

# KCJ NEWSLETTER

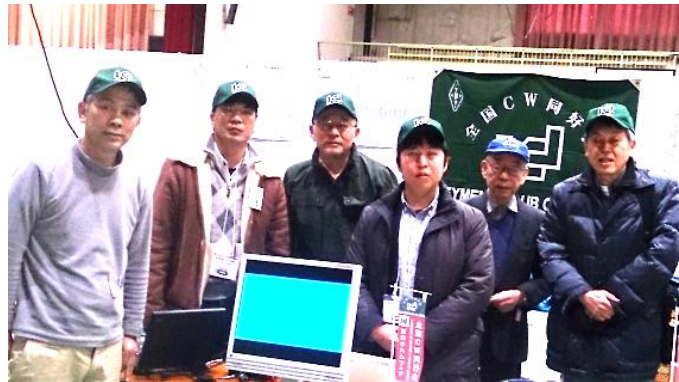
No. 60 Jun. 2015

## West Japan Ham Fair

JF6TWP K.Sugiyama

The 14<sup>th</sup> West Japan Ham Fair was held on Mar. 8, 2015 at Karita town, Fukuoka prefecture.

KCJ participated in this Ham Fair for the first time. I had been proposed to take charge of joining it by the president, JR3KQJ, at the general meeting of KCJ in Iwakuni city Yamaguchi prefecture last year. I was not familiar with this type of job but many KCJ members helped me out and I managed to participate in it.



From l to r: JR3KQJ, JF6TWP, JE6JFR, JE6HCL, JA3ATJ, JA5QYR



JE6JFR (left) was watching a display showing characters keyed by JA6GAO (right).

Display items were lists of KCJ members and KCJ contest winners, DVD on CW operations, a software which displayed characters keyed on a PC screen and a flag for this Ham Fair. We played the DVD at all times, so it caught eyes of participants.

We had 61 visitors and asked them to write down their call signs and eleven visitors wanted to join KCJ.

## Ham Festival in Kagawa

JA5CUX A. Ogose

It was held on Mar. 15, 2015. Although it was rainy, 250 hams came together and a hall was filled with excitement from morning. Our booth was staffed by JA5OSA, JA5QYR, JA4TY, JH3HGI and me, JA5CUX. We demonstrated how to diddle a straight key and how to swing a sideswiper one. We also provided a DVD on the operation of CW mode. Displaying it attracted many visitors.



L to R: JA5CUX, JA5OSA, JA5QYR, JH3HGI, JA4TY, JI3DST

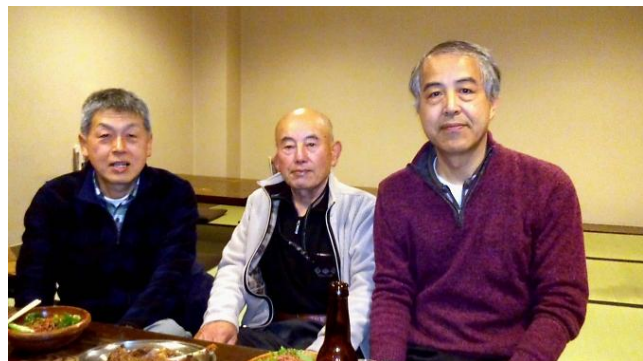
## KCJ Top Band Contest

The results of KCJ top band contest held on February 14-15 this year were released. The winner of domestic participants was JE1BMJ, Han. Congratulations! The detail was described on page 9 and later.

## Meeting in Four and Five Area

JA4TY T. Yamamoto

After Ham Festival in Kagawa, three members talked at “Ikkaku”, famous restaurant about chicken dinner as specialty without alcoholic drink. We talked how to plan memorial events of the 40<sup>th</sup> anniversary of KCJ’s birth.  
(Photo l to r: JA5QYR, JA4TY, JA5CUX)



## Operation of JR8YLY

JA1FCY M. Namba

I operated KCJ club station JR8YLY in the KCJ top band contest held on Feb. 14-15, 2015 from Sanmu city, Chiba prefecture. Noise level was so high that I asked a six area station to repeat his call sign without success. Band was crowded as last year and I was hard to find space for calling CQ. High power stations and low power ones were mingled in the narrow frequency range. It will be fine if we had some kind of gentlemen's agreement on the power.

