

KCJ NEWSLETTER

No. 62 Dec. 2015

*We wish you and your family
a Merry Christmas and
a Happy New Year.*

Passing Away of ex-President of KCJ

President JR3KQJ M. Nakashima

Mr. Yamaguchi, JA5WPP/JK3FSO informed me that JH2RRZ Mr. Suzuki, ex-president of KCJ, passed away on August 15 this year. He was one of members of Foundation of KCJ and had been a president for 10 years. I offer my condolences.

Ham Fair 2015

JA1PHE N. Ohya

It was held on 22 and 23 of August, 2015 in Tokyo under the name of the celebration of the 90th anniversary of JARL. KCJ had a booth there. Several panels including the member list of KCJ, a Morse code print machine, electronic keyers and paddles were displayed and special issues of The Key, KCJ Bulletin for Japanese members, were handed out to visitors. In addition, miniature flags made by one of KCJ members JF6LIU enlivened around the booth.

We had many visitors such as KCJ members, those famous for mobile operations and participants in KCJ contest.

The Morse code print machine was tended by JA9CZJ and mainly seemed to be popular with Japanese code enthusiasts. Beginners for CW operation loved to watch a rubber stamp QSO shown on DVD made by JO3OMA. One of barriers of beginners to CW operation was a relatively high speed of actual QSO. We were often asked the method of CW training. We had 155 visitors on the first day and 77 on the second day.



Behind: JA1PHE, JF6LIU, JK1CWR, JM1HUX, JR3XEX, JO3OMA, JA5QYR, JF6TWP Middle: JR3KQJ, 7M4AOE
Front: JA9CZJ, JP3KNW, JP3ELL, JO4CAP, JH3HGI

Hokkaido Ham Fair

JA8NSR M. Sakuma

Hokkaido Ham Fair was held on September 5 and 6 in Sapporo city. It was held the first time in 24 years. Display items were almost the same as those in Tokyo Ham Fair: list of KCJ members and winners of KCJ contests and DVD on CW operations made by JO3OMA. In addition, many mini flags decorated our booth.

Members tending our booth were JA8AJE, JG8NKJ and JA8NSR from Sapporo city, JR3KQJ from Hyogo and JL8LGW from Aichi prefectures. We got 95 visitors in total for two days. Some visitors said that he was thinking to belong to KCJ. We hoped they would do so.

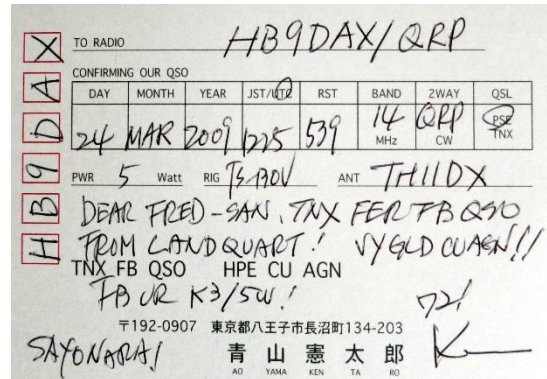
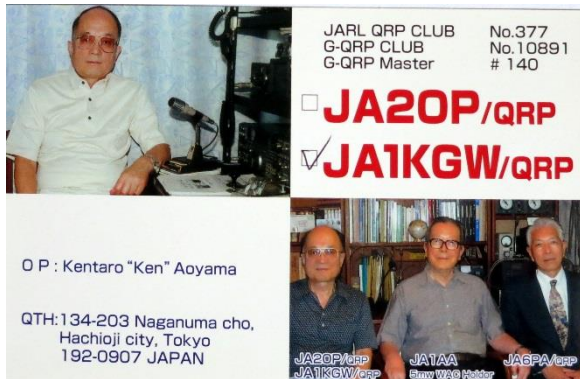
We had a small meeting after the first day's event. In addition to our members, JO2ASQ famous on mobile operations joined us. Various discussions made us cheerful.



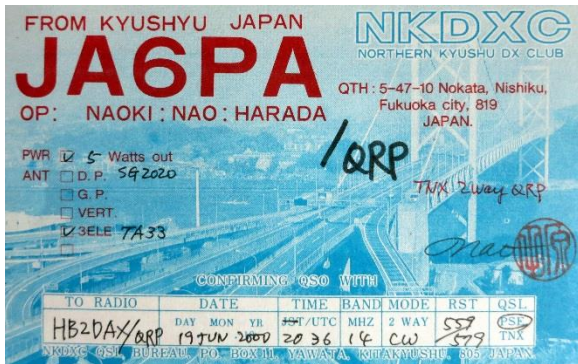
Standing: JG8NKJ,
Front: JA8NSR, JA8AJE, JR3KQJ

QRP is my passion „ HB9DAX „ op. Fred

It also comes with little power. I have yet to over 200 stations from japan with QRP worked. My working conditions: HW-9 (old heathkit), Elecraft K2, K3, KX3, and antennas 2 el.Yagi and dipole. Also have with japan stations in 2xqrp worked and it went very well. I`ve now been in my 45 years of amateur radio „320“ countries worked and confirmed in CW. I am worked only qrp „ cw is music for my „



I have with „KEN“ JA1KGW so many QSO in the last 10 years with 2x QRP- is a great cw operator in qrp.



Naoki „JA6PA“ top operator from Kyushu 2xQRP

Hisao „ JA1AA „ top operator in Qrpp from Tokyo



Keymans: 432
is not really describe, you have to feel,
it and experience every day.

Morse codes and UNESCO

German Radio League, DARC, proposed that Morse codes should be put on the list of Intangible Culture Treasure of UNESCO. JARL approved this proposal and KCJ worked on to promote it. KCJ will print the words "Morse code to UNESCO" on QSL cards of 8N*KCJ (*=1,2,5,and 8) special call sign stations.

The 40th Anniversary of KCJ Birth

We started the celebration of the 40th anniversary of the birth of KCJ on September 20 2015. Special call sign stations began to be on the air. More than 10,000 cards were issued at the end of October. Memorial awards were already issued to 13 hams as of September 26.

How to Get First Class Radio Engineer License

JA9CZJ Y. Matsumori

Trigger: I met an acquaintance who was my classmate at old radio engineering school and he said "Why didn't you take an exam for the first class radio technician. My student took it and got the license easily". When I graduated from the school, I had knowledge enough to pass exams for second class operator and technician licenses but my present job does not need the knowledge on radio, so I forgot a lot of them. His words motivated my challenge, even though I do not need licenses for my job.

