	0	0	0	10
51	JE1JAC	TK	115	110	36	3960	0	2	0	0	0	0	1	1	0	0	0	9
52	JJ2JQF	ME	109	110	31	3410	1	1	0	0	0	0	0	0	0	0	0	8
53	JE3CXJ	OS	103	106	32	3392	0	0	0	0	0	0	0	0	0	0	0	9
54	JO3AGQ	OS	108	96	34	3264	2	0	0	0	2	1	0	0	0	0	0	11
55	JN1WXW/1	ST	95	99	32	3168	2	1	0	0	0	0	0	0	0	0	0	1
56	JJ2QXI	GF	91	89	35	3115	1	0	0	0	0	0	0	1	0	0	0	5
57	JK3RHX	HG	88	91	34	3094	0	1	0	0	0	1	2	0	0	0	0	5
58	JF3ROH	HG	91	94	32	3008	0	0	0	0	2	0	0	0	0	0	0	7
58	JH1EIT	TK	92	94	32	3008	0	3	0	0	3	1	0	0	0	0	0	3
60	JA4AVO	HS	100	93	32	2976	2	0	0	0	0	0	1	0	0	0	0	8
61 +	JA7WMO	MG	97	91	32	2912	1	0	0	0	1	0	1	1	0	0	0	6
62	JGOVPO	NN	96	88	33	2904	1	0	0	0	1	0	1	0	0	0	0	9
63	JO1RUQ	TK	100	90	30	2700	0	1	0	0	0	0	0	0	0	0	0	9
64	JH0OXS	NN	79	80	32	2560	0	0	0	0	0	1	1	0	0	0	0	5
65	JA6DAQ/3	KT	89	83	29	2407	1	1	0	0	1	0	0	0	0	0	0	7
66	JA2MOG	AC	82	82	29	2378	0	0	0	0	0	0	0	0	0	0	0	4
67 +	JA6RIL	OT	78	76	30	2280	0	1	0	1	0	0	0	0	0	0	0	4
68	JO4EXC	OY	84	86	26	2236	1	0	0	0	1	1	0	0	0	0	0	7
69	JA6QQL	FO	71	71	30	2130	0	0	0	0	0	1	0	1	0	0	0	2
70	JA0HCQ	NN	73	67	30	2010	4	1	0	0	0	1	2	0	0	0	0	2
71	JK3QLP	OS	80	72	27	1944	2	1	0	0	0	0	1	0	0	0	0	4
72	JP2MRD	AC	73	67	28	1876	0	0	0	0	0	0	0	0	0	0	0	6
73	JA8FHM	OM	71	62	29	1798	0	2	0	0	1	0	0	0	0	0	0	6
74	JR0BQD	NI	62	62	27	1674	1	1	0	0	0	0	0	0	0	0	0	6
75	JA1TBX	KN	62	62	26	1612	0	0	0	0	3	0	0	0	0	0	0	5
76	JJ1QYX	KN	80	73	22	1606	4	0	0	0	2	1	0	0	0	0	0	4
77	JA2HJP/2	SO	54	56	28	1568	0	2	0	0	0	0	0	0	0	0	0	4
78	JA1BVY	ST	50	62	25	1550	1	0	0	0	0	0	0	0	0	0	0	3