## History of KCJ Members

### My dear Ron and Amateur Radio

JA1HMK A. Sugi

The top of my family is a dog named Ron. He came to our house when I started CW operation and my handle Ron was after his name. He always has stayed near me or in my arm as shown on my QSL card (right) when I operated.

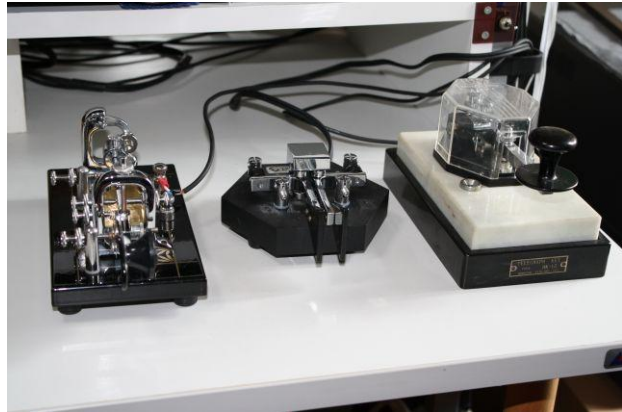
I encountered amateur radio in the year 1960 at a wireless club of a high school in Fukuoka prefecture. I got a phone class



My shack at the beginning of a station

operator license in that year and a second class one two years later. I learned CW for the exam but since then I have operate phone mode only. In these days, I got many DX stations with 10 watts AM mode. After I got job, I have been busy due to a marriage, work, transferred nine times, etc, so my activity have been not so vigorous. In the year of 1998, I got a first class operator license for enjoying ham radio after my retirement.

In 2001, I obtained a house for the retirement life in Tokyo and in 2004, I set up a station JA1HMK in order to operate CW mode which I have been hoping to do. In 2008, challenging the FCC exam, I got an extra license with a call sign NC1W which contained characters C and W for CW. I powered up to kW and built a two element HB9CV antenna and a multiband Yagi antenna on the roof of my house. However, being hit by a



My favorite keys.

typhoon and the great earthquake in 2011 made my wife anxious, so I disassembled them. Now my antennas were a dipole for 40 meters and a wire antenna with ATU. This is why my DXCC score stopped at 250 entities. Hi

When I was working, I had many hobbies but after my retirement, I made up my mind to enjoy ham radio first, fishing second and playing golf third. As mentioned before, I m taking care of my dog Ron, so I was not able to go out. In these situations, I can enjoy hobby, ham radio. I think I am fortune to have a good hobby.

## Amateur Radio 45 years

JA2OLJ Y. Iwakawa

When I was a child, I misunderstood that many stories and a lot of music had been crammed in the small box which my father, a teacher of craft in junior high school, built. It was a three tube radio. This misunderstanding was my starting point for radio.

When I was third grade of an elementary school, I built a crystal radio, strung a wire antenna in my room and was attracted sound from an earphone. In a junior high school, I came to know ham radio but in order to get a license I had to go to Nagoya city, where was too far from my home to go for a young boy alone. In a high school one of my friends was a ham and I just watched his operation in a school festival. Because I was born and grew up in countryside, so I didn't have the courage to go big city Nagoya alone to take an exam for license. (Contrary to me, my daughters went to Hyogo prefecture to see a musical alone.) I got a phone class license when I was in second grade of a faculty of dentistry in a college.



My present antennas for DX hunting. The one at the center is a 35 meter high tower.

I asked my father to buy Yaesu FLDX-400 and FRDX-400, newest rigs at the moment. He bought them and gave me under the requirements that I would never take supplementary examinations for all courses of the college. I started ham radio with SSB mode on 40 meters. Every weekend I came back from a dormitory to my parent house and called CQ CQ. I didn't care about ALC, so my radio wave, maybe, was with heavy splatter. Now I regret it. One year later I got a CW class

operator license and was active on contests from a club station JA2ZBD which was located on the tenth floor of a dental hospital in the college.

I lived in Ichinomiya city Aichi prefecture after I had graduated a college. My place was in a condo and I negotiated with the condo owner and managed to build antennas W3DZZ and a five element log-periodic one on the roof of the condo where everyone was banned to enter. Around these days I got a second class operator license. I worked XE on 40 meters. It was exciting experience for me.

At the age of thirty-one, I came back hometown and practiced as a dentist and at the same time I set up JA2OLJ. In the following several years, I built a few antennas: antennas for 10, 6, 2 and 0.7 meter bands on three 16 meter poles, multi element beam antennas for 80 to 10 meter bands on a 35 meter tower. I had a strong inclination toward DX hunting. For example, my fellow hams called me

at night when he found a rare DX and then I got up and went to my shack as quick as possible.