Learning: I started to solve papers provided in past exams for second class license but I hardly can solve many of them. Fortunately my job was not busy and it took short time to commute. So, I could do hard learning at home. I maintained the motivation on this. I don't know why. I got confidence in passing the exam after I practiced solving problems set past ten years twice. Moreover I repeated the process again till the exam and passed it.

In the general meeting of KCJ held in 2014 in Iwakuni city Yamaguchi prefecture, I declared to get a first class engineer license. However, it is harder than a second class one, of course. The exam consists of four subjects. Thus my tactics was to take the exam on two subjects first and other two next time. By this tactics, I passed the exam for first class engineer license, repeating to solve past problems more than five times.

Patience and persistence: When you run out your patience and persistence, then you don't halt learning but consider it is time for a break. You think it isn't stop forever but just pause for a bit time.

Select problems to solve: Generally problems for first class license are hard but there exist easy problems. Try to solve these simple problems completely.

Practice to solve past problems entirely:

No need formulas: If you don't remember formulas, you would get senses to solve problems after you practiced past problems again and again.

History of KCJ Members

My Past, Present and Future

JA7CPW S. Tominami

In my junior high school days, I got a phone class operator license with my BCL friend. After I entered a high school in 1964, I brewed an RX and a TX to set up ham radio station. In the high school, I learned CW being instructed by senior student and got a CW class operator license. Senior students told me that the efficiency of a final tube was 60 % so I had to keep the input power below 16 watts. I remember that I watched a current meter in earnest in order that the input power didn't exceed 16 watts. My first EU was SM3TW and first USA was WA6IVM. It's regrettable that both hams became SK. I joined KCJ founded in the year of 1976 s one of founders. Until this year I got a first class operator license and made power-up. However, now I am busy due to job, so I occasionally participate in contest to let my code skill be.

More than 50 years passed since first setting of my ham radio station, I aim my own way of ham radio which is different from those of a beginner.

Apart from an ideal goal, I want to make regular QSOs, pick up DX signals in QRN, make Japanese code QSO with straight key, make mobile operations and so on. Actually they depend on my health and taking care of my old parent.



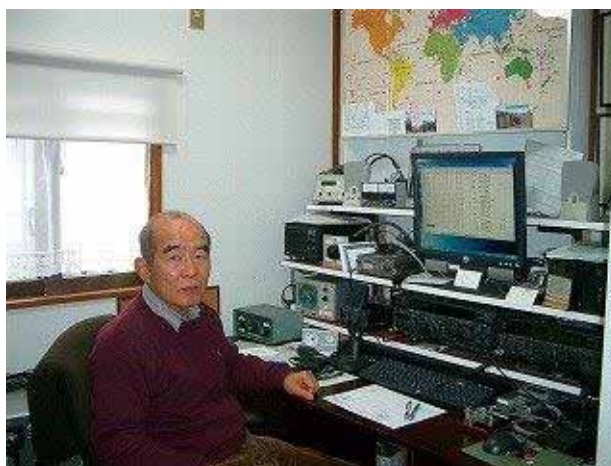
CW class operator license issued on May 25, 1965. I was 16 year old.

Longing of CW, Blooming at KCJ

JK1EBA N. Hasegawa

In my primary school days, there existed a college student on my way to a school. He built an antenna with supporters of bamboo poles. One day I entered his garden and watched him working someone with Morse codes. Since then, it was my enjoyment that I heard his Morse code running out from windows of his room on the way to and from the school. In those days my brain accepted the idea that wireless radio was equivalent to Morse codes.

When I was in junior high school, I bought a kit of 9R42J with my pocket money accumulated for long time. It's still my pleasure even now. Sputnik I was launched on October 4, 1957 and my teachers said that let's observe it with Schmidt camera. During observation, we need accurate time so I received JJY and recorded it on an open reel recorder. We reported results of the observation by telegram to



JK1EBA and his shack.



JK1EBA(right) in 5T.

Smithsonian astronomical observatory. We received the acknowledgment from it.

Talking about ham radio, I got a phone class operator license in 1966 and a CW class license in 1986 when I was in my middle forties. My activity shifted to CW mode because of easiness of wire antenna setting in close order of houses and of operations even in late night. When I wanted to join KCJ, I learned that my experience of CW operation had been shorter than the demand of KCJ. Thus, I wait another one year. Then, I joined KCJ in 1992. My relish of CW is to copy weak 339 signals in QRN and QSB. I operated from Saipan in 2003. In the article about it, I described that I was called and keyed for

reply with fingers sweat and tremble with excitement. It was the day I was hooked on CW in spite of my low skilled CW.

I tried to get KCJA issued by KCJ. In the first application, I made careless mistakes and an award manager of KCJ called me for that. After this, I realized that KCJ has been a club discerning and proud of. After I got KCJA-400, my interest shifted DX hunt. Now my score is 279 on CW and 310 on mixed modes.

My activities, mainly mobile operations to islands, were QRV from JD1, Sado Is in zero area, Rebun and Rishiri Is in eight area, Okinawa Is. DXpedition overseas were from KH6, KH2, KH0, FK, 5T5 and A5. I could do these owing to the inspiration from KCJ members.

My goals are to get KCJA-470, CW Honor Roll, five band DXCC and 160m DXCC. Moreover, I will try to get WAJA with 5 watts QRP. Want to travel SM in order to watch the low frequency sea station Gurimuton. I want to feel frontier spirits of trans-Atlantic ocean communication.

Voice of Members

JH1NXU: I attended Hokkaido Ham Fair. Thanks staffs for preparing and tending it..

JH1XUP: The condition was not so good and I was not able to get new one.

JN1WXW: I couldn't get on the air so often. I participated in UEC contest from my parent house in Ibaraki prefecture. Even though they didn't have air conditioner, they had a natural cool breeze, so I managed to run the contest in full time.

JO1XEU I didn't involuntarily participate in Top Bad Contest held by KCJ in February. Therefore I applied that energy to KCJ contest in August.

JQ1NGT: I participated in several

contests, IARU, WW VHF, IOTA and UEC, all of which were 24 hour ones. The summer this year was very hot and temperature was beyond 35 C day after day. I took care of heat radiation of PC and rigs. Other two hams in Tokyo also participated in WW VHF. This hasn't happened before. I also participated in KCJ contest on 28 MHz. The condition was very poor.

7N3SHX: Due to poor condition, I haven't got new JCC/JCG. Just listening time increased.