S-OP 7MHz		Clmd		Final Results													
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
79	JG5DHX	EH	48	54	27	1458	0	0	0	0	0	0	0	0	0	0	2
80	J13CSH	KT	50	50	28	1400	0	0	0	0	0	1	0	0	0	0	3
81	JR7ASO	MG	53	58	23	1334	1	0	0	0	0	0	2	0	0	0	4
82	JE1GZB	CB	57	53	25	1325	1	3	0	0	0	0	0	0	0	0	4
83	7K1JFM	KN	56	55	22	1210	0	1	0	0	0	0	0	0	0	0	4
84	JH3TCC	WK	53	46	23	1058	2	0	0	1	3	0	2	0	0	0	3
85	JL2GSN	SO	49	47	22	1034	0	0	0	0	0	1	0	1	1	0	3
86	JA5FD/3	OS	41	44	21	924	1	2	0	0	0	0	0	0	0	0	2
87	JO1EUJ	TK	42	42	19	798	0	2	0	0	0	0	0	1	0	0	1
88	JA0QD/1	CB	42	36	20	720	1	1	0	0	1	0	1	0	0	0	2
89	JF6TWE	KM	40	35	18	630	0	1	0	0	1	1	0	0	0	0	2
90	JF1CDX	TK	36	35	16	560	0	0	0	0	0	0	0	0	0	0	1
91	JA8XCV	TC	32	32	17	544	1	1	0	0	0	0	0	0	0	0	2
92	JR4QED	HS	31	33	16	528	0	0	0	0	0	2	0	0	0	0	0
93	JG1REU	KN	34	33	15	495	0	0	0	0	0	0	0	0	0	0	1
94	JO3NTB	HG	29	29	16	464	0	0	0	0	0	0	0	0	0	0	0
95	J13OGI	KT	32	28	16	448	0	0	0	0	0	0	0	0	0	0	4
96	J13OQO	KT	20	27	16	432	0	1	0	0	0	0	0	0	0	0	0
97	JL1CHV	KN	41	28	15	420	0	0	0	0	1	0	0	8	0	0	4
98	JG6ICT	FO	25	25	16	400	0	0	0	0	0	0	0	0	0	0	0
99	JS1SDU	CB	33	28	14	392	0	4	0	0	1	0	0	0	0	0	0
100	JA1FPV	GM	23	26	15	390	0	0	0	0	0	0	0	0	0	0	1
100	JA3HC	KT	29	26	15	390	1	0	0	0	0	0	0	0	0	0	2
102	JROECI	NN	26	25	13	325	3	1	0	0	0	0	0	0	0	0	1
103	JH8CBH	HY	39	27	12	324	0	0	0	0	1	0	2	8	0	0	4
104	JR2BBJ	AC	31	23	14	322	4	0	0	0	0	1	0	0	0	0	3
105	JG5CAJ	EH	21	20	15	300	0	0	0	0	0	0	0	0	0	0	1
106	JF7VVL	MG	17	20	14	280	0	0	0	0	0	0	0	0	0	0	1
107	JA6HXW	KM	22	18	14	252	1	0	0	0	0	0	1	1	0	0	1
108	JN3KKM	OS	17	17	14	238	0	0	0	0	0	0	0	0	0	0	0
109	JA0GZ	NI	18	21	11	231	0	0	0	0	0	0	1	0	0	0	0
110	JM2RUV	SO	19	17	11	187	1	0	0	0	0	0	0	0	0	0	1
111	JH0OZT	NN	18	16	11	176	2	0	0	0	0	0	0	0	0	0	0
112	JG7BCA/7	MG	16	15	11	165	0	1	0	0	0	0	0	0	0	0	0
113	7L2CDG	TG	13	17	9	153	0	0	0	0	0	0	0	0	0	0	0
114	7N2XUZ	KN	14	12	12	144	0	0	0	0	1	0	0	0	0	0	1
115	JA6UZY/6	NS	15	12	11	132	0	2	0	0	0	0	0	0	0	0	1
116	JA1DCL/2	SO	8	19	6	114	1	0	0	0	0	0	0	0	0	0	0
117	JJ3RZX	KT	16	13	8	104	1	1	0	0	0	0	0	0	0	0	1
118	JK3AHS	HG	10	10	10	100	0	0	0	0	0	0	0	0	0	0	0
119	JM1GOH	KN	10	10	8	80	0	0	0	0	0	0	0	0	0	0	0
120	JG6GLO	FO	12	11	7	77	0	1	0	0	0	0	0	0	0	0	0
121	JR2EUE	AC	8	11	6	66	1	0	0	0	0	0	0	0	0	0	0
122	7M4NGG	CB	14	10	6	60	1	1	0	0	0	1	0	0	0	0	1
122	JO1EEQ	TG	6	10	6	60	0	0	0	0	0	0	0	0	0	0	0
124	JS2PHO	AC	6	6	6	36	0	0	0	0	0	0	0	0	0	0	0
125	JA1WTI	ST	8	7	5	35	0	0	0	0	0	0	0	0	0	0	1
126	JA1XRQ	TK	8	6	5	30	1	0	0	0	0	0	1	0	0	0	0
126	JM1PWW	TK	6	6	5	30	0	0	0	0	0	0	0	0	0	0	0
128	J11XKH	TK	5	5	5	25	0	0	0	0	0	0	0	0	0	0	0
129	JA1PKS	TK	5	4	4	16	0	1	0	0	0	0	0	0	0	0	0
130	JH8CLC	IS	3	3	3	9	0	0	0	0	0	0	0	0	0	0	0
131	JM1IDR/1	KN	4	4	2	8	0	0	0	0	0	0	0	0	0	0	0
132	JM3AVI/3	SI	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0
132	JH1KGE	TG	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0
134	JA4MRL	OY	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0