When North Korea remained for a completion of my DXCC, I realized that my DXCC score was not special but natural because I run 500 watts with beam antennas. Thus I shifted to QRP, running five watts and began mobile operations.

Now my daughter couple will take over my job and I began to be a



FT-817 popular 5 watts QRP rig.

part-time farmer. Anyway, it has passed forty five years since I became a ham without going off ham radio. I admire my enthusiasm. Or is it outrageousness?

## Voice of Members

JH1XUP: This year is 40<sup>th</sup> anniversary of KCJ. There must be various programs. I will be pleased to help about it.

I have wanted to get, at least, one new contact every day, but it continued only 15 days since January first.

JO1XEU: Built a small and low height antenna for the top band contest but what I could hear was noise. Even though it was winter weather forecast warned thunder-volts, so I kept the height of the antenna low and my fighting spirit for the contest was declined. I wanted to know the precaution against thunder-volt.

JQ1NGT: I participated in New Year (QSO) Party, having some kind of goal. This year it was QRV on multiband and multimode. Started from FM mode on 430MHz and shifted to lower bands with evenly operations of CW and phone modes on each band.

In February I participated in ARRL CW contest on 28MHz. The condition this year was poorer undoubtedly. East coast of USA didn't come. The central part of USA mainly came,

instead.

7N3SHX: It is pleasure to find my score of JCC and JCG is increasing.

JA2MYA: Got an entity K1N after long time no increase of my DXCC score. Enjoyed joining pile-ups.

JA2OLJ: I prepared documents for the field check of the DXCC application. Cheering up by this, I tried to apply an Award-Maser issued by JARL. In order to get it, I needed 72 awards. Fortunately all documents of the application for awards were provided by a PC, which was easy compared with those for Yomiuri 10000 award written by hand.

Every year I travelled abroad with my wife around February. This year we went 4S7. I looked for antennas for ham radio in a town unconsciously and found an antenna like tower on the roof of a certain embassy.

JA2PYD: I will retire in this March. I will make mobile operations from April. I am pleased at preparing for it. I built an 8 meter vertical with a bamboo pole as a support and ATU but SWR was  $\infty$ . I need antenna

length longer than 8 meters.

JS2KHM: In January, I was on the air only in New Year QSO party. Sometimes I turned on my rig but couldn't hear DXs. I arranged my log and QSL cards I received so far. I am planning to get my antenna higher but coldness kept me from doing that.

My goal in ARRL DX CW contest was to get 100 QSOs and I achieved it.

JA3VOV: My activity on radio this year started from NYP and then enjoyed V/UHF in Hyogo (HG) contest. I often had to go to the office on Sunday. It lowered the activity of weekend operators like me.

Recently it was getting warmer, so I would get down my antennas for maintaining.

JH3HGI: From the mid February, 8J3KGR started to be on the air. It was operated by me in 99%. Modes were CW and RTTY now but will be QRV on SSB near future. I have been so busy to operate 8J3KGR that I didn't get on the air with my call sign JH3HGI.

JA5CUX: My tentative goal, contacts with EP6, K1N and TI9, was

accomplished. I have thought that DXCC300 was out of my reach but now it seems to be within my reach. There exist many entities which I think seems easy to contact but actually hard to do.

JG6CDH: Adding some wire to my vertical antenna, I changed it into an invert L type one. The invert-L worked better than a vertical antenna for domestic contacts.

JA7TJ: Signal strengths of DXs this year were very different from those of last year. This is tragic for me, all bands wire antenna station.

JA8AJE: There exists heavy noise on top band at my place, so I couldn't call CQ since I was not sure to receive someone replying to my CQ. I need a directional antenna for receiving.

JG8NKJ: Early this year, I have heard 1A0C and tried to work him in vain. The pass on 18 MHz was long path, so the signal strength by 3.5MHz antenna was louder than that of two elements one which couldn't be beamed to the right direction due to troubles.

## NEW Members

**JA9BOH Kimio “KIMIO” Maekawa #467 Mar. 14, 2015**

As you know he is vice president of JARL. He was a member of 40<sup>th</sup> Japanese Antarctic Research Expedition and was very active on operation of 8J1RL. His motivation for CW was for EME.