JA2MYA: I operated 8N2KCJ and had a lot of fun being called by many. However, on the bands higher than 14 MHz, no one called me.

JA2OLJ: On LoTW I confirmed my

application of DXCC by documents. Now my score is 336 on MIX and 334 on CW and 102 on 160m. I didn't work P5, FJ and Z8. I want to get a field check on another one for Mix and another three for CW. Got DXCC honor Roll #1. From Nov 2006, in addition to regular operations from home, I got more than 50 QSOs by mobile operations every month. I began no QSL for non QSLers from this month. My black list has five hams.

JS2KHM: It was hot everyday and the dead season for the propagation. Thus, I made paper works on the rearrangement of QSL cards for the applications of awards. In July, I joined three contests with the results surpassing those of last year. On the other hand, the condition in September was very poor, especially in XPO contest.

JH3HGI: I attended HamFair. I carried a tablet installed Hamlog under the OS of Windows 10. I entered call sign of those I eyeballed. I met 94 hams. First time eyeball QSO with KCJ members was four in number.

JI3NOF: I suspected I suffered from summer heat. I will do best from September 20 because of the QSO party celebrating the 40th anniversary of the KCJ birth.

JR3KQJ: I operated at the mount

Kuruhi in Toyooka city Hyogo prefecture to try QSO with Hokkaido on V/UHF bands and for participation in VHF contest. The condition was so good that I worked many 0, 7 and 8 area stations. Before I would go home, I asked a station at Aomori prefecture to shift CW mode and fortunately he can operate CW. I got my dream true. Okinawa prefecture remains as the last one for my 430 MHz WAJA.

JA5NSR: Rebuilding a full size delta loop antenna, I shifted its direction of main lobe to EU.

JG6CDH: The propagation by sporadic E layer was good in many days of July. My score of AJA increased about 500 and completed to work all wards in Japan. I was forwarded many QSL cards from JARL QSL Bureau in the end of July. The arrangement of cards had been hassle for me before but now, its joy because it is for various awards.

JG7UVO: Participated in Fukushima marathon QSO held by JARL Fukushima branch from July 25 to 31. The category I participated was 18 MHz single band. The number of days I was on the air was multipliers, so I had to be on the air everyday. The condition was not so good and on the last part of this event I worked only one QSO a day.

JA8AJE: I began to confirm QSOs by

e-QSL. There exist e-QSLer even though he didn't send paper QSL card. This is another type of confirmation of QSO. Many DX contesters aren't interest in card so I lost interest in DX contest but e-QSL inspired my participation in DX contest again.

JG8NKJ: I improved two dipoles in order to be able to get on the air on 160 meter and 15 meter phone bands. Improvement was made with traps. I look forward to KCJ contest to fire up on 160 meters.

NEW Members

JR8SGE : Kenji "KEN" Karino #475 July 2, 2015

He moved various places in Japan due to his job and now lives in Kobe city Hyogo prefecture. In old days of his high school era, he had thought to join KCJ, looking at a QSL card sent by a KCJ member but didn't. It has passed a couple of years. He has been a ham for 32 years and QRTed for only a few years.

JP6TDI: Satotu "YADA" Yadori #476 July 27, 2015

He wanted to work DX. This is the reason he got started CW operation.

JA3RDU also JS6TGX: Kentaroh "KEN" Hasegawa #477 July 27, 2015

He lives in Naha city, Okinawa prefecture and sometime stays in Sakai city Osaka prefecture. He got to learn CW long time ago but QRT in his business day made his CW ability down, so he is rehabilitating it now.

JK3IJQ: Haruyoshi "HAL" Daitoh #478 August 4, 2015

He was influenced his fellow hams who was avid on CW around the year 2000. Now he is business bachelor in South Korea with call sign HL2ZBD.

N9NA: John "JOHN" Siepmann #479 August 16, 2015

He participated in KCJ contest last year for the first time and did so this year. He is interested in contests.

JR1WJM: Ryuichi "RICH" Irisawa #480 August 28, 2015

He became a member on the recommendation of KCJ member JF6LIU.

His operation is mainly CW because he likes and joins many contests.

JM1LRA: Toshio "ARAI" Arai #481 August 29, 2015

He likes CW because it can make QSO simple. He recently chases mobile stations and he himself operates mobile operations.

7N1PFW: Hiroyuki "HIRO" Ishida #482 September 1, 2015

He thought he needed to get experience on various fields for his future radio activity, so he decided to join KCJ.

JG1LFF: Masazumi "MASA" Koike #483 September 3, 2015

He met Son JH3HGI at Ham Fair 2012 and reading KCJ bulletin, The Key, he got strong impression that various experts belonged to KCJ. He became a member at Son's advice.

JE5EUT: Yoshiyuki "YOSHI" Komatus #484 September 4, 2015

He has been interested in KCJ and joined.

JA4FDZ: Kouji "KOU" Hirata #485 September 5, 2015

When he started award hunting, he realized many wanted to contacts on CW mode, so he decided to join KCJ and be active on the air.

JF5QQF: Takamitsu "GOMI" Gomi #486 September 11, 2015

He wanted to get skill of CW operation, participated in KCJ contest and visited the KCJ booth at 2015 Ham Fair. These triggered his joining KCJ.

JH1DLJ: Yasumasa "YAS" Tanaka #487 September 15, 2015

He eyeballed KCJ members at Hokkaido Ham Fair and decided to belong to KCJ. He works more than three QSOs every day as his object in ham radio. It results in 1000 QSOs a year and he has continued it for 50 years.

JA8JXC: Yoshichi "YOSHI" Sugimura #488 October 2, 2015

He was invited to be a member of KCJ at Hokkaido Ham Fair. He will enjoys CW operations in feature.

JR3FYM: Kichirou "ZAWA" Iizawa #489 October 9, 2015

Date JR3EX recommended him to join KCJ. In order to get fun from CW operation, he got higher class operator licenses. Chat by CW mode is his goal in feature.