S-OP 14MHz			Clmd	Final Results													
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1	* JH6QIL	KG	132	148	38	5624	1	0	0	0	0	0	0	1	0	0	14
2	* JS1IFK	TK	88	123	38	4674	0	1	0	0	0	1	1	0	0	0	6
3	7K4VPV	TK	84	100	35	3500	0	0	0	0	0	0	0	0	0	0	12
4	+ JH4WXV	YG	160	114	29	3306	2	0	0	0	1	1	0	0	0	0	9
5	+ JS6SYR	ON	82	88	36	3168	0	0	0	0	0	0	0	0	0	0	2
6	+ JH1QMX	KN	70	97	31	3007	0	2	0	0	0	0	0	0	0	0	3
7	+ JH1XUZ	CB	68	87	33	2871	0	1	0	0	0	0	0	0	0	0	4
8	+ J01XEU	IB	52	71	29	2059	1	0	0	0	0	0	2	0	0	0	2
9	+ JE8CLT	IS	52	63	29	1827	0	0	0	0	1	0	1	0	0	0	3
10	JL1UDM	TK	44	65	23	1495	0	1	0	0	0	1	0	0	0	0	1
11	+ JR3XEX	KT	48	63	23	1449	0	0	0	0	0	1	1	1	0	0	2
12	+ JA51VG/5	TS	49	57	19	1083	0	0	0	0	0	0	1	0	0	0	1
13	JH7LUF	FS	57	40	19	760	0	2	0	0	0	0	0	0	0	0	0
14	J12GZC	AC	27	44	17	748	1	0	0	0	0	1	0	0	0	0	1
15	JF1KML	TK	134	45	16	720	0	2	0	0	0	0	0	0	0	0	1
16	JM2LSJ	SO	22	38	17	646	0	0	0	0	0	0	0	0	0	0	0
17	JL4WYY	HS	55	36	15	540	0	0	0	0	0	0	0	0	0	0	2
18	JA9APM	TY	15	23	15	345	0	0	0	0	0	0	0	0	0	0	0
19	J01JKH	TG	15	20	9	180	0	0	0	0	0	0	0	0	0	0	0
20	JA0GSG	NN	10	21	7	147	0	0	0	0	0	0	0	0	0	0	1
21	JA8DEB	IS	62	14	9	126	1	0	0	0	2	0	0	3	0	0	2
22	JA7ZP	AT	5	5	5	25	0	0	0	0	0	0	0	0	0	0	0
23	JM1TAL	YN	3	7	3	21	0	0	0	0	0	0	0	0	0	0	0
24	JK8SZF	IS	4	2	2	4	0	1	0	0	1	0	0	0	0	0	0
S-OP 21MHz			Clmd	Final Results													
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1	* JH0NEC	NI	94	122	33	4026	3	1	0	1	0	2	1	1	0	0	11
2	+ JA1JRS	TK	112	140	25	3500	1	2	0	0	2	0	1	0	0	0	24
3	+ JR8SGE	SY	81	91	30	2730	1	0	0	0	0	1	0	0	0	1	14
4	+ JR1BTG	ST	69	100	22	2200	1	1	0	0	0	1	0	0	1	0	13
5	+ JG1FKT	KN	51	85	22	1870	1	1	0	0	0	0	0	0	0	0	8
6	JA4VNE	YG	38	86	20	1720	1	0	0	0	0	0	0	0	0	0	3
7	J16BEN	MZ	6	10	6	60	0	0	0	0	0	0	0	0	0	0	0
8	JA4GNK	TT	20	8	4	32	0	0	0	0	0	0	0	0	0	0	2
9	JK3JXP	SI	1	5	1	5	0	0	0	0	0	0	0	0	0	0	0
S-OP 28MHz			Clmd	Final Results													
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1	* JM4WUZ	HS	83	75	34	2550	1	1	0	0	0	0	0	0	0	0	14
2	+ JF6LIU/1	KN	49	49	13	637	0	0	0	0	0	1	0	0	0	0	7
3	JE1PMQ	TG	24	28	16	448	0	0	0	0	0	0	1	0	0	0	3
4	7K1EQG	CB	25	26	10	260	0	0	0	0	0	0	0	0	0	0	3
S-OP 50MHz			Clmd	Final Results													
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1	* JG1AVO	CB	114	84	16	1344	0	0	0	0	0	0	1	0	0	1	28
2	JE1BMJ	CB	92	72	16	1152	1	1	0	0	0	0	0	0	0	0	18
3	+ JQ1NID/1	IB	104	75	14	1050	1	2	0	0	0	0	0	0	0	1	24
4	+ JA1IE	TK	66	51	11	561	1	0	0	0	0	0	0	0	0	0	14
5	+ JR1MEG/1	TG	66	52	10	520	0	0	0	0	0	1	0	0	0	0	13
6	+ JQ1HYB	ST	28	23	10	230	0	0	0	0	0	0	1	0	0	0	4
7	JA1PHE	ST	26	12	6	72	1	0	0	0	0	0	0	0	0	0	2
8	JA9WWH/1	TK	16	9	6	54	0	0	0	0	0	0	0	0	0	0	4
9	+ JQ2LRJ	AC	8	8	6	48	0	0	0	0	0	0	0	0	0	0	0