**JR6CSY Takaharu “TAKA” Yamaguchi #468 Mar. 15, 2015**

He has been thinking to join KCJ and he decided to do so by the recommendation by JR3KQJ and JE6HCl in West Japan Ham Fair.

**JH4OUH Shinji “ATSUZARU” Kodama #469 Mar. 23, 2015**

He is saying that CW is the origin of the communication.

**JP6SPZ Hirakazu “OKA” Ohoka #470 Mar. 25, 2015**

Even though he got a first class operator license 15 years ago, he has not operated due to busy job. Around six year ago, he started CW mode since he realized what he could do on SSB mode was limited.

**JI6BFF Yasushi “PEI” Kitagawa #471 Apr. 3, 2015**

He was recommended by fellow hams that entering KCJ was the best way to get CW skill. His activities are contests both domestic and DX and mobile operations.

**JH4OYD Kenichi “KEN” Yokota #472 Apr. 6, 2015**

The recommendation by JH4OUH triggered him to join KCJ. He restarted mobile operations of CW mode on 1.9 and 10 MHz.

## KCJA

<b>JH7MGJ</b>									
(非会員) 15-2-5									
100pts (#356) 150pts (#187) 200pts (#175)									
250pts (#128) 300pts (#122) 350pts (#093)									
400pts (#080)									
新規申請									
Band	1.9	3.5	7	10	14	18	21	24	28
Pts	47	47	47	0	0	47	47	44	47
Band	50	144	430	1.2	2.4	5.6	SHF	SAT	SUM
Pts	47	27	12	0	0	0	0	0	412

<b>JH1KMC</b>									
(非会員) 15-2-28									
100pts (#357)									
新規申請									
Band	1.9	3.5	7	10	14	18	21	24	28
Pts	0	11	47	13	7	13	5	4	0
Band	50	144	430	1.2	2.4	5.6	SHF	SAT	SUM
Pts	0	0	0	0	0	0	0	0	100



Remarks on the table of KCJ top band contest results were  
as follows:

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

## KCJ 2015 TOP BAND CONTEST RESULTS

Overseas			Clmd	FINAL													
Rank	CALL	QTH	QSO	PTS	MULT	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1	* UA0LCZ	AS	72	53	28	1484	4	2	0	0	0	0	6	0	3	1	3
2	RA0LMK	AS	47	40	22	880	1	1	0	0	1	0	4	0	0	0	0
3	DS5DNO	AS	39	29	23	667	0	1	0	0	0	0	0	1	0	1	7
4	N6TI	NA	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0
Single Operator			Clmd	FINAL													
Rank	CALL	QTH	QSO	PTS	MULT	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1	* JE1BMJ	CB	163	158	44	6952	0	1	0	0	0	0	0	0	0	0	20
2	* JQ1TIV	ST	167	152	43	6536	0	0	0	0	0	0	1	1	3	0	18
3	* JA0IXW	NN	157	145	42	6090	0	0	0	0	0	1	1	0	0	0	22
4	* 7N1BHO/1	ST	140	131	41	5371	0	3	0	0	1	0	0	0	0	0	17
5	* JR2AWS	GF	133	133	40	5320	0	0	0	0	0	0	1	0	0	0	11
6	+	JK1QAY	TK	124	123	41	5043	0	0	0	0	1	0	0	0	0	8
7	JG1CFO	CB	131	130	38	4940	1	0	0	0	0	0	1	0	0	0	11
8	+	JH2FXX	AC	138	129	38	4902	0	1	0	0	0	0	3	0	0	21
9	+	JA7ODY	MG	128	120	40	4800	1	0	0	0	1	0	0	2	0	12
9	+	JF3BFS	HG	133	120	40	4800	0	1	0	0	0	3	1	0	0	12
11	JR2FJX	AC	114	117	40	4680	1	0	0	0	0	0	1	0	0	0	7
12	+	JH1CHU	TG	103	112	37	4144	0	0	0	0	0	0	1	0	0	2
13	+	7N1PVD/1	KN	108	109	38	4142	0	1	0	0	0	0	1	1	0	8
14	+	JE8KGH/8	SC	117	105	38	3990	0	2	0	1	0	2	2	0	0	17
15	JR1MEG/1	ST	118	110	35	3850	2	0	0	0	0	0	0	0	0	0	14
16	+	JJ3JJL	SI	90	97	39	3783	0	0	0	0	1	0	0	0	0	4
17	+	JA4GWE	OY	94	101	37	3737	0	0	0	0	0	0	0	0	0	5
18	JA1CP	KN	101	100	35	3500	0	0	0	0	0	1	1	0	0	0	7
19	+	JH9FCP	IK	87	83	36	2988	0	0	0	0	0	0	0	0	0	4
20	JR1BQJ/1	TK	93	89	33	2937	0	0	0	0	2	1	1	0	0	0	4
21	JR4QED/1	CB	98	84	34	2856	0	4	0	0	0	3	2	0	0	0	5
22	JE8ASA/7	MG	88	86	33	2838	0	2	0	0	0	0	0	0	0	0	8
22	JA1XYP	TK	81	86	33	2838	0	2	0	0	0	0	0	0	0	0	1
24	+	JH6KZP/6	OT	88	81	35	2835	2	0	0	0	0	0	0	0	0	13
25	JR3KQJ	HG	88	82	33	2706	0	0	0	0	0	0	0	0	0	0	10
26	+	JA5NSR	TS	75	79	32	2528	2	0	0	0	0	0	1	0	0	1
27	JN1CUA	CB	67	70	35	2450	0	0	0	0	0	0	1	0	0	0	0
28	JJ1UDO	TK	74	79	31	2449	0	0	0	0	0	0	1	0	0	0	2
29	JA4HIX	OY	86	76	32	2432	2	1	0	0	4	0	0	0	0	0	11
30	+	JA3GJQ	OS	75	69	35	2415	5	0	0	0	2	0	1	0	0	2
31	+	JR6CSY/6	NS	70	73	32	2336	0	1	0	0	0	0	0	1	0	3
32	+	J15SKS	EH	79	83	28	2324	1	1	1	0	1	0	0	0	0	4
33	JM1NKT	ST	65	72	32	2304	0	0	0	0	0	0	0	0	0	0	1