KCJA

JA2QVP									
(非会員) 15-8-14									
475pts(#027)									
新規申請									
Band	1.9	3.5	7	10	14	18	21	24	28
Pts	47	47	47	47	47	38	47	36	44
Band	50	144	430	1.2	2.4	5.6	SHF	SAT	SUM
Pts	44	23	14	0	0	0	0	0	481

JA2RJE										
(会員) 15-9-7										
100pts(#360)			150pts(#189)			200pts(#177)				
250pts(#130)			300pts(#124)							
新規申請										
Band	1.9	3.5	7	10	14	18	21	24	28	
Pts	23	47	47	42	46	28	40	23	18	
Band	50	144	430	1.2	2.4	5.6	SHF	SAT	SUM	
Pts	0	0	0	0	0	0	0	0	314	

JH1JBP									
(非会員) 15-9-18									
100pts(#361)	150pts(#190)	200pts(#178)							
250pts(#131)	300pts(#125)	350pts(#095)							
400pts(#082)	425pts(#034)	450pts(#057)							
475pts(#028)	500pts(#032)	525pts(#019)							
新規申請									
Band	1.9	3.5	7	10	14	18	21	24	28
Pts	47	47	47	47	46	47	46	45	40
Band	50	144	430	1.2	2.4	5.6	SHF	SAT	SUM
Pts	42	12	12	9	0	0	0	47	534

JM1ATF									
(非会員) 15-10-9									
100pts(#362)	150pts(#191)	200pts(#179)							
250pts(#132)	300pts(#126)	350pts(#096)							
新規申請									
Band	1.9	3.5	7	10	14	18	21	24	28
Pts	29	43	47	47	38	42	20	30	26
Band	50	144	430	1.2	2.4	5.6	SHF	SAT	SUM
Pts	20	8	3	0	0	0	0	0	353

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<http://www.kcj-cw.com/>

The Results of KCJ Contest

Held Aug. 15 through 16.

Remarks on the table next page were as follows:

- | | |
|---|--|
| <p>IM: You had other's call sign wrong.
 RR: You had RST from other wrong.
 MR: You had other's multiplier wrong.
 NF: Your call sign was not in other's log.</p> | <p>UM: Other had your call sign wrong.
 RS: Other had RST sent by you wrong.
 MS: Other had your multiplier wrong.
 TM: QSO time differed more than 10min.
 WC: Dupe QSOs.
 OF: QSO bands were mismatched.</p> |
|---|--|

Comment of DX Participants

UA0OD: 73!

VE7SL: Terrible auroral conditions. K index=7. Only very weak signals from JA.

VK4TT: Used SD by EI5DI wkd very FB

2015 KCJ Contest Results

S. Op Multi band		Clamed	Final Results																
Rank	CALL	QTH	QSO	Pts	Multi	Score	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	CL	
1	*	JH4UYB	HS	874	891	225	200475	2	4	0	0	0	6	3	1	0	0	147	0
2	*	JQ1TIV	ST	733	731	201	146931	1	3	0	0	0	3	9	0	2	0	100	0
3	*	JR6CSY	NS	607	622	175	108850	3	3	1	1	0	1	3	0	0	0	81	0
4	*	JH0RNN	NI	519	512	165	84480	3	2	0	0	1	5	2	0	0	0	82	0
5	*	JG6JAV	NS	601	555	149	82695	4	6	1	0	2	1	2	1	1	0	108	0
6	+	JR2AWS	GF	436	472	145	68440	0	3	0	0	0	0	2	0	0	0	39	0
7		JR8OXT/1	ST	501	489	132	64548	4	6	0	0	2	2	2	0	0	0	68	0
8	+	JR3KQJ	HG	363	397	142	56374	2	3	0	0	0	0	0	0	0	0	25	0
9	+	JR2NMJ	ME	355	412	134	55208	1	4	1	0	1	0	2	1	0	0	29	0
10	+	JG6CDH	SG	368	401	133	53333	2	2	0	0	0	0	3	0	0	0	36	0
11		JR2MIO/2	ME	361	395	133	52535	0	6	0	0	1	0	1	1	1	0	32	0
12	+	JG8NKJ	IS	380	366	137	50142	4	3	0	0	2	1	3	1	0	0	40	0
13	+	JA1CP	KN	382	398	124	49352	4	0	0	0	1	1	2	0	0	0	32	0
14		JA1BJI	KN	316	371	129	47859	2	1	0	0	0	0	1	1	0	0	24	0
15	+	JR1UJX	TK	380	364	124	45136	1	2	0	0	0	1	3	1	0	0	48	0
16	+	JA5CBU	KA	333	370	113	41810	2	2	0	0	1	0	2	0	0	0	28	0
17	+	JH5HDA	EH	400	386	107	41302	3	3	0	0	1	1	4	0	1	0	49	0
18		JH0EPI	NI	348	355	115	40825	3	1	0	0	0	1	1	0	0	0	31	0
19		JH1FNU	ST	299	356	113	40228	2	1	0	0	0	2	2	0	0	0	24	0
20		JK3HFN	HG	331	336	118	39648	1	0	0	0	1	3	4	1	0	0	25	0
21	+	JE1SGH	IB	282	333	112	37296	2	0	0	0	0	0	1	0	1	0	21	0
22	+	JG3CQJ	WK	296	331	112	37072	4	2	0	0	1	0	2	0	0	0	28	0
23	+	JH1MTR/4	TT	348	368	100	36800	1	6	0	0	0	2	1	0	0	0	34	0
24	+	JH7UJI/7	YM	358	344	103	35432	2	5	0	0	0	6	2	1	0	0	42	0
25	+	JI3DNN/4	SN	368	323	107	34561	6	7	0	0	1	2	2	1	0	0	42	0
26	+	JO4EXC	OY	325	329	102	33558	1	3	0	0	0	2	1	0	1	1	35	0
27		JA4CMW	HS	332	300	106	31800	9	3	0	0	3	0	3	0	0	0	42	0
28		JA2AFX	GF	257	285	109	31065	2	2	0	0	0	0	1	0	1	0	14	0
29		JE1NVD	ST	290	323	95	30685	1	1	0	0	0	2	1	0	0	0	30	0
30		JA4BDY	HS	281	297	101	29997	3	2	1	0	0	0	3	1	0	0	22	0
31	+	JR3QHJ	OS	277	290	103	29870	0	1	0	0	0	3	2	0	0	0	25	0
32		JA1XUY	TK	275	295	98	28910	2	0	0	1	0	0	3	0	0	0	22	0
33	+	JA3RSJ	NR	261	270	107	28890	0	0	0	0	1	0	2	0	0	0	20	0
34	+	JA7CPW	MG	275	293	85	24905	0	0	0	0	0	1	1	0	0	0	32	0
35	+	JE7DMH	FS	266	268	90	24120	2	3	0	1	3	1	1	0	0	0	19	0
36		JA3AVO	HG	242	272	88	23936	3	0	0	0	0	1	0	0	0	0	18	0
37		JR1BTG	ST	239	276	85	23460	0	3	0	0	0	0	3	2	0	0	23	0
38		JJ2DWL	ME	265	271	86	23306	1	3	0	0	0	1	1	0	0	1	23	0
39		JA6FOF	NS	228	242	96	23232	0	0	0	0	0	0	0	0	0	0	18	0
40		JL3RNZ/3	HG	207	214	93	19902	0	3	1	0	0	1	0	2	0	1	17	0
41		JH3FGI	HG	211	228	86	19608	6	0	0	0	2	1	2	0	0	0	16	0
42		JA1XHC	TK	198	201	96	19296	0	2	0	0	1	0	1	0	0	0	13	0
43		JA2MYA	GF	220	197	97	19109	4	1	0	0	1	1	2	0	0	0	22	0
44		JA3JM	OS	199	235	81	19035	2	0	0	0	1	0	1	0	0	0	8	0
45	+	JH4RAL/3	SI	228	233	81	18873	0	4	0	0	0	1	2	0	0	0	28	0
46		JH7IXX	YM	212	235	78	18330	1	1	0	0	1	0	1	1	0	0	12	0
47	+	JA2QVP	AC	178	196	92	18032	0	1	0	0	0	0	2	1	1	0	9	0
48		JO3JYE	HG	223	216	83	17928	3	0	1	0	2	4	1	1	1	0	22	0
49		JA4MRL	OY	213	225	78	17550	1	2	0	0	0	0	1	0	0	0	16	0
50	+	JP6SPZ	OT	206	186	94	17484	3	2	0	0	1	1	3	0	0	0	18	0
51	+	JA2JTN	SO	209	217	79	17143	1	0	0	0	0	1	3	0	0	1	22	0
52	+	JA6DH	FO	170	196	87	17052	2	1	0	0	0	0	1	0	0	0	10	0
53		JE8CLT	IS	224	212	79	16748	1	2	0	0	2	1	1	0	0	0	29	0