S-OP 50MHz		Clmd		Final Results														
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	
10	7L2WHX	ST	10	9	5	45	0	0	0	0	0	0	0	0	0	0	0	1
11	JH2FOR	AC	7	7	5	35	0	0	0	0	0	0	0	0	0	0	0	0
11	JH8JLI/1	TK	7	7	5	35	0	0	0	0	0	0	0	0	0	0	0	0
13	JG1WKM	GM	8	7	4	28	0	0	0	0	0	0	0	0	0	0	0	1
14	JA1XPM	KN	3	3	2	6	0	0	0	0	0	0	0	0	0	0	0	0
14	JK1DTK	TK	3	3	2	6	0	0	0	0	0	0	0	0	0	0	0	0
14	JO1KVS/1	KN	5	3	2	6	0	0	0	0	0	0	0	0	0	0	0	2
17	JH1APD/QR	CB	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0

SWL		Clmd		Final Results													
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1	* JA4-	KN	461	531	145	76995	0	0	1	0	0	0	1	0	0	0	4
2	+ JI1LHT	ST	178	221	67	14807	0	0	0	0	0	0	0	0	0	0	1
3	JA3-6644	HG	71	69	46	3174	2	0	0	0	0	0	0	0	0	0	0
4	JA4-37294	OY	27	27	21	567	0	0	0	0	0	0	0	0	0	0	0

SWL Overseas		Clmd		Final Results													
Rank	CALL	QTH	QSO	Pts	Multi	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
5	* R3A-847	EU	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0

Ops: JG2YER: JK2VQR  
 JH1OES; JH1OES, JH1RVN  
 JO1YKX: JA5INF  
 8J270TK/2: JR2WLQ  
 SI5Y: SM5BKK

Check Logs: 7M1VUE, 8J270TK/2 JA2CUS, JA3VXH, JA8AJE, JA8NNE, JE5IWA, JF1HNL,  
 JF1LEO/1, JH1GNU, JH3HGI/3, JH6KEE, JJ5IYU/5, JN1ILK, JO3GED, JQ1QNV  
 JR3BOT, JR8YLY/1, JR0JVF, JF1HTW

## Comments

DJ9AO: A bit disappointed. Why no high-band activity?

N7DR A bit more activity from JA this year, and cndx were a bit better, but still very few stations to work

UA0DM Nice contest with bad propagation.

VE7JKZ Very poor propagation and nothing heard from JA on 20, 15, or 10.

VK4TT G'day to other Ops in Test

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