Single Operator			Clmd QSO	FINAL						IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
Rank	CALL	QTH		PTS	MULTI	SCORE														
34	JR8LY/1	CB	81	75	30	2250	2	2	0	0	1	1	1	0	0	0	0	7		
35	JA1SKE	TK	65	69	30	2070	2	0	0	0	0	0	1	0	0	0	0	1		
35 +	JA2LMY	SO	65	69	30	2070	0	0	0	0	0	0	1	0	0	0	0	3		
37 +	JA5CBU	KA	60	67	30	2010	0	0	0	0	0	1	2	0	0	0	0	2		
38	JP3AWA	OS	65	64	29	1856	1	0	0	0	0	1	1	0	0	0	0	2		
39 +	JH0EPI	NI	67	65	28	1820	1	1	0	0	0	1	0	0	0	0	0	3		
40	JA4COF	OY	68	60	30	1800	0	1	0	0	0	0	2	0	0	0	0	5		
41 +	JA3RSJ	NR	62	61	28	1708	1	0	0	0	0	1	0	1	0	0	0	2		
42	JA1CTZ	ST	52	58	29	1682	0	0	0	0	0	0	0	0	0	0	0	2		
43	JF3DRI	NR	57	60	27	1620	1	0	0	0	0	0	0	0	0	0	0	4		
44 +	JK2VOC	ME	50	57	27	1539	0	0	0	0	0	0	0	0	0	0	0	1		
45 +	JA9FHB	TY	50	50	29	1450	2	0	0	0	0	0	1	0	0	0	0	1		
46	JH3JF/3	NR	59	51	28	1428	3	1	0	0	1	0	1	0	0	0	0	2		
47 +	JF3PGW	KT	58	54	26	1404	0	0	0	0	0	1	1	0	0	0	0	2		
48	J14EAW/3	HG	52	50	28	1400	0	2	0	0	0	0	0	0	0	0	0	0		
49	JQ1SYQ	TK	55	51	27	1377	0	0	0	0	0	0	0	0	0	0	0	4		
50	JR2NMJ	ME	54	50	26	1300	0	1	0	0	0	0	2	0	0	0	0	1		
51 +	JH8KIY	OM	45	57	22	1254	0	0	0	0	0	0	0	0	0	0	0	0		
52	JE2CPI	SO	51	47	26	1222	0	1	0	0	2	0	0	0	0	0	0	1		
53	JA1XHC	TK	52	55	22	1210	0	2	0	0	1	0	0	0	0	0	0	2		
54	JR2MIO/2	ME	44	46	25	1150	0	1	0	0	0	0	1	0	0	0	0	0		
55	JO1ATK	KN	48	53	21	1113	0	0	0	0	0	1	1	0	0	0	0	1		
56	JA2QVP	AC	43	47	23	1081	0	0	0	0	0	0	0	0	0	0	0	0		
57	JA7CPW	MG	45	51	21	1071	0	0	0	0	0	0	0	0	0	0	0	2		
58 +	JO4BOW	TT	44	42	24	1008	0	0	0	0	0	0	1	1	0	0	0	0		
59	JF2FIU	AC	44	45	22	990	1	1	0	0	0	0	0	0	0	0	0	1		
60 +	JN4HTR/4	HS	39	41	24	984	0	2	0	0	0	0	0	0	0	0	0	0		
61	JF3LOP	OS	42	47	20	940	1	0	0	0	1	0	0	0	0	0	0	1		