S. Op Multi band		QTH	Clamed	Final Results						IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	CL
Rank	CALL			QSO	Pts	Multi	Score														
54	JA6BWH	FO	169	198	84	16632	1	2	0	0	0	0	0	2	0	0	0	10	0		
55	J11FLB	TK	219	211	77	16247	2	3	0	0	5	0	3	0	1	0	18	0			
56	JJ2TKX	ME	207	217	74	16058	0	0	0	0	0	0	2	0	1	0	15	0			
57 +	JA0DVE	NN	208	211	76	16036	3	5	0	0	3	3	4	0	2	0	13	0			
58	JN1KWR	TK	180	201	79	15879	0	0	0	0	0	0	4	1	0	0	10	0			
59	JA1AZR	IB	203	205	75	15375	0	0	0	0	1	0	1	0	0	0	16	0			
60	JM2CAN	AC	196	176	84	14784	5	0	0	0	2	0	3	0	1	0	17	0			
61 +	JA8NRS	TC	176	186	79	14694	1	1	0	0	2	2	1	2	0	0	13	0			
62	JE4MHL	HS	170	169	86	14534	1	3	0	0	0	1	1	0	1	0	14	0			
63	JN1ECL	KN	179	185	78	14430	1	0	0	0	1	1	2	0	0	0	9	0			
64 +	JG1RZH	CB	173	182	79	14378	3	1	0	0	1	0	2	0	0	0	12	0			
65	JQ1SYQ	TK	161	165	77	12705	1	2	0	0	0	0	0	0	0	0	13	0			
66 +	JP7ERZ	IT	155	169	72	12168	0	1	0	0	1	0	0	0	0	0	12	0			
67 +	JG1RRU/1	YN	186	161	69	11109	1	8	0	0	1	8	0	0	0	0	15	0			
68 +	JA9MAT	TY	148	177	62	10974	0	0	0	0	0	0	2	0	0	0	9	0			
69	JA1HMK	TK	150	153	71	10863	0	0	0	0	1	0	1	0	0	0	15	0			
70	JA7ACV	MG	184	171	59	10089	2	0	0	0	0	2	1	0	0	0	20	0			
71	JA0IOF	NN	150	157	64	10048	1	2	0	0	1	0	1	0	0	0	8	0			
72	JA1TFJ	TK	153	143	64	9152	1	1	0	0	1	0	0	0	0	0	11	0			
73 +	JR1DVB	GM	111	147	62	9114	3	0	0	0	0	1	0	1	0	0	7	0			
74	JH4JUK	HS	142	134	68	9112	0	2	0	0	1	2	1	0	0	0	14	0			
75	JA3VOV	OS	132	129	66	8514	3	0	0	0	0	0	2	0	0	0	10	0			
76 +	JR4CZW/5	TS	100	126	66	8316	0	0	0	0	0	0	0	0	0	0	6	0			
77	J15XTP	KA	155	136	61	8296	0	0	0	0	2	0	0	1	0	0	16	0			
78	JR0GVW	NI	135	126	64	8064	6	3	0	0	0	0	1	1	0	0	10	0			
79	JA7TJ	IT	118	120	65	7800	1	0	0	0	0	0	0	0	0	0	5	0			
80	JK1SDQ	TK	115	111	70	7770	1	1	0	0	2	0	2	0	0	0	6	0			
81	JK2VOC	ME	114	129	58	7482	1	0	0	0	0	0	0	0	0	0	8	0			
82	JA1YEN/1	GM	132	135	55	7425	0	1	0	0	1	1	0	0	0	0	6	0			
83	JG1REU	KN	110	121	61	7381	1	1	0	0	0	0	1	1	0	1	4	0			
84	JA6CM	NS	111	108	66	7128	2	1	0	0	1	0	1	1	1	0	8	0			
85 +	JA8RWU/8	OH	104	109	65	7085	1	3	0	0	0	3	0	0	0	0	4	0			
86	JF7FHY	IT	146	137	51	6987	2	2	0	0	0	0	0	0	0	0	13	0			
87	JP1SRG	CB	96	102	68	6936	2	2	0	0	1	1	0	0	0	0	4	0			
88	JF6RIM	FO	106	117	58	6786	0	1	0	0	1	0	0	0	0	0	11	0			
89	JH1RYE	GM	103	111	61	6771	1	2	0	0	0	0	1	0	0	0	8	0			
90	JA2DHF	AC	94	113	59	6667	0	1	0	0	1	1	0	0	0	0	6	0			
91 +	J11FOE	TG	121	118	56	6608	8	0	0	0	0	3	2	1	0	0	5	0			
92	JA7AEM	MG	115	140	45	6300	0	0	0	0	0	0	0	0	0	0	11	0			
93	7N2SPK	TK	108	107	58	6206	0	2	0	0	0	0	1	0	0	0	6	0			
94	JA1SKE	TK	93	101	61	6161	3	1	0	0	1	0	0	0	1	0	2	0			
95	JF1DIR	KN	131	125	49	6125	2	0	0	0	2	0	1	0	1	0	12	0			
96 +	JJ7GCL	AT	149	122	50	6100	1	0	0	0	0	1	1	0	0	0	24	0			
97	JL1BHN	TK	111	104	58	6032	0	2	1	0	0	0	1	0	0	0	7	0			
98	J11VAH	IB	96	110	54	5940	1	0	0	0	0	0	0	0	0	0	5	0			
99	JE0JAO	NI	120	113	51	5763	2	0	0	0	0	0	1	0	1	0	11	0			
100	JJ8GFL/1	KN	106	94	59	5546	1	1	0	0	0	1	2	0	0	0	7	0			
101	JG1WKM	GM	100	105	52	5460	0	1	0	0	0	0	0	0	0	0	6	0			
102	JG1QPZ	KN	107	126	43	5418	1	1	0	0	0	0	0	0	0	0	3	0			
103	JA9VCO	IK	103	102	53	5406	0	1	0	0	3	2	1	0	0	0	10	0			
104	JM1ATF	CB	101	102	52	5304	1	1	0	0	0	0	1	0	0	0	8	0			
105	JH4EYD	TT	115	105	50	5250	2	0	0	0	3	2	3	0	0	0	8	0			
105	JA6DAQ/3	KT	109	105	50	5250	4	0	0	0	0	0	0	0	0	0	8	0			
107	7K1JFM	KN	105	109	48	5232	0	2	0	0	1	0	1	0	0	0	8	0			
108	JE0EHE	NN	87	89	56	4984	2	4	0	0	0	0	0	0	0	0	4	0			
109	J14JGD	OY	104	105	47	4935	0	2	0	0	0	0	0	0	1	0	8	0			

S. Op Multi band			Clamed	Final Results														
Rank	CALL	QTH	QSO	Pts	Multi	Score	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	CL
166	JF5QQF	KC	22	21	16	336	1	0	0	0	0	0	0	0	0	0	0	0
167	7N2GKJ	TK	22	20	15	300	0	0	0	0	1	0	0	0	0	0	1	0
168	JA3KQN	HG	22	19	15	285	1	0	0	0	1	0	0	0	0	0	1	0
169	JA1LJW/1	GM	17	24	11	264	0	0	0	0	0	0	1	0	0	0	0	0
170	7L1VET	KN	20	17	15	255	1	0	0	0	1	0	0	0	0	0	1	0
171	JF3GFH/1	KN	22	19	13	247	1	0	0	0	0	0	2	0	0	0	0	0
172	JF3QND	OS	15	20	12	240	0	0	0	0	1	0	1	0	0	0	1	0
173	JH1MVY	CB	19	18	12	216	2	0	0	0	0	0	0	0	0	0	0	3
174	JG1LPL	KN	20	17	12	204	1	0	0	0	1	0	0	0	0	0	1	0
175	JI4EAW/3	NR	16	17	11	187	0	0	0	0	1	0	0	0	0	0	2	0
176	JH3PTC	HG	17	16	11	176	0	0	0	0	0	1	0	0	0	0	0	0
176	JH8KIY	OM	15	16	11	176	0	0	0	0	0	1	0	0	0	0	2	0
178	JA1XPM	KN	14	14	12	168	0	0	0	0	0	0	0	0	0	0	0	0
178	JA4GQD	HS	15	14	12	168	0	0	0	0	0	0	0	0	0	0	1	0
180	JR4VEV	OY	18	15	11	165	1	0	0	0	0	0	0	0	0	0	2	0
181	7L3EBJ	TK	15	13	12	156	0	0	0	0	1	0	0	0	0	0	1	0
182	JQ2KAE	AC	20	14	11	154	1	1	1	0	0	0	0	0	0	0	3	0
183	JJ1TNX	KN	13	11	11	121	0	0	0	0	0	0	0	0	0	0	2	0
184	JH0OZT	NN	12	11	10	110	0	0	0	0	0	0	0	0	0	0	1	0
184	JR6DM	ON	12	11	10	110	0	0	0	0	0	0	0	0	0	0	1	0
186	JG3OML	HG	12	10	8	80	0	0	0	0	1	0	0	0	0	0	1	0
187	JJ1IDW	TK	9	8	8	64	0	1	0	0	0	0	0	0	0	0	0	0
188	JH8JLI/1	TK	9	9	6	54	0	0	0	0	0	0	0	0	0	0	0	0
189	JQ1ARQ	CB	8	7	7	49	0	0	0	0	0	0	0	0	0	1	0	0
189	JA1LZ	KN	10	7	7	49	0	0	0	0	0	0	0	0	0	1	2	0
189	JP3DGT	OS	9	7	7	49	0	0	0	0	0	0	1	0	0	0	1	0
192	JS1BKR	CB	9	8	6	48	1	0	0	0	0	0	0	0	0	0	0	0
193	JI1KMU	TK	10	7	6	42	0	0	0	0	0	0	0	0	0	0	3	0
194	JE4YLY/4	OY	7	6	5	30	1	0	0	0	0	0	0	0	0	0	0	0
194	JR2UTT	GF	10	10	3	30	2	0	0	0	0	0	0	0	0	0	2	0
196	JA9XAT/2	GF	5	5	5	25	0	0	0	0	0	0	0	0	0	0	0	0
197	JL8VZG/1	KN	4	4	4	16	0	0	0	0	0	0	0	0	0	0	0	0
197	7N1MJH	TK	4	4	4	16	0	0	0	0	0	0	0	0	0	0	0	0
199	JK1MIG	TK	3	3	3	9	0	0	0	0	0	0	0	0	0	0	0	0
199	7M4NGG	CB	4	3	3	9	0	0	0	0	0	0	0	0	0	0	1	0
199	JF4XHR/3	KT	5	3	3	9	0	1	0	0	0	0	0	0	0	0	1	0
202	JG1VCH	KN	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0
203	JI1IHV	KN	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Overseas			Clamed	Final Results														
Rank	CALL	QTH	QSO	Pts	Multi	Score	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	CL
1	* JF3PLF/ BY5HB	AS	428	301	132	39732	4	36	0	1	1	0	20	0	0	1	64	0
2	+ UA0DM	AS	286	255	110	28050	3	4	0	0	0	1	1	1	1	0	20	0
3	+ K6XX	NA	260	224	93	20832	1	3	0	0	0	0	3	0	1	0	28	0
4	R0CW	AS	187	163	87	14181	6	0	0	0	3	0	3	0	0	0	12	0
5	+ VR2/ UA3QNS	AS	191	150	93	13950	3	4	0	1	6	0	5	2	2	0	18	0
6	R0CM	AS	110	95	56	5320	0	0	0	0	0	0	3	0	0	0	12	0
7	+ N9NA	NA	101	85	53	4505	2	2	0	0	3	0	0	0	1	0	8	0
8	+ BV1EL	AS	80	69	46	3174	0	0	0	0	0	0	3	0	0	0	8	0
9	N6TI	NA	79	71	32	2272	1	0	0	0	1	0	0	0	0	0	6	0
10	+ YC1DPM	OC	81	61	36	2196	4	0	0	0	2	0	3	0	0	3	8	0
11	+ KH6Y	OC	62	36	22	792	7	0	0	0	5	2	1	0	0	1	10	0
12	YB0ANN	OC	35	31	23	713	0	1	0	0	0	1	0	0	0	1	1	0
13	+ E20MIO	AS	33	30	22	660	0	0	0	0	1	1	0	0	0	0	1	0
14	+ UN9GD	AS	24	24	18	432	0	0	0	0	0	0	0	0	0	0	0	0
15	UA0OD	AS	26	21	19	399	2	0	0	0	2	0	0	0	0	0	1	0