62 +	JA5AWZ	KC	36	38	24	912	0	0	0	0	1	0	0	0	0	0	0	1		
63 +	JP7ERZ	IT	40	38	21	798	0	1	0	0	0	0	1	0	0	0	0	0		
64 +	JR7KGE	YM	39	37	20	740	0	2	0	0	0	0	0	0	0	0	0	0		
65	JA7AMK	IT	36	33	22	726	2	0	0	0	0	0	0	0	0	0	0	1		
66	JA2HJP/2	SO	40	38	19	722	0	0	0	0	0	1	1	0	0	0	0	0		
67 +	JA7KPI	AT	35	35	20	700	0	0	0	0	0	0	0	0	0	0	0	0		
68	JA7EVH	IT	32	36	18	648	0	0	0	0	0	0	0	0	0	0	0	0		
69	JH1HGI	TG	33	31	20	620	0	1	0	0	0	1	0	0	0	0	0	0		
70	JA1JRS	TK	32	34	18	612	1	0	0	0	0	0	0	0	0	0	0	1		
71	JA5FOP/5	KA	35	31	19	589	0	2	0	0	0	1	1	0	0	0	0	0		
71	JF2IMU	AC	34	31	19	589	2	1	0	0	0	0	0	0	0	0	0	0		
73	JJ7ATA/1	CB	30	30	18	540	0	0	0	0	0	0	0	0	0	0	0	0		
73	JA2MYA	GF	26	30	18	540	0	0	0	0	0	0	0	0	0	0	0	0		
75 +	JA3PXH	WK	27	30	17	510	0	0	0	0	0	0	0	0	0	0	0	1		
75	JM1EKM	TK	31	30	17	510	0	0	0	0	0	0	0	0	0	0	0	1		
75	JK3HFN	HG	36	30	17	510	0	0	0	0	0	0	1	0	0	0	0	5		
78	JA9VCO	IK	30	28	18	504	0	0	0	0	1	0	0	0	0	0	0	1		
79	JN3VQM	OS	23	31	16	496	0	0	0	0	0	0	0	0	0	0	0	0		
79	JM1HUX	TK	33	31	16	496	0	0	0	0	0	0	2	0	0	0	0	0		
81	JS2PHO/2	AC	30	29	17	493	0	1	0	0	0	0	0	0	0	0	0	0		
82	JE1TRV	TK	27	27	16	432	0	0	0	0	0	0	0	0	0	0	0	0		
82 +	JA9MJR	FI	29	27	16	432	0	0	0	0	0	1	0	0	0	0	0	1		
84	J17RRS	FS	26	29	14	406	0	0	0	0	0	0	0	0	0	0	0	1		
85	JH1NXU	IB	25	27	14	378	1	0	0	0	0	0	1	0	0	0	0	0		
86	JR1UJX	TK	27	25	15	375	0	1	0	0	0	0	1	0	0	0	0	0		
87	J11YUA	TK	23	26	14	364	1	0	0	0	0	0	0	0	0	0	0	0		
88	JA3SHF/3	HG	23	22	16	352	0	0	0	0	0	0	0	0	0	0	0	1		
88	JR2FWN	AC	22	22	16	352	0	0	0	0	0	0	0	0	0	0	0	0		
88	JE7DMH	FS	23	22	16	352	0	1	0	0	0	0	0	0	0	0	0	0		
91	J12GVL/9	FI	20	23	15	345	0	0	0	0	0	0	0	0	0	0	0	1		
92	JN1VXL	KN	23	21	15	315	1	0	0	0	0	0	0	0	0	0	0	1		