S-OP 7 MHz			Clamed	Final Results			IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	CL	
Rank	CALL	QTH		QSO	Pts	Multi													Score
1	*	JA3QOS	KT	262	260	50	13000	0	1	1	0	0	0	3	0	2	0	39	0
2	*	JJ1RXC	TK	269	262	48	12576	0	0	0	0	1	0	3	0	0	0	39	0
3	*	JK1FNL	KN	299	261	48	12528	0	3	0	0	2	3	2	1	1	0	58	0
4	*	JR1MEG/1	TG	269	239	50	11950	1	5	1	0	0	1	2	0	0	0	44	0
5	*	JF1LLB	KN	267	243	49	11907	2	1	0	0	1	1	3	1	0	0	43	0
6	+	JH6QIL	KG	258	243	48	11664	1	1	0	0	1	3	2	0	0	0	43	50
7	+	JS2KHM	AC	265	244	47	11468	4	6	0	0	0	0	6	0	2	0	35	0
8	+	7J3AOZ	HG	277	238	43	10234	3	0	1	0	2	2	2	1	0	0	52	0
9	+	JH4COC	HS	227	204	47	9588	2	2	0	0	3	2	1	0	0	0	37	0
10		JA4JY/3	KT	210	207	46	9522	1	0	1	0	2	2	1	0	0	0	20	0
11		JR3RIU	HG	222	202	46	9292	3	0	0	0	0	10	2	0	0	0	29	0
11	+	JA1OTP	GM	200	202	46	9292	1	2	0	0	0	0	1	0	0	0	30	0
13		JE1RRK	TK	221	202	43	8686	6	0	0	0	0	1	1	0	0	0	35	0
14	+	JN1WXW	IB	185	184	46	8464	1	2	0	0	1	0	2	0	0	0	23	0
15		JE1REU	TK	190	185	44	8140	4	1	0	0	1	1	3	0	0	0	19	0
16	+	JH1KMC	CB	189	185	43	7955	2	1	0	0	0	0	1	1	0	0	23	0
17	+	JM2NWF	SO	175	165	44	7260	7	3	0	0	0	4	2	0	0	0	18	0
18	+	JN3ANO	NR	175	170	42	7140	2	0	1	0	0	2	0	0	0	0	24	0
19		JF2OHQ	AC	165	162	42	6804	0	2	0	0	0	1	1	0	0	0	19	0
20	+	JA3GJQ	OS	229	160	42	6720	16	2	0	0	4	0	3	18	0	0	38	0
21	+	JE4GJV	OY	177	151	43	6493	1	3	0	0	0	0	2	0	0	0	24	0
22	+	JR3EQG	WK	162	160	39	6240	2	0	0	0	1	0	1	0	0	0	18	0
23		JA3UWB	KT	155	155	40	6200	0	1	0	0	0	1	1	0	0	0	17	0
24	+	JA5NSR	TS	151	153	40	6120	3	0	0	0	1	0	2	0	0	0	12	28
25		JA4FDZ	HS	203	165	36	5940	2	1	0	0	2	0	2	0	0	0	35	0
26	+	JA8CXX	IS	127	124	38	4712	2	1	0	0	0	3	0	0	0	0	13	0
27		JR2LBF	AC	122	116	39	4524	3	1	0	0	1	0	0	0	0	0	9	0
28	+	JH1KYA	ST	100	107	41	4387	2	0	0	0	0	1	0	0	0	0	6	0
29	+	JE5EUT	KC	120	116	35	4060	1	2	0	0	1	1	1	0	0	0	14	0
30	+	JR2BYJ	ME	103	100	39	3900	1	1	0	0	0	0	0	0	0	0	9	0
31		JA1RGU	KN	98	99	38	3762	1	1	0	0	0	0	1	0	0	0	8	0
32	+	JA2NGN	GF	102	104	35	3640	1	0	0	0	0	0	1	0	0	0	12	0
33		JO3OEF	HG	131	113	32	3616	2	1	0	0	1	1	1	0	1	0	19	32
34		J11LHT	ST	103	97	37	3589	0	2	0	0	0	0	0	0	0	0	8	0
35		JA5IVG/5	TS	86	93	35	3255	0	1	0	0	0	2	0	0	0	0	6	7
36		JP3NOJ	NR	96	89	36	3204	1	2	0	0	0	0	0	0	0	0	8	0
37	+	JA7ODY	MG	90	81	38	3078	0	0	0	0	1	0	1	0	0	0	11	61
38		JP1LJH	TK	85	90	34	3060	0	3	0	0	0	0	1	0	0	0	3	0
38	+	J17FBM	IT	100	90	34	3060	0	0	0	0	1	0	0	1	0	0	12	0
38		JF2KWM	GF	72	90	34	3060	1	0	0	0	0	0	1	0	0	0	4	0
41		JO1XEU	IB	85	79	38	3002	1	1	0	0	1	0	0	0	0	0	7	0
42		JA7WMO	MG	94	82	36	2952	2	0	0	0	0	0	1	0	0	0	9	0
43	+	JH1SCZ	YN	87	91	32	2912	2	0	0	0	0	0	0	0	0	0	6	0
44		JA3HIL	HG	85	86	33	2838	2	1	0	0	2	0	2	0	0	0	8	0
45	+	JF6TWP/6	FO	100	89	30	2670	0	2	0	0	1	0	1	0	0	0	11	0
46		JA1KEV	IB	99	86	31	2666	9	2	0	0	1	0	3	0	0	0	10	0
47		JE1JAC	TK	76	74	34	2516	1	2	0	0	0	0	0	0	0	0	7	0
48		JA1GQC	KN	74	77	29	2233	2	2	0	0	1	2	0	0	0	0	6	0
49		JF1KML	TK	64	71	31	2201	0	0	0	0	0	0	0	0	0	0	5	16
50		JJ1XQU	CB	79	73	30	2190	7	0	0	0	1	1	0	0	0	0	5	0
51		JA7ARW	MG	71	77	28	2156	1	0	0	0	0	1	0	1	0	0	3	0
52		JL1UTS	ST	74	71	30	2130	1	0	0	0	2	0	0	0	0	0	8	0
53	+	JA0UPW	NI	63	66	31	2046	0	0	0	0	0	0	0	0	0	0	5	0
53		JK1UKQ	CB	61	66	31	2046	0	1	0	0	0	0	0	0	0	0	6	0
55		JA6QQL	FO	61	61	31	1891	2	2	0	0	0	0	0	0	0	0	4	0
56	+	JA4VNE/4	SN	85	73	25	1825	3	5	0	0	0	1	0	0	0	0	3	5