Single Operator			Clmd QSO	FINAL				IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
Rank	CALL	QTH		PTS	MULTI	SCORE												
93	JA1PHE/1	GM	24	22	14	308	0	0	0	0	1	1	0	0	0	0	0	
94	JK3RHX	HG	21	21	14	294	0	0	0	0	0	0	0	0	0	0	0	
95	JQ1ND	KN	25	22	13	286	0	0	0	0	0	2	0	0	0	0	1	
96	JR8BMW/1	KN	22	20	14	280	1	0	0	0	0	0	0	0	0	0	1	
97	JA3VOV	OS	26	22	12	264	1	0	0	0	1	1	1	0	0	0	0	
98	JJ5IYC	TS	18	17	15	255	0	0	0	0	1	0	0	0	0	0	0	
99	JA1DFP	ST	21	21	12	252	0	0	0	0	0	0	0	0	0	0	0	
100	JH3TCC	WK	18	20	12	240	1	0	0	0	0	0	0	0	0	0	1	
101	JA9DTV/1	KN	19	19	12	228	0	0	0	0	0	0	0	0	0	0	0	
102	JA2BSD	GF	19	17	13	221	1	0	0	0	0	1	0	0	0	0	0	
103	JA5QYR	KA	20	17	12	204	1	0	0	0	1	0	0	0	0	0	1	
103	JE6EKC/3	HG	17	17	12	204	0	0	0	0	0	0	0	0	0	0	0	
103	JK2XXK	GF	13	17	12	204	0	0	0	0	0	0	0	0	0	0	0	
106	JA1RZW	GM	21	18	11	198	0	1	0	0	0	0	2	0	0	0	0	
107	JA3HEO	OS	14	17	11	187	1	0	0	0	0	0	0	0	0	0	0	
107	JA0AVS	NI	19	17	11	187	1	0	0	0	1	0	0	0	0	0	0	
109	JH4JUK	HS	15	14	12	168	0	0	0	0	0	0	0	0	0	0	1	
109	JS1UEH	IB	16	14	12	168	0	0	0	0	1	0	1	0	0	0	0	
111	JG7IJM/7	YM	15	15	11	165	0	0	0	0	0	0	0	0	0	0	0	
111	JA4VNE	YG	18	15	11	165	0	0	0	0	0	0	1	0	1	0	1	
113	JP1SRG	CB	17	15	10	150	1	0	0	0	0	0	0	1	0	0	0	
114	JO1EEQ	TG	14	14	10	140	0	0	0	0	0	0	0	0	0	0	0	
115	JO4DIO	YG	11	15	9	135	0	0	0	0	0	0	0	0	0	0	0	
115	7L1VET	KN	16	15	9	135	0	1	0	0	0	0	0	0	0	0	0	
117	JH1MVY/1	CB	13	13	8	104	0	0	0	0	0	0	0	0	0	0	0	
117	JA8RRF	SB	14	13	8	104	0	0	0	0	1	0	0	0	0	0	0	
119	JE6DND	FO	12	10	10	100	1	0	0	0	1	0	0	0	0	0	0	
120	JJ1AQY	IB	11	11	9	99	0	0	0	0	0	0	0	0	0	0	0	
120	JE4KQH	OY	14	11	9	99	1	0	0	0	0	1	1	0	0	0	0	
122	JA1LJW	TK	15	14	7	98	0	0	0	0	0	0	0	0	0	0	1	
123	JF1VKY	TK	12	12	8	96	0	0	0	0	0	0	0	0	0	0	0	
123	JA8AJE	IS	9	12	8	96	0	1	0	0	0	0	0	0	0	0	0	
125	JA6RIL	OT	10	10	9	90	0	0	0	0	0	0	0	0	0	0	0	
126	JK1SDQ	TK	11	11	8	88	0	0	0	0	0	0	0	0	0	0	0	
127	JF1OPO	ST	12	12	7	84	0	0	0	0	0	0	0	0	0	0	0	
128	JN1BBO	ST	10	10	8	80	0	0	0	0	0	0	0	0	0	0	0	
128	JF2OZH	AC	11	10	8	80	0	1	0	0	0	0	0	0	0	0	0	
130	JG2KGS/2	AC	10	10	7	70	0	0	0	0	0	0	0	0	0	0	0	
130	JK4HNN	TT	11	10	7	70	0	0	0	0	0	0	0	0	0	0	1	
132	JA4TY	YG	10	8	8	64	0	0	0	0	0	1	0	0	0	0	1	
133	JN3DMJ	WK	9	9	7	63	0	0	0	0	0	0	0	0	0	0	0	
134	JA0IND/1	KN	9	8	7	56	0	1	0	0	0	0	0	0	0	0	0	
135	JH1KPT	ST	8	8	6	48	0	0	0	0	0	0	0	0	0	0	0	
135	JJ4HKA	TT	9	8	6	48	0	0	0	0	0	0	1	0	0	0	0	
137	JF3ROH	HG	6	6	5	30	0	0	0	0	0	0	0	0	0	0	0	
137	JP1FPJ	TK	6	6	5	30	0	0	0	0	0	0	0	0	0	0	0	
137	JR8QFG/8	SB	6	6	5	30	0	0	0	0	0	0	0	0	0	0	0	
137	JR2NTC	AC	6	6	5	30	0	0	0	0	0	0	0	0	0	0	0	
137	JH3HGI	HG	6	6	5	30	0	0	0	0	0	0	0	0	0	0	0	
142	JA1UKF/1	KN	7	7	4	28	0	0	0	0	0	0	0	0	0	0	0	
143	JM1DR/1	KN	5	5	5	25	0	0	0	0	0	0	0	0	0	0	0	
143	JE6CIY/4	YG	5	5	5	25	0	0	0	0	0	0	0	0	0	0	0	
145	JH0OZT	NN	7	6	4	24	0	1	0	0	0	0	0	0	0	0	0	
146	JR4WEI/3	HG	5	5	4	20	0	0	0	0	0	0	0	0	0	0	0	
147	JA3HIL	HG	5	4	4	16	0	0	0	0	0	0	1	0	0	0	0	
147	JA1KI	TK	4	4	4	16	0	0	0	0	0	0	0	0	0	0	0	
147	JF3QND	OS	5	4	4	16	1	0	0	0	0	0	0	0	0	0	0	
150	7N2SPK	TK	5	5	3	15	0	0	0	0	0	0	0	0	0	0	0	
151	JA8HBH	IR	3	3	3	9	0	0	0	0	0	0	0	0	0	0	0	

Single Operator			Clmd QSO	FINAL													
Rank	CALL	QTH		PTS	MULTI	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
151	JG8NKJ	IS	3	3	3	9	0	0	0	0	0	0	0	0	0	0	0
151	JH1MTR/4	TT	3	3	3	9	0	0	0	0	0	0	0	0	0	0	0
154	JH1DTX	TK	8	4	2	8	1	0	0	0	0	0	3	0	0	0	0
155	7K1DPE	ST	3	3	2	6	0	0	0	0	0	0	0	0	0	0	0
156	JP3AEL	OS	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0
156	JA2TFU	AC	3	2	2	4	0	0	0	0	0	0	0	0	0	0	1
157	JA7AEM	MG	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0
159	JA5INF/1	ST	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
159	JH0WJF	NN	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
159	JF6LIU/1	KN	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
159	JJ1PLS	CB	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
159	JH8CLC/7	MG	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
159	JP2XLS/2	AC	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
159	JP1FOS	KN	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
159	JG4WYW/1	KN	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
159	JH8EAS	OM	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
168	JF3GFH/1	KN	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Multi Operator			Clmd QSO	FINAL													
Rank	CALL	QTH		PTS	MULTI	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1	JJ1ZXE	TK	63	64	30	1920	0	1	0	0	0	0	0	0	0	0	6
SWL			Clmd QSO	FINAL													
Rank	CALL	QTH		PTS	MULTI	SCORE	IM	UM	RR	RS	MR	MS	NF	TM	WC	OF	NL
1*	JJ2QXI	GF	52	63	26	1638	0	0	0	0	0	0	0	1	0	0	0
2+	JJ1LHT	ST	27	35	14	490	0	0	0	0	0	0	0	0	0	0	0
3	JA4-4665	SN	20	28	13	364	0	0	0	0	0	0	0	0	0	0	0
4	JA4-37294	OY	2	6	2	12	0	0	0	0	0	0	0	0	0	0	0

CHECK LOG: JA8AJE, JE6LVE/3, JO3GED/3, JQ2WGY/3, JR8YLY/1  
 JJ1ZXE's Ops: JH5CZY, JR7MZC, JJ8DAN, JE1OQI, JP1QGO

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