S-OP 21 MHz			Clamed	Final Results																	
Rank	CALL	QTH	QSO	Pts	Multi	Score	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	CL			
6	+	JA1CTB	ST	26	41	11	451	0	0	0	0	0	0	0	0	0	1	0			
7		JH1VIX	KN	15	25	8	200	0	0	0	0	0	0	0	0	0	2	28			
8		JE1HTV	ST	21	23	6	138	0	0	0	0	0	1	1	0	0	0	0			
9		JR4WEI/3	HG	3	6	2	12	0	0	0	0	0	0	0	0	0	1	11			
10		7K1VKU	CB	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0			
10		JJ1GRK	CB	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0			
10		JG6QPX	FO	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0			
S-OP 28 MHz			Clamed	Final Results																	
Rank	CALL	QTH	QSO	Pts	Multi	Score	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	CL			
1	*	JM4WUZ	HS	90	100	27	2700	0	3	0	0	0	0	1	0	1	0	17	0		
2	+	JG1AVO	CB	109	107	25	2675	0	0	0	0	0	0	0	0	0	0	22	0		
3	+	JQ1NGT	TK	67	61	11	671	0	2	0	0	1	0	0	0	0	0	11	0		
4	+	JL1LNC	KN	52	50	11	550	1	0	0	0	0	0	1	0	0	0	8	0		
5		7K1EQG	CB	31	36	7	252	0	0	0	0	0	0	0	0	0	0	3	0		
6		JR8BMW/1	KN	20	26	7	182	0	0	0	0	0	0	0	1	0	0	1	2		
7		JO1WIZ	ST	19	21	8	168	0	0	0	0	0	0	0	0	0	0	2	2		
8		JA1SKY	KN	20	20	5	100	1	0	0	0	0	0	1	0	0	0	2	0		
9		JJ3JL	SI	10	9	8	72	0	0	0	0	0	0	0	0	0	0	1	0		
10		JE1ALA/2	AC	3	7	3	21	0	0	0	0	0	0	0	0	0	0	0	3		
11		JA3RAZ	HG	4	3	3	9	0	0	0	0	0	0	0	0	0	0	1	0		
12		JA3CVN/3	NR	2	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0		
S-OP 50 MHz			Clamed	Final Results																	
Rank	CALL	QTH	QSO	Pts	Multi	Score	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	CL			
1	*	JH8PHT/1	KN	66	53	12	636	0	1	0	0	1	1	0	0	0	0	14	0		
2	+	JA1IE	TK	48	35	8	280	0	0	0	0	0	0	0	0	0	0	13	0		
3	+	JE2HXL/2	ME	34	24	10	240	0	2	0	0	0	0	0	0	0	0	8	0		
4	+	JQ1HYB	ST	23	20	6	120	0	0	0	0	0	0	0	0	0	0	3	0		
5		JF1MLG	KN	11	10	3	30	0	0	0	0	0	0	0	0	0	0	1	0		
5		JE1RID	ST	12	10	3	30	0	0	0	0	0	0	1	0	0	0	1	0		
7	+	JH2FOR	AC	11	7	4	28	0	0	0	0	0	0	0	1	0	0	3	0		
8		JE3BXY	NR	5	4	3	12	0	0	0	0	0	0	1	0	0	0	0	1		
8		JJ2GZC	AC	5	4	3	12	0	0	0	0	0	0	0	0	0	0	1	0		
8		JN1EMG	ST	6	6	2	12	0	0	0	0	0	0	0	0	0	0	0	0		
11		JA0EYF/2	GF	4	4	2	8	0	0	0	0	0	0	0	0	0	0	0	0		
12		JS1SDU/2	AC	3	2	2	4	1	0	0	0	0	0	0	0	0	0	0	0		
13		JF3ROH/3	HG	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
13		JK1DTK	TK	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
15		JA5INF/1	ST	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
SWL			Clamed	Final Results																	
Rank	CALL	QTH	QSO	Pts	Multi	Score	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL	CL			
10	*	JA4-4665/1	KN	0	379	112	42448	0	0	0	0	0	0	0	0	0	0	3	0		
10		JA4-37294	OY	0	25	19	475	0	0	0	0	0	0	0	0	0	0	0	0		
Check Log			7M1VUE/1, 7M4CLF, 8J1CC/1, 8J1UN/1, 8J2FOMLA/2, 8J3KGR, JA2VHO, JA6ADE/6, JA8AJE, JE1LDU, JF1LEO/1, JF2IWL, JF2ZPA/2, JG1SPS, JG1VCH, JG1XUZ, JH00TM, JH3HGI, JO1YKX, JQ2WGY/3, JR3BOT, JR8LY/1, HL2BM																		
Ops			8J1CC/1 : JH1ASG 8J1UN/1 : JA1DSI 8J2FOMLA:Tohru Tsujimoto 8J3KGR : JH3HGI																		